

Incident ID	NAPP2129853690
District RP	
Facility ID	
Application ID	

Closure

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 (electronic submittals in .pdf format are preferred) 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.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

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.

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Robert Hamlet Date: 9/9/2022

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Robert Hamlet Date: 9/9/2022

Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	OGRID
Contact Name	Contact Telephone
Contact email	Incident # (assigned by OCD)
Contact mailing address	

Location of Release Source

Latitude _____ Longitude _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Site Type
Date Release Discovered	API# (if applicable)

Unit Letter	Section	Township	Range	County

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☐ Private (Name: _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

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

☐ The source of the release has been stopped.	
☐ The impacted area has been secured to protect human health and the environment.	
☐ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
☐ All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: _____	Title: _____
Signature: _____	Date: _____
email: _____	Telephone: _____
<u>OCD Only</u>	
Received by: _____	Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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?	_____ (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☐ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☐ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☐ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☐ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☐ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☐ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☐ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☐ No
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ☐ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: Each of the following items must be included in the report.

- ☐ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☐ Data table of soil contaminant concentration data
- ☐ Depth to water determination
- ☐ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☐ Photographs including date and GIS information
- ☐ Topographic/Aerial maps
- ☐ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: Each of the following items must be included in the plan.

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation.

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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 (electronic submittals in .pdf format are preferred) 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.

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

- ☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

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.

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____



May 17, 2022

State of New Mexico Oil Conservation Division
District II - Artesia
811 S. First St.,
Artesia, NM 88210

RE: LM Touchdown, LLC Spill Closure Request for Blue Stem Terminal, Eddy County, New Mexico

To Whom it May Concern,

Resolute Compliance, LLC (Resolute) is writing you on behalf of LM Touchdown, LLC (LM) regarding a spill that occurred at their Blue Stem Terminal in Eddy County, New Mexico. A Remediation Plan for this spill was provided to NMOCD District 2 on January 21, 2022. This Plan is provided as Attachment A.

LM is requesting to commence closure of the spill after final soil sampling and excavation activities following remediation occurred Thursday, May 12th. Please see details of the remediation plan and final remediation plan herein.

Remediation Plan

All initial grid sampling areas other than a single area (209-210) were detected above cleanup criteria; therefore, the remediation plan entailed the removal of soils with surficial impacts above cleanup criteria to be removed down to clean soil depth or the depth of the liner.

All oil was contained within the containment berm, and the containment berm was constructed with an underlying liner system. Final soil removal and sampling occurred in May 2022.

Excavation and Disposal

Excavation and disposal of oil impacted soils were conducted with a combination of mechanical and hand digging. Impacted soils were removed to the depth of the liner and a visual inspection and photos of the in-tact liner were conducted in areas of soil removal to demonstrate that the liner had no holes or tears that would've allowed oil to migrate deeper into the soil.

Hand digging was conducted around active piping and electrical conduits so as to not disturb an operational tank system and pump equipment.

All oil impacted soils were removed from the site and shipped as exploration and production exempt waste to the nearby R360 Environmental Solutions in Hobbs, New Mexico.

RESOLUTE
COMPLIANCE, LLC

115 FM 2453, Suite A
Royse City, TX 75189
(972) 842-4301

www.ResoluteCompliance.com



Closure

A final round of sampling for closure occurred on May 12, 2022. The results of the sampling indicated seven (7) samples were still above cleanup criteria. Therefore, these areas were completely excavated down to the liner. The sample results that concluded below cleanup criteria were excavated to the level of clean soil only.

The required closure information is included herein and attached as Attachments B and C.

Should you require any further information regarding the initial incident, or the follow-up actions taken by LM, please don't hesitate to reach out directly to me by phone at 972.842.4302 or via email at gm@resolutecompliance.com

Sincerely,

A handwritten signature in blue ink, appearing to read 'Grant McAfee', with a stylized, flowing script.

Grant McAfee

President – Resolute Compliance, LLC

CC: Logan Moore - LM

Attachments:

Attachment A

Remediation Plan

Attachment B

Initial Release Photos

Final Remediation Photos

Attachment C

Analytical Results Summary

Final Excavation Grid

Analytical Reports

RESOLUTE
COMPLIANCE, LLC

115 FM 2453, Suite A
Royse City, TX 75189
(972) 842-4301

www.ResoluteCompliance.com

ATTACHMENT A – REMEDIATION PLAN

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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	OGRID
Contact Name	Contact Telephone
Contact email	Incident # (assigned by OCD)
Contact mailing address	

Location of Release Source

Latitude _____ Longitude _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Site Type
Date Release Discovered	API# (if applicable)

Unit Letter	Section	Township	Range	County

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☐ Private (Name: _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

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

☐ The source of the release has been stopped.	
☐ The impacted area has been secured to protect human health and the environment.	
☐ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
☐ All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: _____	Title: _____
Signature: _____	Date: _____
email: _____	Telephone: _____
<u>OCD Only</u>	
Received by: _____	Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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?	_____ (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☐ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☐ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☐ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☐ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☐ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☐ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☐ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☐ No
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ☐ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

- ☐ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☐ Data table of soil contaminant concentration data
- ☐ Depth to water determination
- ☐ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☐ Photographs including date and GIS information
- ☐ Topographic/Aerial maps
- ☐ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: Each of the following items must be included in the plan.

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation.

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____



January 21, 2022

State of New Mexico Oil Conservation Division
District II - Artesia
811 S. First St.,
Artesia, NM 88210

RE: LM Touchdown LLC Spill Remediation Plan and Deferral Request for Bluestem Terminal, Eddy County, New Mexico

To Whom it May Concern,

Resolute Compliance, LLC (Resolute) is writing you on behalf of LM Touchdown LLC (LM) regarding a spill that occurred at their Bluestem Terminal in Eddy County, New Mexico. Details on the release notification, site assessment/characterization, along with a proposed remediation plan with a deferral request can be found in the corresponding sections below.

LM is requesting to commence remediation activities after April 1, 2022, when the construction of a new tank within the spill area is complete.

An additional deferral request is included to exclude removal of soils within 20' of the base of each tank.

Further details are provided below.

Release Notification

Responsible Party

The responsible party for the spill that occurred at the Bluestem Terminal is LM. The oil and gas release ID number (OGRID) is 329097. Contact information for the responsible party is below:

Contact Name – Steve Skellie

Contact Telephone – (817) 584-6876

Contact E-mail – sls@lmenergypartners.com

Contact Mailing Address – 2850 N. Harwood, Suite 1050, Dallas, Texas, 75201

Location of Release Source

The location of the release is in Section 22, Township 19 South, Range 30 East, in Eddy County, NM. The location of the release is located at these approximate GPS coordinates: 32.640089, -103.965590. The spill occurred at the Bluestem Terminal, a Field Crude Oil Gathering Terminal, on October 25, 2021. The surface owner is LM. A topographic and aerial map of the Facility is included in Attachment A.

RESOLUTE
COMPLIANCE, LLC

115 FM 2453, Suite A
Royse City, TX 75189
(972) 842-4301

www.ResoluteCompliance.com



Nature and Volume of Release

The spill at the Bluestem Terminal consisted of an estimated volume of 6,713 barrels (bbls) of crude oil. Approximately 6,051 bbls were recovered.

A fuse on a programmable logic controller (PLC) blew causing the high-level control system to switch to UPS/battery backup. This should have caused an alarm to be sent out.

The UPS/battery backup ultimately ran out of power and should have sent out a low voltage alarm, but did not.

When the UPS/battery backup failed, the tank overflowed through the top as the high-level shutoff switch did not stop the flow of oil into the tank. The operator on duty did not recognize that the tank level was frozen.

The alarm system was functional 24 hours prior to the event and must have failed just prior to the event.

According to 19.15.29.7(A) NMAC, this release was defined as a “major release” because the volume of the release exceeds the minimum volume of 25 bbls. Immediate notice was given to the New Mexico Oil Conservation Division (NMOCD) via the OCD Online Application Notification of Release and by James VanAssche, Consultant, via phone call on Monday October 25, 2021.

All oil was spilled within a containment berm constructed with an 80 mil HDPE geomembrane liner. Above the liner is an approximately 1 foot thick sand layer with another 1 to 1.5 feet of compacted caliche up to the surface.

Initial Response

After the spill was initially discovered, immediate response actions were taken. These actions include the following:

- The source of the release was stopped;
- The impacted area was secured to protect human health and the environment;
- The released materials were contained via the use of berms or dikes, absorbent pads, or other containment devices; and,
- All free liquids and recoverable materials were removed and managed appropriately.

Further detail on initial response activities is provided as follows:

Land based response actions were implemented on October 25, 2021. These activities included recovery of standing free product oil utilizing powered vacuum trucks. Once all the physically recoverable oil was pumped into vac trucks, additional oil was forced from impacted soils via hydrovac, a process that uses pressurized water to break up and entrain materials in fluids that can be vacuumed into tankers. This process was used to push a portion of the free oil out of the tightly compacted and oil saturated fill

RESOLUTE
COMPLIANCE, LLC

115 FM 2453, Suite A
Royse City, TX 75189
(972) 842-4301

www.ResoluteCompliance.com



material. The pressurized water was able to break up soils and force a portion of the oil to separate out and be recovered as free liquids.

As the containment berm slopes from northwest to southeast toward a sump on the southeastern side of the berm, all spilled oil flowed around the tanks and into this sump. Additional water that was introduced to break up soils and separate oil from the soils also flowed into the sump, where oil was skimmed from the surface of the liquids and heavier water was vacuumed up and removed from the site.

Once there was no longer a recoverable volume of oil, all recoverable water was removed, and a combination of mechanical excavation and hand digging was conducted to remove soils visually impacted with oil. Hand digging was employed around active piping and electrical conduits. Impacted soils were stock-piled in two spoils piles.

As an active construction project to construct a new floating roof tank near the center of the containment berm, the initial cleanup efforts were directed toward removing impacts to the maximum extent possible while allowing for construction to continue. Initial cleanup efforts were completed by November 5, 2021.

Site Assessment/Characterization

The impacted area is completely contained within a lined spill containment berm. Photos of the initial release can be found in Attachment B. The impacted area is shown on the Site Map aerial image in Attachment A. Surface features in proximity to the impacted area are shown on the Surface Features and Topographic Map in Attachment A. Finally, the delineation points and soil sample areas and ID's are shown on the Sampling Diagram in Attachment A.

Following initial cleanup efforts, an initial assessment sampling of all impacted areas within the containment berm was initiated. The initial sampling field work consisted of a grid sampling plan. A grid was established consisting of 10 foot by 20 foot intervals for 200 square foot areas per each grid interval. Five-point composite soil samples were collected per each of the grid intervals in the impacted area at a depth of 3 inches. Deeper sampling was not possible as the impacted materials are significantly compacted, and the use of hand tools precluded a deeper sample interval to be sampled with reasonable efficiency. Shallow soil core drilling or hand auguring would risk damaging the liner underneath the impacted soils.

The grid sampling plan consisted of 169 separate soil samples (160 composite samples and 9 stockpile samples). Each sample would be analyzed for TPH, BTEX, and chlorides. A depiction of the initial sampling grid is attached in Attachment A.

Between November 8 and November 11, 2021, the initial soil sampling was completed. The soil samples were taken to the lab daily each day until the final sampling was completed on November 11, 2021. The

RESOLUTE
COMPLIANCE, LLC

115 FM 2453, Suite A
Royse City, TX 75189
(972) 842-4301

www.ResoluteCompliance.com



lab utilized for the analyzing of the soil samples was the Eurofins Lab located in Midland, Texas. The Lab Project Manager was Jessica Kramer.

The initial soil sampling analytical data concluded that all composite samples except for P209-210 exceeded either the TPH or BTEX closure criteria limits. The Analytical Results Summary and Analytical Reports (including Chain of Custody) can be found in Attachment C. The Sampling Diagram can be found in Attachment A.

According to USGS groundwater data for New Mexico, depth to groundwater at the approximate spill location is 75 feet. The spill did not impact groundwater or surface water as the spill was contained within the lined containment berm. The nearest significant watercourse is the Clayton Basin which is a freshwater lake that is approximately 27,350 ft. from the spill release boundary. The nearest permanent residence, school, hospital, institution, and/or church is no closer than approximately 64,640 ft. There is a permanent residence at approximately 101,110 ft. There are no water wells, subsurface mines, or unstable areas within close proximity to the Facility. The Facility is not within a 100-year floodplain. Therefore, the lateral extents of the release:

- Are not within 30 ft. of a continuously flowing watercourse or any other significant watercourse;
- Are not within 200 ft. of any lakebed, sinkhole, or playa lake;
- Are not within 300 ft. of an occupied permanent residence, school, hospital, institution, or church;
- Are not within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes;
- Are not within 1,000 ft. of any other fresh water well or spring;
- Are not within incorporated municipal boundaries or within a defined municipal fresh water well field;
- Are not within 300 ft. of a wetland;
- Are not overlying a subsurface mine;
- Are not overlying an unstable area; and,
- Are not within a 100-year floodplain.

After review of the impacted area, the release did not impact areas that were not on an exploration, development, production, or storage site.

An additional characterization assessment was conducted on December 21, 2021 in order to assess approximate depths to the liner from the surface. Gentle hand digging and hand probes were employed to avoid damaging the liner. It was determined based on nine (9) exploratory points that the average depth of soils above the liner was between 22 and 24 inches.

Based on this depth and the presence of odors down to the liner, it has been assumed that surficial concentrations are likely consistent for the entire depth of soil down to the liner and that the liner is the terminus of impacted material.

RESOLUTE
COMPLIANCE, LLC

115 FM 2453, Suite A
Royse City, TX 75189
(972) 842-4301

www.ResoluteCompliance.com



Remediation Plan

As all initial grid sampling areas other than a single area (P209-P210) were detected above cleanup criteria, the current proposed remediation plan entails the removal of soils with surficial impacts above cleanup criteria to be removed down to the depth of the liner.

As all oil was contained within the containment berm, and the containment berm was constructed with an underlying liner system, LM requests the closure point to be based on visual confirmation that the liner below impacted materials are intact.

As LM is in the process of finishing construction of a second tank within the berm, they are requesting to defer the start of the soil removals until after the additional tank construction is concluded. This is anticipated to be complete on April 1, 2022. Soils removals can commence after that date and upon approval from the NMOCD.

Excavation and Disposal

Excavation and disposal of oil impacted soils will be conducted with a combination of mechanical and hand digging. Impacted soils will be removed to the depth of the liner and a visual inspection and photos of the in-tact liner will be conducted in areas of soil removal to demonstrate that the liner has no holes or tears that would've allowed oil to migrate deeper into the soil.

Hand digging will be conducted around active piping and electrical conduits as to not disturb an operational tank system and pump equipment, as necessary.

All oil impacted soils will be removed from the site and shipped as exploration and production exempt waste to the nearby R360 Environmental Solutions in Hobbs, New Mexico.

An estimated maximum volume of 1,518 cubic yards has been calculated based on a soil depth to liner of 2 feet throughout all of the impacted areas. The depth of soil may vary so this volume is assumed to be a conservative estimate. Figure 3 within Attachment A depicts the approximate areas and volumes for excavation.

Additional Deferral Request

The storage tanks at the Facility are built on top of reinforced concrete ring wall foundations that extend approximately 36 inches below the base of the tank into the compacted fill material. LM is requesting to defer remediation of soils within 20 feet of these ring walls, as excavation any closer to these structures could destabilize the fill material around the ring walls making the existing tanks shift, causing catastrophic failures. The deferral areas are depicted on Figure 2 in Attachment A.

All impacted soils up to the deferred areas will be removed to the depth of the liner. Soils within the deferred areas will remain in place until facility decommissioning.



115 FM 2453, Suite A
Royse City, TX 75189
(972) 842-4301

www.ResoluteCompliance.com



Follow Up

LM requests an approval for the deferral of start of cleanup and for leaving a volume of soils around the tank ring wall foundations.

Should you require any further information regarding the initial incident, or the follow-up actions taken by LM, including the contents of the deferral request, please don't hesitate to reach out directly to me by phone at 972.842.4304 or via email at jva@resolutecompliance.com.

Sincerely,

A handwritten signature in black ink, appearing to read "James VanAssche", written on a light gray, textured background.

James VanAssche, P.E., C.H.M.M.

Vice President of Environmental Compliance

CC: Steve Skellie – LM Touchdown LLC

Attachments:

Attachment A

Figure 1 – Facility and Sampling Diagram with site Features and Topographic Map

Figure 2 – Deferral Request Areas

Figure 3 – Excavation Volumes

Attachment B

Initial Release and Initial Response Photos

Attachment C

Analytical Results Summary

Analytical Reports

RESOLUTE
COMPLIANCE, LLC

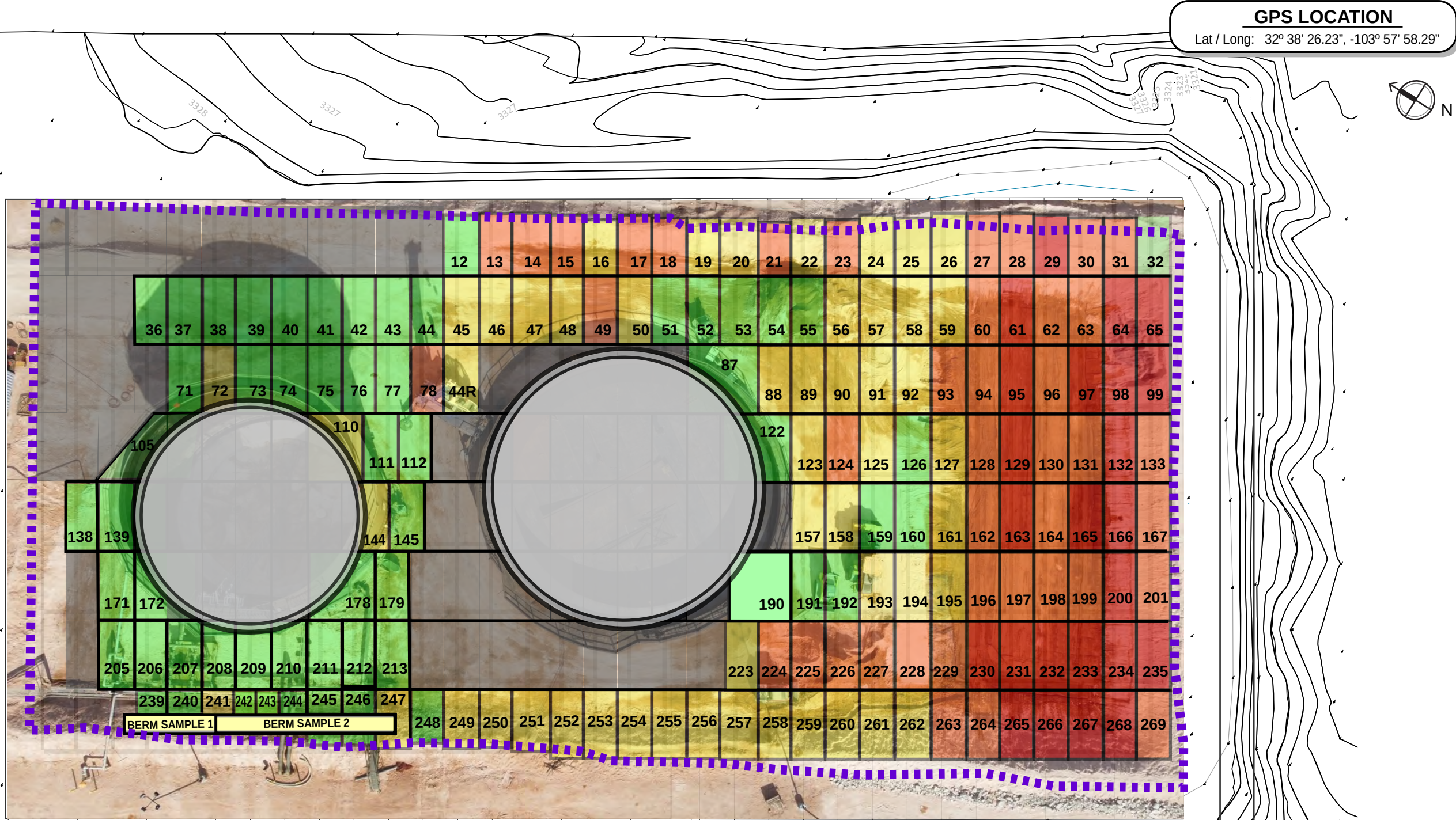
115 FM 2453, Suite A

Royse City, TX 75189

(972) 842-4301

www.ResoluteCompliance.com

ATTACHMENT A – FIGURES



KEY:

0 - 9,999 TOTAL TPH (mg/kg)

10,000 - 29,999 TOTAL TPH (mg/kg)

30,000 - 59,999 TOTAL TPH (mg/kg)

60,000 - 83,000 TOTAL TPH (mg/kg)

APPROXIMATE BERM RIDGE

RESOLUTE COMPLIANCE, LLC
Purposeful Solutions. Unwavering Service.

Client: LM ENERGY

SITE: Bluestem Terminal Crude Spill

Carlsbad, Eddy County, NM

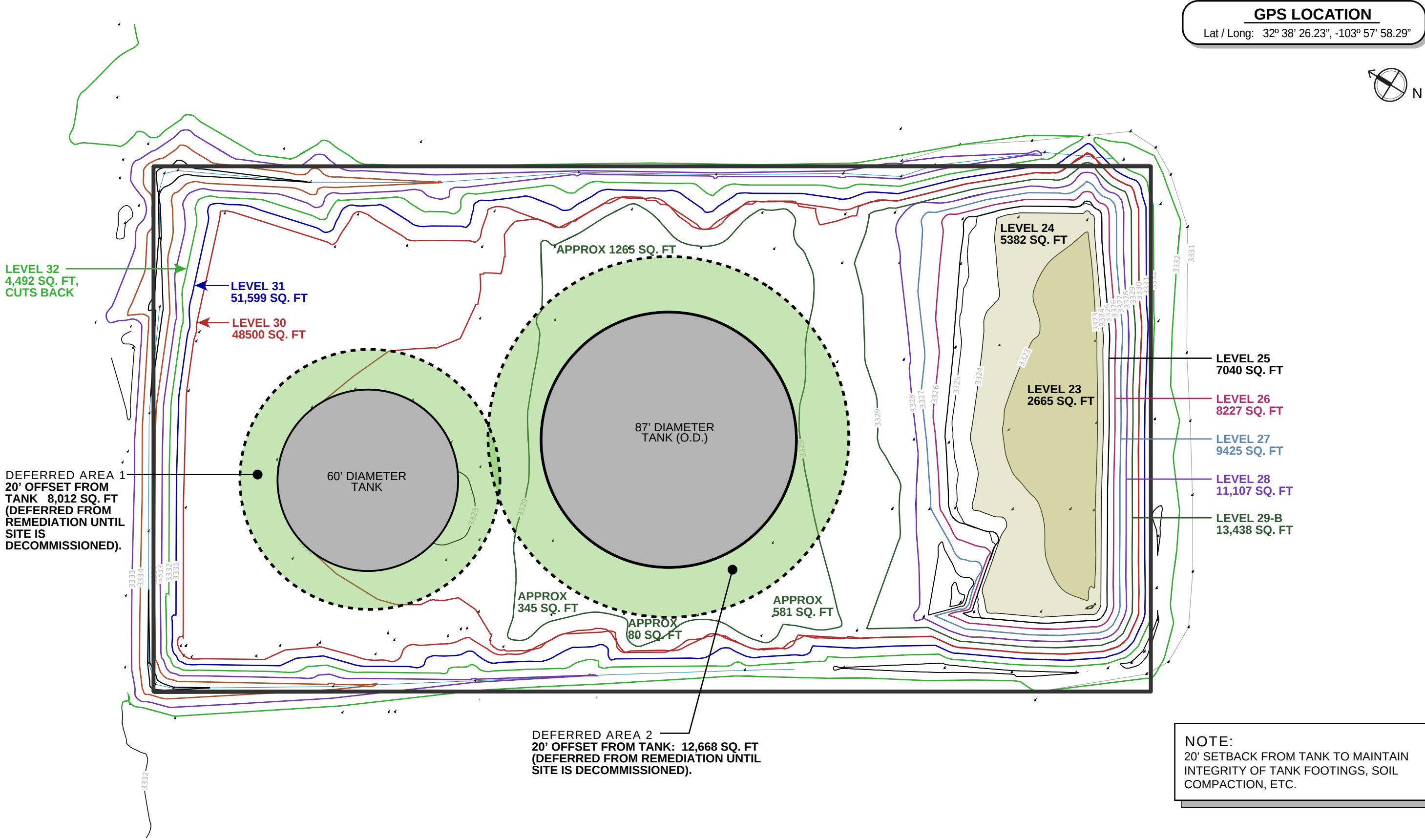
FACILITY DIAGRAM

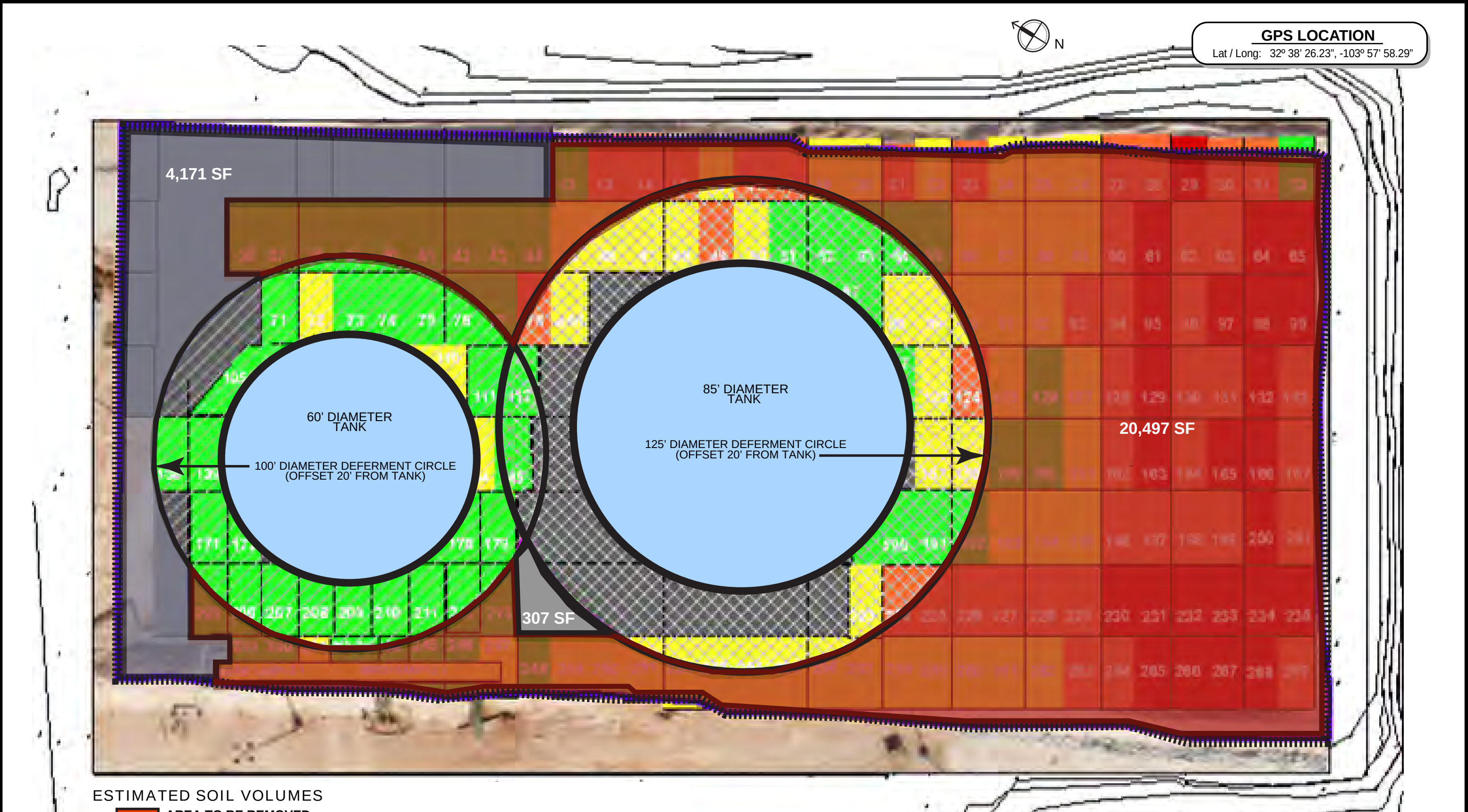
Project No

Env-LM-Bluestem Terminal

Spill-0028

FIGURE 1





ESTIMATED SOIL VOLUMES

-  AREA TO BE REMOVED
 $20,497 \text{ SF} \times 2 \text{ FT DEPTH} = 40,994 \text{ CUBIC FEET} = 1,518 \text{ CUBIC YARDS}$
-  UNAFFECTED SOIL TO REMAIN
 $4,171 + 307 = 4,478 \text{ SF} \times 2 \text{ FT DEPTH} = 8,956 \text{ CUBIC FEET} = 332 \text{ CUBIC YARDS}$
-  DEFERRED AREA AROUND TANKS
 $7854(-2827) + 12,272(-5674) \text{ LESS } 573 \text{ (INTERSECTION)} = 11,052 \text{ SF} \times 2 \text{ FT DEPTH} = 22,104 \text{ CUBIC FEET} = 819 \text{ CUBIC YARDS}$

 RESOLUTE COMPLIANCE, LLC Purposeful Solutions. Unwavering Service.	Client: LM ENERGY SITE: Bluestem Terminal Carlsbad, Eddy County, NM EXCAVATION VOLUMES	Project No Env-LM-0030 FIGURE 3

ATTACHMENT B – INITIAL RELEASE PHOTOS

Attachment B – Initial Release Photos



Photo 1: Drone Flyover of Containment Berm within 24 Hours of Spill



Photo 2: Containment Berm Sump within 24 Hours of Spill



Photo 3 – Containment Berm After Initial Oil Recovery and During Initial Soil Removal

ATTACHMENT C – ANALYTICAL RESULTS SUMMARY

Analytical Results Summary

SUMMARY OF ANALYTICAL RESULTS FOR Job ID: 890-1549-1
Bluestem Terminal Crude Spill
Carlsbad NM

Criteria Exceedance Criteria Below Criteria

			Chloride	Chloride Closure	Gasoline Range	Diesel Range Organics	Oil Range Organics	Total TPH	Total TPH Closure	GRO+DRO (mg/kg)	GRO+DRO Closure	Benzene	Benzene Closure	Toluene	Ethylbenzene	m,p-Xylenes	o-Xylene	Total Xylenes	Total BTEX	BTEX Closure	
			(mg/kg)	Criteria (mg/kg)	Organics (GRO)	(DRO)	(ORO)	(mg/kg)	Criteria (mg/kg)	(mg/kg)	Criteria (mg/kg)	(mg/kg)	Criteria (mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SAMPLE ID	SAMPLE DATE	SAMPLE DEPTH (IN)																			
P12	11/08/21 11:17	3	372	10000	4440	4910	427	9777	2500	9350	1000	21.1	10	0.979	20	50	16.6	66.6	109	50	
P13	11/08/21 11:20	3	54.4	10000	21800	29600	3210	54610	2500	51400	1000	95.1	10	7.23	104	247	85.4	332	539	50	
P14	11/08/21 11:23	3	69.7	10000	18000	30100	3170	51270	2500	48100	1000	76.5	10	2.26	101	241	88.6	330	509	50	
P15	11/08/21 11:27	3	111	10000	17300	25200	2680	45180	2500	42500	1000	59.2	10	507	81.8	196	69.7	266	914	50	
P16	11/08/21 11:30	3	26	10000	6730	9410	1090	17230	2500	16140	1000	55.7	10	2.06	60.5	159	34.9	209	312	50	
P17	11/08/21 11:37	3	58	10000	13100	21900	2360	37360	2500	35000	1000	56.2	10	2.55	58.3	141	43.6	185	302	50	
P18	11/08/21 11:38	3	56.1	10000	10800	20500	2180	33480	2500	31300	1000	97.9	10	315	102	246	79.7	326	841	50	
P19	11/08/21 11:43	3	54.8	10000	7840	14400	1510	23750	2500	22240	1000	6.67	10	29.7	9.25	23	36.7	31	105	50	
SP#1	11/08/21 11:48	3	66.9	10000	8070	13600	1510	23180	2500	21670	1000	39.6	10	149	46.9	112	38.6	147	386	50	
SP#2	11/08/21 11:52	3	72.8	10000	10300	17700	3070	31070	2500	28000	1000	21.9	10	475	37.5	184	29.3	243	748	50	
SP#3	11/08/21 11:58	3	90.4	10000	8410	19500	2030	29940	2500	27910	1000	18.2	10	284	118	289	92.3	381	810	50	
P23	11/08/21 12:04	3	104	10000	7120	24600	2720	34440	2500	31720	1000	7.89	10	117	33.2	136	28.7	182	323	50	
P24	11/08/21 12:10	3	113	10000	8410	19500	2030	29940	2500	27910	1000	21.6	10	190	78.7	186	37.7	246	514	50	
P25	11/08/21 12:16	3	27.5	10000	8600	16000	1730	26330	2500	24600	1000	18.2	10	186	88.4	206	35.4	272	534	50	
P26	11/08/21 12:28	3	49.6	10000	9820	17700	2040	29560	2500	27520	1000	27.6	10	187	79.5	190	34.9	255	519	50	
P27	11/08/21 12:32	3	88.3	10000	13900	26100	2220	42220	2500	40000	1000	70.7	10	532	149	347	114	461	1210	50	
P28	11/08/21 12:37	3	99.5	10000	14600	31400	3340	49340	2500	46000	1000	93.4	10	443	152	364	124	488	1180	50	
P29	11/08/21 12:27	3	99.6	10000	25100	35500	5730	66330	2500	60600	1000	91.2	10	424	155	362	116	478	1150	50	
P30	11/08/21 13:30	3	60.6	10000	15800	21300	2260	39360	2500	37100	1000	139	10	5.03	138	319	103	422	704	50	
P31	11/08/21 13:34	3	48.6	10000	12500	19200	1950	33650	2500	31700	1000	39.9	10	322	110	269	34.6	363	776	50	
P65	11/08/21 13:45	3	52.2	10000	32500	31000	2360	65860	2500	63500	1000	64.8	10	4.96	87.7	203	69.4	272	430	50	
P64	11/08/21 13:49	3	44.8	10000	36500	31400	2620	70520	2500	67900	1000	107	10	4.02	108	252	1.47	339	472	50	
P63	11/08/21 13:53	3	101	10000	21000	27300	2560	50860	2500	48300	1000	86.8	10	<9.98	144	379	125	504	735	50	
P62	11/08/21 13:57	3	97	10000	15100	27600	2540	45240	2500	42700	1000	62.6	10	792	133	326	116	442	1430	50	
P61	11/08/21 14:02	3	75.2	10000	28600	36900	3440	68940	2500	65500	1000	75.8	10	1030	98.4	238	80.8	319	1520	50	
P60	11/08/21 14:06	3	46.8	10000	21400	25900	2370	49670	2500	47300	1000	103	10	574	123	288	99.2	387	1190	50	
P59	11/08/21 14:10	3	340	10000	6970	12200	1220	20390	2500	19170	1000	19.3	10	162	70.3	174	64.4	238	490	50	
P58	11/08/21 14:28	3	88	10000	3460	9970	1010	14440	2500	13430	1000	8.21	10	81.2	42	108	37.1	145	277	50	
P57	11/08/21 14:32	3	47.5	10000	8720	16600	1660	26980	2500	25320	1000	22.8	10	150	60.2	151	54	205	438	50	
P56	11/08/21 14:40	3	4.99	10000	8190	17700	1680	27570	2500	25890	1000	17.6	10	0.186	0.0796	0.199	0.0713	0.27	18.1	50	
P55	11/08/21 14:52	3	97.9	10000	1400	2050	186	3636	2500	3450	1000	41.4	10	352	88.1	210	68.6	279	760	50	
P54	11/08/21 14:57	3	17.6	10000	1830	2580	250	4660	2500	4410	1000	80.6	10	757	133	315	110	425	1400	50	
P53	11/08/21 15:03	3	46.5	10000	2600	3010	275	5885	2500	5610	1000	59.6	10	262	96.6	232	82.3	314	733	50	
P52	11/08/21 15:07	3	5	10000	2030	3010	294	5334	2500	5040	1000	67.2	10	206	117	283	99.5	383	773	50	
P51	11/08/21 15:11	3	43.5	10000	2700	3080	288	6068	2500	5780	1000	36.1	10	187	65.6	160	57.5	218	506	50	
P50	11/08/21 15:14	3	88	10000	4190	7110	745	12045	2500	11300	1000	34.8	10	170	55.7	137	46.6	184	444	50	
P49	11/08/21 15:19	3	4.95	10000	2240	3050	280	5570	2500	5290	1000	0.436	10	2.03	0.677	2.62	1.53	4.15	7.29	50	
P200	11/9/21 14:15	3	21.1	10000	29700	30500	2640	62840	2500	60200	1000	73.7	10	34.2	69.2	206	4.9	211	394	50	
P199	11/9/21 14:20	3	94.9	10000	19000	25100	499	44599	2500	44100	1000	26.8	10	98.2	133	392	9.82	402	660	50	
P198	11/9/21 14:25	3	91.5	10000	16900	25400	498	42798	2500	42300	1000	22.2	10	52.5	39.6	229	30.8	239	374	50	
P197	11/9/21 14:30	3	20.2	10000	20000	25500	500	46000	2500	45500	1000	161	10	115	145	396	23.9	420	841	50	
P196	11/9/21 14:35	3	59.3	10000	23400	26000	498	49898	2500	49400	1000	138	10	1920	139	396	10.2	406	2600	50	
P195	11/9/21 14:40	3	80.1	10000	7010	9640	249	16899	2500	16650	1000	29.1	10	172	48.4	162	37	165	449	50	
P193	11/9/21 14:45	3	87	10000	49.8	1420	49.8	1519.6	2500	1469.8	1000	0.66	10	286	0.98	2.4	0.766	3.17	7.67	50	
P192	11/9/21 14:50	3	165	10000	49.9	3390	49.9	3489.8	2500	3439.9	1000	0.1	10	0.658	0.236	0.643	0.213	0.856	1.75	50	
P191	11/9/21 14:55	3	145	10000	673	3740	49.8	4462.8	2500	4413	1000	0.625	10	5.35	3.9	10.4	4.21	14.6	24.5	50	
P190	11/9/21 15:00	3	333	10000	187	2470	49.9	2706.9	2500	2657	1000	0.435	10	2.18	1.49	3.66	1.29	4.95	9.06	50	
P48	11/9/21 7:14	3	83.7	10000	12900	13600	250	26750	2500	26500	1000	24.5	10	931	84.5	227	32.1	237	1300	50	
P47	11/9/21 7:24	3	82.4	10000	12300	13700	249	26249	2500	26000	1000	29.8	10	524	87.5	263	35.7	273	940	50	
P46	11/9/21 7:23	3	5.04	10000	10200	11500	250	21950	2500	21700	1000	21.6	10	177	58.5	171	36.7	177	465	50	
P45	11/9/21 7:47	3	157	10000	2260	7770	249	10279	2500	10030	1000	3.1	10	25.9	13	33.6	12.7	46.3	88.3	50	
P44	11/9/21 7:51	3	96.3	10000	1890	5390	50	7330	2500	7280	1000	3.37	10	28.3	13.3	33.1	12.2	45.3	90.3	50	
P43	11/9/21 7:56	3	45.1	10000	2060	3440	49.8	5549.8	2500	5500	1000	7.16	10	38.8	23	56.8	21.3	78.1	147	50	
P42	11/9/21 8:01	3	319	10000	213	6380	49.9	6642.9	2500	6593	1000	1.47	10	7.01	2.44	5.82	2.22	8.04	19	50	
P41	11/9/21 8:07	3	213	10000	218	4890	49.9	5157.9	2500	5108	1000	0.501	10	3.26	2.02	4.24	1.66	5.9	11.7	50	
P40	11/9/21 8:12	3	173	10000	818	3390	49.9	4257.9	2500	4208	1000	1.17	10	11.4	5.93	15	5.25	20.3	38.8	50	
P39	11/9/21 8:21	3	72.6	10000	458	4400	49.8	4907.8	2500	4858	1000	0.955	10	6.87	3.34	8.2	2.45	10.7	21.8	50	
P38	11/9/21 8:29	3	151	10000	114	4490	552	5156	2500	4604	1000	0.614	10	3.2	1.37	4.94	0.206	5.15	10.3	50	
P37	11/9/21 9:06	3	205	10000	250	7730	1240	9220	2500	7980	1000	0.202	10	1.11	0.883	3.41	0.202	3.41	5.4	50	
P36	11/9/21 9:15	3	119	10000	49.8	3700	533	4282.8	2500	3749.8	1000	0.2	10	0.2	0.2	0.399	0.2	0.399	0.399	50	
P99	11/9/21 9:35	3	20.7	10000	29600	32700	3000	65300													

Analytical Results Summary

SUMMARY OF ANALYTICAL RESULTS FOR Job ID: 890-1549-1

Bluestem Terminal Crude Spill

Carlsbad NM

Criteria Exceedance	Criteria	Below Criteria

P127	11/9/21 11:53	3	78	10000	7520	14500	1770	23790	2500	22020	1000	45.8	10	195	61.7	187	5.61	193	495	50
P126	11/9/21 12:00	3	71.9	10000	2510	6660	712	9882	2500	9170	1000	7.53	10	64.6	28.6	91.7	4.79	96.5	197	50
P125	11/9/21 12:38	3	77.7	10000	7830	11700	1670	21200	2500	19530	1000	39.7	10	160	54.3	160	11.8	172	426	50
P124	11/9/21 12:50	3	81.6	10000	15400	22900	2500	40800	2500	38300	1000	100	10	92.2	118	363	14.6	378	688	50
P123	11/9/21 12:55	3	89.1	10000	9710	16900	1960	28570	2500	26610	1000	49.4	10	189	58.2	174	8.27	182	479	50
P122	11/9/21 13:01	3	97.6	10000	49.9	665	74.8	789.7	2500	714.9	1000	7.74	10	35.5	18.8	35	1.01	35	97	50
P167	11/9/21 13:17	3	65.3	10000	21900	28500	3740	54140	2500	50400	1000	114	10	88.9	90.4	281	1.2	282	576	50
P166	11/9/21 13:21	3	75.5	10000	27300	36000	3850	67150	2500	63300	1000	165	10	80.2	93.8	266	6.07	272	611	50
P165	11/9/21 13:26	3	93	10000	24200	38600	4470	67270	2500	62800	1000	159	10	100	112	323	8.12	331	702	50
P164	11/9/21 13:29	3	115	10000	17000	35800	4340	57140	2500	52800	1000	129	10	80.9	101	449	8.13	318	768	50
P163	11/9/21 13:35	3	99.6	10000	18500	37500	4110	60110	2500	56000	1000	134	10	85.2	110	310	6.58	317	646	50
P162	11/9/21 13:40	3	89.5	10000	17200	34400	3590	55190	2500	51600	1000	133	10	75	123	356	8.18	364	695	50
P161	11/9/21 13:45	3	75.1	10000	8670	14900	1610	25180	2500	23570	1000	65	10	61.4	74.1	213	0.994	213	414	50
P160	11/9/21 13:50	3	83.2	10000	49.8	321	49.8	420.6	2500	370.8	1000	1	10	2.38	17.7	2	1	2	20.1	50
P159	11/9/21 13:55	3	73.7	10000	821	3820	405	5046	2500	4641	1000	1.01	10	12.4	11.9	26.7	4.1	30.8	55.1	50
P158	11/9/21 14:00	3	90	10000	6980	11300	1200	19480	2500	18280	1000	39.3	10	184	56	174	5.2	179	459	50
P157	11/9/21 14:05	3	68.1	10000	5830	9270	1020	16120	2500	15100	1000	19.6	10	110	38.9	117	7.07	124	293	50
P201	11/9/21 14:10	3	57.5	10000	15200	18300	1890	35390	2500	33500	1000	158	10	676	197	493	181	2.01	1710	50
P235	11/10/21 7:00	3	87.8	10000	32600	34200	2710	69510	2500	66800	1000	155	10	102	120	289	89.9	379	756	50
P234	11/10/21 7:05	3	75.2	10000	39700	37800	2980	80480	2500	77500	1000	198	10	105	137	317	105	422	862	50
P233	11/10/21 7:10	3	71.8	10000	35700	38700	3180	77580	2500	74400	1000	191	10	99.5	132	306	100	406	829	50
P232	11/10/21 7:15	3	95	10000	25300	35400	3000	63700	2500	60700	1000	126	10	77.1	115	267	88.1	355	673	50
P231	11/10/21 7:20	3	73.5	10000	28900	35100	2890	66890	2500	64000	1000	185	10	123	174	397	130	527	1010	50
P230	11/10/21 7:25	3	75.4	10000	40900	38100	2920	81920	2500	79000	1000	179	10	88.7	117	290	96.7	387	771	50
SP SW#1	11/10/21 7:30	3	104	10000	8540	21900	2110	32550	2500	30440	1000	41.6	10	143	58.9	137	44.4	181	425	50
SP SW#2	11/10/21 7:35	3	125	10000	8960	21600	1830	32390	2500	30560	1000	8.18	10	71.6	41.4	99.6	33.4	133	254	50
SP SW#3	11/10/21 7:40	3	105	10000	15400	23200	1920	40520	2500	38600	1000	31.1	10	181	71.9	166	52.8	219	503	50
SP SW#4	11/10/21 7:50	3	141	10000	4250	14500	1280	20030	2500	18750	1000	6.07	10	47.5	26.5	66	23.5	89.5	170	50
P224	11/10/21 7:55	3	107	10000	15600	20000	1610	37210	2500	35600	1000	60.6	10	180	53.5	130	42	173	467	50
P223	11/10/21 8:00	3	137	10000	4850	9670	886	15406	2500	14520	1000	16.2	10	82.3	31	73.1	25.7	98.8	228	50
P269	11/10/21 8:15	3	69	10000	24300	30700	2920	57920	2500	55000	1000	162	10	99.4	147	330	107	437	845	50
P268	11/10/21 8:20	3	62	10000	34100	32400	2600	69100	2500	66500	1000	69.1	10	115	145	343	113	456	785	50
P267	11/10/21 8:25	3	61.3	10000	29000	38200	3160	70360	2500	67200	1000	187	10	110	162	373	124	497	956	50
P266	11/10/21 8:30	3	62.2	10000	30900	35700	2980	69580	2500	66600	1000	340	10	1240	190	848	138	1160	2760	50
P265	11/10/21 8:32	3	73.8	10000	29200	34800	2820	66820	2500	64000	1000	185	10	737	162	386	131	517	1600	50
P264	11/10/21 8:36	3	303	10000	19500	28500	2490	50490	2500	48000	1000	97.1	10	814	130	297	96	393	1430	50
P263	11/10/21 8:41	3	413	10000	19700	29100	2510	51310	2500	48800	1000	99.9	10	593	127	294	97.9	392	1210	50
P262	11/10/21 9:00	3	423	10000	3640	9290	250	13180	2500	12930	1000	16.5	10	108	44.4	105	38.3	143	312	50
P261	11/10/21 9:05	3	900	10000	3130	17300	500	20930	2500	20430	1000	16.9	10	88	39.7	92	30.8	123	267	50
SP SW#5	11/10/21 9:10	3	116	10000	3200	19700	499	23399	2500	22900	1000	12.5	10	107	54.7	130	43.8	174	348	50
SP SW#6	11/10/21 9:15	3	123	10000	5210	15800	249	21259	2500	21010	1000	44.1	10	561	81.9	189	62.4	251	938	50
P258	11/10/21 9:20	3	105	10000	8890	18900	250	28040	2500	27790	1000	110	10	514	105	240	78.2	318	1050	50
P257	11/10/21 9:33	3	190>																	

Analytical Results Summary

SUMMARY OF ANALYTICAL RESULTS FOR Job ID: 890-1549-1

Bluestem Terminal Crude Spill

Criteria Exceedance	Criteria	Below Criteria

Carlsbad NM																				
P75	11/11/21 8:09	3	62.7	10000	2980	4300	438	7718	2500	7280	1000	30.5	10	64.4	29	46	14.7	60.7	185	50
P76	11/11/21 8:45	3	112	10000	1400	2540	429	4369	2500	3940	1000	7.3	10	35.1	15.7	34.4	10.2	44.6	103	50
P77	11/11/21 8:50	3	111	10000	1600	4550	448	6598	2500	6150	1000	3.32	10	22	10.7	22.7	7.55	30.3	66.3	50
P44R	11/11/21 9:04	3	96.4	10000	8310	15900	1310	25520	2500	24210	1000	27	10	122	48.3	107	34.6	142	339	50
Berm#1	11/11/21 9:10	3	99.4	10000	6940	10700	1060	18700	2500	17640	1000	29.6	10	143	52.1	116	37.2	153	378	50
Berm#2	11/11/21 9:15	3	178	10000	7640	14500	1560	23700	2500	22140	1000	45.3	10	151	46.3	109	35.2	144	387	50

ATTACHMENT C – ANALYTICAL REPORTS



Environment Testing
America

ANALYTICAL REPORT

Eurofins Xenco, Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Tel: (575)988-3199

Laboratory Job ID: 890-1549-1
Client Project/Site: Blue Stem

For:
Resolute Compliance LLC
115 FM 2453
Suite A
Royse City, Texas 75189

Attn: James Vanassche

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:
11/15/2021 7:58:00 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Laboratory Job ID: 890-1549-1

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	6
Surrogate Summary	37
QC Sample Results	40
QC Association Summary	57
Lab Chronicle	69
Certification Summary	83
Method Summary	84
Sample Summary	85
Chain of Custody	86
Receipt Checklists	95

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Eurofins Xenco, Carlsbad

Case Narrative

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Job ID: 890-1549-1

Laboratory: Eurofins Xenco, Carlsbad

Narrative

Job Narrative
890-1549-1

Receipt

The samples were received on 11/8/2021 4:32 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.4°C

GC VOA

Method 8021B: The following samples were diluted due to the nature of the sample matrix: P65 (890-1549-21), P64 (890-1549-22), P63 (890-1549-23), P62 (890-1549-24), P61 (890-1549-25), P60 (890-1549-26), P59 (890-1549-27), P58 (890-1549-28), P57 (890-1549-29), P56 (890-1549-30), P55 (890-1549-31), P54 (890-1549-32), P53 (890-1549-33), P52 (890-1549-34), P51 (890-1549-35), P50 (890-1549-36) and P49 (890-1549-37) at 50.0, 50.0, 50.0, 50.0, 50.0, 50.0, 50.0, 50.0, 50.0, 50.0, 50.0, 50.0, 50.0, 50.0, 50.0 and 50.0. Elevated reporting limits (RLs) are provided.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: P12 (890-1549-1), P13 (890-1549-2), P14 (890-1549-3), P15 (890-1549-4), P16 (890-1549-5), P17 (890-1549-6), P18 (890-1549-7), P19 (890-1549-8), SP#1 (890-1549-9), SP#2 (890-1549-10), SP#3 (890-1549-11), P23 (890-1549-12), P24 (890-1549-13), P25 (890-1549-14), P26 (890-1549-15), P27 (890-1549-16), P28 (890-1549-17), P29 (890-1549-18), P30 (890-1549-19), P31 (890-1549-20), (890-1549-A-1-A MS) and (890-1549-A-1-B MSD) at 100.0, 100.0, 100.0, 100.0, 100.0, 100.0, 100.0, 100.0, 100.0, 100.0, 100.0, 100.0, 100.0, 100.0, 100.0, 100.0, 100.0, 100.0, 100.0 and 100.0. Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: P64 (890-1549-22), P62 (890-1549-24), P60 (890-1549-26), P55 (890-1549-31) and P54 (890-1549-32). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: P17 (890-1549-6), P18 (890-1549-7), SP#2 (890-1549-10), SP#3 (890-1549-11), P23 (890-1549-12), P24 (890-1549-13), P25 (890-1549-14), P26 (890-1549-15), P27 (890-1549-16), P28 (890-1549-17), P29 (890-1549-18), P30 (890-1549-19) and P31 (890-1549-20). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-12121 and analytical batch 880-12115 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: P12 (890-1549-1), P65 (890-1549-21), P64 (890-1549-22), P62 (890-1549-24), P60 (890-1549-26), P59 (890-1549-27), P58 (890-1549-28), P57 (890-1549-29), P56 (890-1549-30), P55 (890-1549-31), P54 (890-1549-32), P53 (890-1549-33), P52 (890-1549-34), P51 (890-1549-35) and P49 (890-1549-37). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: P13 (890-1549-2), P14 (890-1549-3), P15 (890-1549-4), P16 (890-1549-5), P17 (890-1549-6), P18 (890-1549-7), P19 (890-1549-8), SP#1 (890-1549-9), SP#2 (890-1549-10), SP#3 (890-1549-11), P23 (890-1549-12), P24 (890-1549-13), P25 (890-1549-14), P26 (890-1549-15), P27 (890-1549-16), P28 (890-1549-17), P29 (890-1549-18), P30 (890-1549-19), P31 (890-1549-20), P50 (890-1549-36), (MB 880-11949/1-A), (890-1549-A-36-D MS) and (890-1549-A-36-E MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D: Spike compounds were inadvertently omitted during the extraction process for the matrix spike/matrix spike duplicate (MS/MSD); therefore, matrix spike recoveries are unavailable for preparation batch 880-12131 and analytical batch 880-12202.

Case Narrative

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Job ID: 890-1549-1 (Continued)

Laboratory: Eurofins Xenco, Carlsbad (Continued)

The associated laboratory control sample (LCS) met acceptance criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: P12

Lab Sample ID: 890-1549-1

Date Collected: 11/08/21 11:17

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	21.1		0.199		mg/Kg		11/10/21 08:45	11/11/21 01:47	100
Toluene	0.979		0.199		mg/Kg		11/10/21 08:45	11/11/21 01:47	100
Ethylbenzene	20.0		0.199		mg/Kg		11/10/21 08:45	11/11/21 01:47	100
m-Xylene & p-Xylene	50.0		0.398		mg/Kg		11/10/21 08:45	11/11/21 01:47	100
o-Xylene	16.6		0.199		mg/Kg		11/10/21 08:45	11/11/21 01:47	100
Xylenes, Total	66.6		0.398		mg/Kg		11/10/21 08:45	11/11/21 01:47	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	70		70 - 130	11/10/21 08:45	11/11/21 01:47	100
1,4-Difluorobenzene (Surr)	47	S1-	70 - 130	11/10/21 08:45	11/11/21 01:47	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	109		0.398		mg/Kg			11/11/21 14:14	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	9780		49.9		mg/Kg			11/11/21 15:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	4440		49.9		mg/Kg		11/10/21 10:56	11/11/21 18:08	1
Diesel Range Organics (Over C10-C28)	4910		49.9		mg/Kg		11/10/21 10:56	11/11/21 18:08	1
Oil Range Organics (Over C28-C36)	427		49.9		mg/Kg		11/10/21 10:56	11/11/21 18:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	44	S1-	70 - 130	11/10/21 10:56	11/11/21 18:08	1
o-Terphenyl	82		70 - 130	11/10/21 10:56	11/11/21 18:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	372		4.95		mg/Kg			11/15/21 12:21	1

Client Sample ID: P13

Lab Sample ID: 890-1549-2

Date Collected: 11/08/21 11:20

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	95.1		0.990		mg/Kg		11/10/21 11:30	11/12/21 07:59	500
Toluene	7.23		0.198		mg/Kg		11/10/21 08:45	11/11/21 02:08	100
Ethylbenzene	104		0.990		mg/Kg		11/10/21 11:30	11/12/21 07:59	500
m-Xylene & p-Xylene	247		1.98		mg/Kg		11/10/21 11:30	11/12/21 07:59	500
o-Xylene	85.4		0.990		mg/Kg		11/10/21 11:30	11/12/21 07:59	500
Xylenes, Total	332		1.98		mg/Kg		11/10/21 11:30	11/12/21 07:59	500

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: P13

Lab Sample ID: 890-1549-2

Date Collected: 11/08/21 11:20

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	387	S1+	70 - 130				11/10/21 08:45	11/11/21 02:08	100
1,4-Difluorobenzene (Surr)	129		70 - 130				11/10/21 08:45	11/11/21 02:08	100
Method: Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	539		1.98		mg/Kg			11/11/21 14:14	1
Method: 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	54600		499		mg/Kg			11/11/21 15:00	1
Method: 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	21800		499		mg/Kg		11/10/21 13:55	11/11/21 22:53	10
Diesel Range Organics (Over C10-C28)	29600		499		mg/Kg		11/10/21 13:55	11/11/21 22:53	10
Oil Range Organics (Over C28-C36)	3210		499		mg/Kg		11/10/21 13:55	11/11/21 22:53	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				11/10/21 13:55	11/11/21 22:53	10
o-Terphenyl	133	S1+	70 - 130				11/10/21 13:55	11/11/21 22:53	10
Method: 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54.4		5.05		mg/Kg			11/13/21 22:42	1

Client Sample ID: P14

Lab Sample ID: 890-1549-3

Date Collected: 11/08/21 11:23

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	76.5		1.00		mg/Kg		11/10/21 11:30	11/12/21 08:20	500
Toluene	2.26		0.199		mg/Kg		11/10/21 08:45	11/11/21 02:28	100
Ethylbenzene	101		1.00		mg/Kg		11/10/21 11:30	11/12/21 08:20	500
m-Xylene & p-Xylene	241		2.01		mg/Kg		11/10/21 11:30	11/12/21 08:20	500
o-Xylene	88.6		1.00		mg/Kg		11/10/21 11:30	11/12/21 08:20	500
Xylenes, Total	330		2.01		mg/Kg		11/10/21 11:30	11/12/21 08:20	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	323	S1+	70 - 130				11/10/21 08:45	11/11/21 02:28	100
1,4-Difluorobenzene (Surr)	88		70 - 130				11/10/21 08:45	11/11/21 02:28	100
Method: Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	509		2.01		mg/Kg			11/11/21 14:14	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: P14

Lab Sample ID: 890-1549-3

Date Collected: 11/08/21 11:23

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	51300		498		mg/Kg			11/11/21 15:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	18000		498		mg/Kg		11/10/21 13:55	11/11/21 23:17	10
Diesel Range Organics (Over C10-C28)	30100		498		mg/Kg		11/10/21 13:55	11/11/21 23:17	10
Oil Range Organics (Over C28-C36)	3170		498		mg/Kg		11/10/21 13:55	11/11/21 23:17	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				11/10/21 13:55	11/11/21 23:17	10
o-Terphenyl	134	S1+	70 - 130				11/10/21 13:55	11/11/21 23:17	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	69.7		4.97		mg/Kg			11/13/21 22:47	1

Client Sample ID: P15

Lab Sample ID: 890-1549-4

Date Collected: 11/08/21 11:27

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	59.2		1.00		mg/Kg		11/10/21 11:30	11/12/21 08:40	500
Toluene	507		10.0		mg/Kg		11/12/21 11:20	11/13/21 05:08	5000
Ethylbenzene	81.8		1.00		mg/Kg		11/10/21 11:30	11/12/21 08:40	500
m-Xylene & p-Xylene	196		2.00		mg/Kg		11/10/21 11:30	11/12/21 08:40	500
o-Xylene	69.7		1.00		mg/Kg		11/10/21 11:30	11/12/21 08:40	500
Xylenes, Total	266		2.00		mg/Kg		11/10/21 11:30	11/12/21 08:40	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	256	S1+	70 - 130				11/10/21 08:45	11/11/21 02:49	100
1,4-Difluorobenzene (Surr)	103		70 - 130				11/10/21 08:45	11/11/21 02:49	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	914		2.00		mg/Kg			11/11/21 14:14	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	45200		250		mg/Kg			11/11/21 15:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	17300		250		mg/Kg		11/10/21 13:55	11/11/21 23:43	5
Diesel Range Organics (Over C10-C28)	25200		250		mg/Kg		11/10/21 13:55	11/11/21 23:43	5

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: P15

Lab Sample ID: 890-1549-4

Date Collected: 11/08/21 11:27

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	2680		250		mg/Kg		11/10/21 13:55	11/11/21 23:43	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	251	S1+	70 - 130				11/10/21 13:55	11/11/21 23:43	5
o-Terphenyl	123		70 - 130				11/10/21 13:55	11/11/21 23:43	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	111		4.95		mg/Kg			11/13/21 22:52	1

Client Sample ID: P16

Lab Sample ID: 890-1549-5

Date Collected: 11/08/21 11:30

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	55.7		1.01		mg/Kg		11/10/21 11:30	11/12/21 09:00	500
Toluene	2.06		0.199		mg/Kg		11/10/21 08:45	11/11/21 03:09	100
Ethylbenzene	60.5		1.01		mg/Kg		11/10/21 11:30	11/12/21 09:00	500
m-Xylene & p-Xylene	159		2.02		mg/Kg		11/10/21 11:30	11/12/21 09:00	500
o-Xylene	34.9		0.199		mg/Kg		11/10/21 08:45	11/11/21 03:09	100
Xylenes, Total	209		2.02		mg/Kg		11/10/21 11:30	11/12/21 09:00	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	168	S1+	70 - 130				11/10/21 08:45	11/11/21 03:09	100
1,4-Difluorobenzene (Surr)	118		70 - 130				11/10/21 08:45	11/11/21 03:09	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	312		2.02		mg/Kg			11/11/21 14:14	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	17200		249		mg/Kg			11/11/21 15:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	6730		249		mg/Kg		11/10/21 13:55	11/12/21 00:09	5
Diesel Range Organics (Over C10-C28)	9410		249		mg/Kg		11/10/21 13:55	11/12/21 00:09	5
Oil Range Organics (Over C28-C36)	1090		249		mg/Kg		11/10/21 13:55	11/12/21 00:09	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	173	S1+	70 - 130				11/10/21 13:55	11/12/21 00:09	5
o-Terphenyl	136	S1+	70 - 130				11/10/21 13:55	11/12/21 00:09	5

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: P16

Lab Sample ID: 890-1549-5

Date Collected: 11/08/21 11:30

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.0		5.00		mg/Kg			11/13/21 22:57	1

Client Sample ID: P17

Lab Sample ID: 890-1549-6

Date Collected: 11/08/21 11:37

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	56.2		0.994		mg/Kg		11/11/21 09:53	11/11/21 16:01	500
Toluene	2.55		0.199		mg/Kg		11/10/21 08:45	11/11/21 03:29	100
Ethylbenzene	58.3		0.994		mg/Kg		11/11/21 09:53	11/11/21 16:01	500
m-Xylene & p-Xylene	141		1.99		mg/Kg		11/11/21 09:53	11/11/21 16:01	500
o-Xylene	43.6		0.994		mg/Kg		11/11/21 09:53	11/11/21 16:01	500
Xylenes, Total	185		1.99		mg/Kg		11/11/21 09:53	11/11/21 16:01	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	250	S1+	70 - 130				11/10/21 08:45	11/11/21 03:29	100
1,4-Difluorobenzene (Surr)	113		70 - 130				11/10/21 08:45	11/11/21 03:29	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	302		1.99		mg/Kg			11/11/21 14:14	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	37400		249		mg/Kg			11/11/21 15:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	13100		249		mg/Kg		11/10/21 13:55	11/12/21 00:36	5
Diesel Range Organics (Over C10-C28)	21900		249		mg/Kg		11/10/21 13:55	11/12/21 00:36	5
Oil Range Organics (Over C28-C36)	2360		249		mg/Kg		11/10/21 13:55	11/12/21 00:36	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	169	S1+	70 - 130				11/10/21 13:55	11/12/21 00:36	5
o-Terphenyl	121		70 - 130				11/10/21 13:55	11/12/21 00:36	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	58.0		5.00		mg/Kg			11/13/21 23:12	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: P18

Lab Sample ID: 890-1549-7

Date Collected: 11/08/21 11:38

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	97.9		2.01		mg/Kg		11/11/21 09:53	11/11/21 16:22	1000
Toluene	315		2.01		mg/Kg		11/11/21 09:53	11/11/21 16:22	1000
Ethylbenzene	102		2.01		mg/Kg		11/11/21 09:53	11/11/21 16:22	1000
m-Xylene & p-Xylene	246		4.02		mg/Kg		11/11/21 09:53	11/11/21 16:22	1000
o-Xylene	79.7		2.01		mg/Kg		11/11/21 09:53	11/11/21 16:22	1000
Xylenes, Total	326		4.02		mg/Kg		11/11/21 09:53	11/11/21 16:22	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	245	S1+	70 - 130	11/10/21 08:45	11/11/21 03:50	100
1,4-Difluorobenzene (Surr)	88		70 - 130	11/10/21 08:45	11/11/21 03:50	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	841		4.02		mg/Kg			11/11/21 14:14	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	33500		249		mg/Kg			11/11/21 15:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	10800		249		mg/Kg		11/10/21 13:55	11/12/21 01:01	5
Diesel Range Organics (Over C10-C28)	20500		249		mg/Kg		11/10/21 13:55	11/12/21 01:01	5
Oil Range Organics (Over C28-C36)	2180		249		mg/Kg		11/10/21 13:55	11/12/21 01:01	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	216	S1+	70 - 130	11/10/21 13:55	11/12/21 01:01	5
o-Terphenyl	127		70 - 130	11/10/21 13:55	11/12/21 01:01	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	56.1		5.02		mg/Kg			11/13/21 23:16	1

Client Sample ID: P19

Lab Sample ID: 890-1549-8

Date Collected: 11/08/21 11:43

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	6.67		0.998		mg/Kg		11/11/21 09:53	11/11/21 20:53	500
Toluene	29.7		0.998		mg/Kg		11/11/21 09:53	11/11/21 20:53	500
Ethylbenzene	9.25		0.998		mg/Kg		11/11/21 09:53	11/11/21 20:53	500
m-Xylene & p-Xylene	23.0		2.00		mg/Kg		11/11/21 09:53	11/11/21 20:53	500
o-Xylene	36.7		0.198		mg/Kg		11/10/21 08:45	11/11/21 04:10	100
Xylenes, Total	31.0		2.00		mg/Kg		11/11/21 09:53	11/11/21 20:53	500

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: P19

Lab Sample ID: 890-1549-8

Date Collected: 11/08/21 11:43

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	206	S1+	70 - 130	11/10/21 08:45	11/11/21 04:10	100
1,4-Difluorobenzene (Surr)	126		70 - 130	11/10/21 08:45	11/11/21 04:10	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	105		2.00		mg/Kg			11/11/21 14:14	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	23800		250		mg/Kg			11/11/21 15:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	7840		250		mg/Kg		11/10/21 13:55	11/12/21 01:25	5
Diesel Range Organics (Over C10-C28)	14400		250		mg/Kg		11/10/21 13:55	11/12/21 01:25	5
Oil Range Organics (Over C28-C36)	1510		250		mg/Kg		11/10/21 13:55	11/12/21 01:25	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	195	S1+	70 - 130				11/10/21 13:55	11/12/21 01:25	5
o-Terphenyl	125		70 - 130				11/10/21 13:55	11/12/21 01:25	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54.8		4.99		mg/Kg			11/13/21 23:21	1

Client Sample ID: SP#1

Lab Sample ID: 890-1549-9

Date Collected: 11/08/21 11:48

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	39.6		0.199		mg/Kg		11/10/21 08:45	11/11/21 04:31	100
Toluene	149		1.00		mg/Kg		11/11/21 09:53	11/11/21 21:13	500
Ethylbenzene	46.9		1.00		mg/Kg		11/11/21 09:53	11/11/21 21:13	500
m-Xylene & p-Xylene	112		2.00		mg/Kg		11/11/21 09:53	11/11/21 21:13	500
o-Xylene	38.6		0.199		mg/Kg		11/10/21 08:45	11/11/21 04:31	100
Xylenes, Total	147		2.00		mg/Kg		11/11/21 09:53	11/11/21 21:13	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	263	S1+	70 - 130				11/10/21 08:45	11/11/21 04:31	100
1,4-Difluorobenzene (Surr)	143	S1+	70 - 130				11/10/21 08:45	11/11/21 04:31	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	386		2.00		mg/Kg			11/11/21 14:14	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: SP#1

Lab Sample ID: 890-1549-9

Date Collected: 11/08/21 11:48

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	23200		249		mg/Kg			11/11/21 15:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	8070		249		mg/Kg		11/10/21 13:55	11/12/21 01:48	5
Diesel Range Organics (Over C10-C28)	13600		249		mg/Kg		11/10/21 13:55	11/12/21 01:48	5
Oil Range Organics (Over C28-C36)	1510		249		mg/Kg		11/10/21 13:55	11/12/21 01:48	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	198	S1+	70 - 130				11/10/21 13:55	11/12/21 01:48	5
o-Terphenyl	133	S1+	70 - 130				11/10/21 13:55	11/12/21 01:48	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66.9		5.00		mg/Kg			11/13/21 23:26	1

Client Sample ID: SP#2

Lab Sample ID: 890-1549-10

Date Collected: 11/08/21 11:52

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	21.9		0.199		mg/Kg		11/10/21 08:45	11/11/21 04:51	100
Toluene	475		9.94		mg/Kg		11/12/21 10:30	11/12/21 16:13	5000
Ethylbenzene	37.5		0.199		mg/Kg		11/10/21 08:45	11/11/21 04:51	100
m-Xylene & p-Xylene	184		2.01		mg/Kg		11/11/21 09:53	11/11/21 21:34	500
o-Xylene	29.3		0.199		mg/Kg		11/10/21 08:45	11/11/21 04:51	100
Xylenes, Total	243		2.01		mg/Kg		11/11/21 09:53	11/11/21 21:34	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	217	S1+	70 - 130				11/10/21 08:45	11/11/21 04:51	100
1,4-Difluorobenzene (Surr)	94		70 - 130				11/10/21 08:45	11/11/21 04:51	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	748		2.01		mg/Kg			11/11/21 14:14	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	31100		250		mg/Kg			11/11/21 15:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	10300		250		mg/Kg		11/10/21 13:55	11/12/21 02:14	5
Diesel Range Organics (Over C10-C28)	17700		250		mg/Kg		11/10/21 13:55	11/12/21 02:14	5

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: SP#2

Lab Sample ID: 890-1549-10

Date Collected: 11/08/21 11:52

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	3070		250		mg/Kg		11/10/21 13:55	11/12/21 02:14	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	224	S1+	70 - 130				11/10/21 13:55	11/12/21 02:14	5
o-Terphenyl	176	S1+	70 - 130				11/10/21 13:55	11/12/21 02:14	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	72.8		4.98		mg/Kg			11/13/21 23:31	1

Client Sample ID: SP#3

Lab Sample ID: 890-1549-11

Date Collected: 11/08/21 11:58

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	26.6		0.200		mg/Kg		11/10/21 08:45	11/11/21 06:13	100
Toluene	284		2.01		mg/Kg		11/11/21 09:53	11/11/21 22:56	1000
Ethylbenzene	118		2.01		mg/Kg		11/11/21 09:53	11/11/21 22:56	1000
m-Xylene & p-Xylene	289		4.02		mg/Kg		11/11/21 09:53	11/11/21 22:56	1000
o-Xylene	92.3		2.01		mg/Kg		11/11/21 09:53	11/11/21 22:56	1000
Xylenes, Total	381		4.02		mg/Kg		11/11/21 09:53	11/11/21 22:56	1000
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	241	S1+	70 - 130				11/10/21 08:45	11/11/21 06:13	100
1,4-Difluorobenzene (Surr)	125		70 - 130				11/10/21 08:45	11/11/21 06:13	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	810		4.02		mg/Kg			11/11/21 14:14	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	41200		500		mg/Kg			11/11/21 15:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	11600		500		mg/Kg		11/10/21 13:55	11/12/21 03:01	10
Diesel Range Organics (Over C10-C28)	25400		500		mg/Kg		11/10/21 13:55	11/12/21 03:01	10
Oil Range Organics (Over C28-C36)	4160		500		mg/Kg		11/10/21 13:55	11/12/21 03:01	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	243	S1+	70 - 130				11/10/21 13:55	11/12/21 03:01	10
o-Terphenyl	240	S1+	70 - 130				11/10/21 13:55	11/12/21 03:01	10

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: SP#3

Lab Sample ID: 890-1549-11

Date Collected: 11/08/21 11:58

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	90.4		5.00		mg/Kg			11/13/21 23:36	1

Client Sample ID: P23

Lab Sample ID: 890-1549-12

Date Collected: 11/08/21 12:04

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	7.89		0.199		mg/Kg		11/10/21 08:45	11/11/21 06:33	100
Toluene	117		1.00		mg/Kg		11/11/21 09:53	11/11/21 23:16	500
Ethylbenzene	33.2		0.199		mg/Kg		11/10/21 08:45	11/11/21 06:33	100
m-Xylene & p-Xylene	136		2.00		mg/Kg		11/11/21 09:53	11/11/21 23:16	500
o-Xylene	28.7		0.199		mg/Kg		11/10/21 08:45	11/11/21 06:33	100
Xylenes, Total	182		2.00		mg/Kg		11/11/21 09:53	11/11/21 23:16	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	193	S1+	70 - 130				11/10/21 08:45	11/11/21 06:33	100
1,4-Difluorobenzene (Surr)	100		70 - 130				11/10/21 08:45	11/11/21 06:33	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	323		2.00		mg/Kg			11/11/21 14:14	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	34400		499		mg/Kg			11/11/21 15:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	7120		499		mg/Kg		11/10/21 13:55	11/12/21 03:31	10
Diesel Range Organics (Over C10-C28)	24600		499		mg/Kg		11/10/21 13:55	11/12/21 03:31	10
Oil Range Organics (Over C28-C36)	2720		499		mg/Kg		11/10/21 13:55	11/12/21 03:31	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	232	S1+	70 - 130				11/10/21 13:55	11/12/21 03:31	10
o-Terphenyl	141	S1+	70 - 130				11/10/21 13:55	11/12/21 03:31	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	104		4.95		mg/Kg			11/13/21 23:51	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: P24

Lab Sample ID: 890-1549-13

Date Collected: 11/08/21 12:10

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	21.6		0.199		mg/Kg		11/10/21 08:45	11/11/21 06:54	100
Toluene	190		2.00		mg/Kg		11/11/21 09:53	11/11/21 23:37	1000
Ethylbenzene	78.7		2.00		mg/Kg		11/11/21 09:53	11/11/21 23:37	1000
m-Xylene & p-Xylene	186		3.99		mg/Kg		11/11/21 09:53	11/11/21 23:37	1000
o-Xylene	37.7		0.199		mg/Kg		11/10/21 08:45	11/11/21 06:54	100
Xylenes, Total	246		3.99		mg/Kg		11/11/21 09:53	11/11/21 23:37	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	265	S1+	70 - 130	11/10/21 08:45	11/11/21 06:54	100
1,4-Difluorobenzene (Surr)	100		70 - 130	11/10/21 08:45	11/11/21 06:54	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	514		3.99		mg/Kg			11/11/21 14:14	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	29900		500		mg/Kg			11/11/21 15:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	8410		500		mg/Kg		11/10/21 13:55	11/12/21 03:56	10
Diesel Range Organics (Over C10-C28)	19500		500		mg/Kg		11/10/21 13:55	11/12/21 03:56	10
Oil Range Organics (Over C28-C36)	2030		500		mg/Kg		11/10/21 13:55	11/12/21 03:56	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	224	S1+	70 - 130	11/10/21 13:55	11/12/21 03:56	10
o-Terphenyl	224	S1+	70 - 130	11/10/21 13:55	11/12/21 03:56	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	113		4.97		mg/Kg			11/13/21 23:56	1

Client Sample ID: P25

Lab Sample ID: 890-1549-14

Date Collected: 11/08/21 12:16

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	18.2		0.200		mg/Kg		11/10/21 08:45	11/11/21 07:14	100
Toluene	186		2.02		mg/Kg		11/11/21 09:53	11/11/21 23:57	1000
Ethylbenzene	88.4		2.02		mg/Kg		11/11/21 09:53	11/11/21 23:57	1000
m-Xylene & p-Xylene	206		4.03		mg/Kg		11/11/21 09:53	11/11/21 23:57	1000
o-Xylene	35.4		0.200		mg/Kg		11/10/21 08:45	11/11/21 07:14	100
Xylenes, Total	272		4.03		mg/Kg		11/11/21 09:53	11/11/21 23:57	1000

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: P25

Lab Sample ID: 890-1549-14

Date Collected: 11/08/21 12:16

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	205	S1+	70 - 130				11/10/21 08:45	11/11/21 07:14	100
1,4-Difluorobenzene (Surr)	106		70 - 130				11/10/21 08:45	11/11/21 07:14	100
Method: Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	534		4.03		mg/Kg			11/11/21 14:14	1
Method: 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	26300		249		mg/Kg			11/11/21 15:00	1
Method: 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	8600		249		mg/Kg		11/10/21 13:55	11/12/21 04:24	5
Diesel Range Organics (Over C10-C28)	16000		249		mg/Kg		11/10/21 13:55	11/12/21 04:24	5
Oil Range Organics (Over C28-C36)	1730		249		mg/Kg		11/10/21 13:55	11/12/21 04:24	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	223	S1+	70 - 130				11/10/21 13:55	11/12/21 04:24	5
o-Terphenyl	164	S1+	70 - 130				11/10/21 13:55	11/12/21 04:24	5
Method: 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.5		4.96		mg/Kg			11/14/21 00:10	1

Client Sample ID: P26

Lab Sample ID: 890-1549-15

Date Collected: 11/08/21 12:28

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	27.6		0.199		mg/Kg		11/10/21 08:45	11/11/21 07:35	100
Toluene	187		9.96		mg/Kg		11/12/21 10:30	11/12/21 16:33	5000
Ethylbenzene	79.5		0.994		mg/Kg		11/11/21 09:53	11/12/21 00:17	500
m-Xylene & p-Xylene	190		1.99		mg/Kg		11/11/21 09:53	11/12/21 00:17	500
o-Xylene	34.9		0.199		mg/Kg		11/10/21 08:45	11/11/21 07:35	100
Xylenes, Total	255		1.99		mg/Kg		11/11/21 09:53	11/12/21 00:17	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	177	S1+	70 - 130				11/10/21 08:45	11/11/21 07:35	100
1,4-Difluorobenzene (Surr)	118		70 - 130				11/10/21 08:45	11/11/21 07:35	100
Method: Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	519		1.99		mg/Kg			11/11/21 14:14	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: P26

Lab Sample ID: 890-1549-15

Date Collected: 11/08/21 12:28

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	29600		250		mg/Kg			11/11/21 15:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	9820		250		mg/Kg		11/10/21 13:55	11/12/21 04:47	5
Diesel Range Organics (Over C10-C28)	17700		250		mg/Kg		11/10/21 13:55	11/12/21 04:47	5
Oil Range Organics (Over C28-C36)	2040		250		mg/Kg		11/10/21 13:55	11/12/21 04:47	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	204	S1+	70 - 130				11/10/21 13:55	11/12/21 04:47	5
o-Terphenyl	172	S1+	70 - 130				11/10/21 13:55	11/12/21 04:47	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	49.6		5.01		mg/Kg			11/14/21 00:15	1

Client Sample ID: P27

Lab Sample ID: 890-1549-16

Date Collected: 11/08/21 12:32

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	70.7		1.99		mg/Kg		11/11/21 09:53	11/12/21 00:38	1000
Toluene	532		9.98		mg/Kg		11/12/21 10:30	11/12/21 16:54	5000
Ethylbenzene	149		1.99		mg/Kg		11/11/21 09:53	11/12/21 00:38	1000
m-Xylene & p-Xylene	347		3.98		mg/Kg		11/11/21 09:53	11/12/21 00:38	1000
o-Xylene	114		1.99		mg/Kg		11/11/21 09:53	11/12/21 00:38	1000
Xylenes, Total	461		3.98		mg/Kg		11/11/21 09:53	11/12/21 00:38	1000
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	281	S1+	70 - 130				11/10/21 08:46	11/11/21 07:55	100
1,4-Difluorobenzene (Surr)	151	S1+	70 - 130				11/10/21 08:46	11/11/21 07:55	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1210		3.98		mg/Kg			11/11/21 14:14	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	42200		498		mg/Kg			11/11/21 15:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	13900		498		mg/Kg		11/10/21 13:55	11/12/21 05:22	10
Diesel Range Organics (Over C10-C28)	26100		498		mg/Kg		11/10/21 13:55	11/12/21 05:22	10

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: P27

Lab Sample ID: 890-1549-16

Date Collected: 11/08/21 12:32

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	2220		498		mg/Kg		11/10/21 13:55	11/12/21 05:22	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	292	S1+	70 - 130				11/10/21 13:55	11/12/21 05:22	10
o-Terphenyl	298	S1+	70 - 130				11/10/21 13:55	11/12/21 05:22	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	88.3		5.05		mg/Kg			11/14/21 00:20	1

Client Sample ID: P28

Lab Sample ID: 890-1549-17

Date Collected: 11/08/21 12:37

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	93.4		1.99		mg/Kg		11/11/21 09:53	11/12/21 00:58	1000
Toluene	443		9.96		mg/Kg		11/12/21 10:30	11/12/21 17:14	5000
Ethylbenzene	152		1.99		mg/Kg		11/11/21 09:53	11/12/21 00:58	1000
m-Xylene & p-Xylene	364		3.98		mg/Kg		11/11/21 09:53	11/12/21 00:58	1000
o-Xylene	124		1.99		mg/Kg		11/11/21 09:53	11/12/21 00:58	1000
Xylenes, Total	488		3.98		mg/Kg		11/11/21 09:53	11/12/21 00:58	1000
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	304	S1+	70 - 130				11/10/21 08:45	11/11/21 08:15	100
1,4-Difluorobenzene (Surr)	119		70 - 130				11/10/21 08:45	11/11/21 08:15	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1180		3.98		mg/Kg			11/11/21 14:14	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	49300		499		mg/Kg			11/11/21 15:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	14600		499		mg/Kg		11/10/21 13:55	11/12/21 05:54	10
Diesel Range Organics (Over C10-C28)	31400		499		mg/Kg		11/10/21 13:55	11/12/21 05:54	10
Oil Range Organics (Over C28-C36)	3340		499		mg/Kg		11/10/21 13:55	11/12/21 05:54	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	206	S1+	70 - 130				11/10/21 13:55	11/12/21 05:54	10
o-Terphenyl	150	S1+	70 - 130				11/10/21 13:55	11/12/21 05:54	10

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: P28

Lab Sample ID: 890-1549-17

Date Collected: 11/08/21 12:37

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	99.5		4.98		mg/Kg			11/14/21 00:25	1

Client Sample ID: P29

Lab Sample ID: 890-1549-18

Date Collected: 11/08/21 12:27

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	91.2		1.98		mg/Kg		11/11/21 09:53	11/12/21 01:19	1000
Toluene	424		9.92		mg/Kg		11/12/21 10:30	11/12/21 17:34	5000
Ethylbenzene	155		1.98		mg/Kg		11/11/21 09:53	11/12/21 01:19	1000
m-Xylene & p-Xylene	362		3.97		mg/Kg		11/11/21 09:53	11/12/21 01:19	1000
o-Xylene	116		1.98		mg/Kg		11/11/21 09:53	11/12/21 01:19	1000
Xylenes, Total	478		3.97		mg/Kg		11/11/21 09:53	11/12/21 01:19	1000
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	290	S1+	70 - 130				11/10/21 08:45	11/11/21 08:36	100
1,4-Difluorobenzene (Surr)	114		70 - 130				11/10/21 08:45	11/11/21 08:36	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1150		3.97		mg/Kg			11/11/21 14:14	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	66300		499		mg/Kg			11/11/21 15:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	25100		499		mg/Kg		11/10/21 13:55	11/12/21 06:19	10
Diesel Range Organics (Over C10-C28)	35500		499		mg/Kg		11/10/21 13:55	11/12/21 06:19	10
Oil Range Organics (Over C28-C36)	5730		499		mg/Kg		11/10/21 13:55	11/12/21 06:19	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	70 - 130				11/10/21 13:55	11/12/21 06:19	10
o-Terphenyl	377	S1+	70 - 130				11/10/21 13:55	11/12/21 06:19	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	99.6		4.99		mg/Kg			11/14/21 00:30	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: P30

Lab Sample ID: 890-1549-19

Date Collected: 11/08/21 13:30

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	139		0.998		mg/Kg		11/11/21 09:53	11/12/21 01:39	500
Toluene	5.03		0.202		mg/Kg		11/10/21 08:45	11/11/21 08:56	100
Ethylbenzene	138		0.998		mg/Kg		11/11/21 09:53	11/12/21 01:39	500
m-Xylene & p-Xylene	319		2.00		mg/Kg		11/11/21 09:53	11/12/21 01:39	500
o-Xylene	103		0.998		mg/Kg		11/11/21 09:53	11/12/21 01:39	500
Xylenes, Total	422		2.00		mg/Kg		11/11/21 09:53	11/12/21 01:39	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	270	S1+	70 - 130	11/10/21 08:45	11/11/21 08:56	100
1,4-Difluorobenzene (Surr)	113		70 - 130	11/10/21 08:45	11/11/21 08:56	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	704		2.00		mg/Kg			11/11/21 14:14	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	39400		249		mg/Kg			11/11/21 15:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	15800		249		mg/Kg		11/10/21 13:55	11/12/21 06:47	5
Diesel Range Organics (Over C10-C28)	21300		249		mg/Kg		11/10/21 13:55	11/12/21 06:47	5
Oil Range Organics (Over C28-C36)	2260		249		mg/Kg		11/10/21 13:55	11/12/21 06:47	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	167	S1+	70 - 130	11/10/21 13:55	11/12/21 06:47	5
o-Terphenyl	126		70 - 130	11/10/21 13:55	11/12/21 06:47	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	60.6		5.00		mg/Kg			11/14/21 00:35	1

Client Sample ID: P31

Lab Sample ID: 890-1549-20

Date Collected: 11/08/21 13:34

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	39.9		0.201		mg/Kg		11/10/21 08:45	11/11/21 09:17	100
Toluene	322		1.98		mg/Kg		11/11/21 09:53	11/12/21 02:00	1000
Ethylbenzene	110		1.98		mg/Kg		11/11/21 09:53	11/12/21 02:00	1000
m-Xylene & p-Xylene	269		3.96		mg/Kg		11/11/21 09:53	11/12/21 02:00	1000
o-Xylene	34.6		0.201		mg/Kg		11/10/21 08:45	11/11/21 09:17	100
Xylenes, Total	363		3.96		mg/Kg		11/11/21 09:53	11/12/21 02:00	1000

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: P31

Lab Sample ID: 890-1549-20

Date Collected: 11/08/21 13:34

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	190	S1+	70 - 130	11/10/21 08:45	11/11/21 09:17	100
1,4-Difluorobenzene (Surr)	130		70 - 130	11/10/21 08:45	11/11/21 09:17	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	776		3.96		mg/Kg			11/11/21 14:14	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	33700		249		mg/Kg			11/11/21 15:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	12500		249		mg/Kg		11/10/21 13:55	11/12/21 07:11	5
Diesel Range Organics (Over C10-C28)	19200		249		mg/Kg		11/10/21 13:55	11/12/21 07:11	5
Oil Range Organics (Over C28-C36)	1950		249		mg/Kg		11/10/21 13:55	11/12/21 07:11	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	141	S1+	70 - 130				11/10/21 13:55	11/12/21 07:11	5
o-Terphenyl	130		70 - 130				11/10/21 13:55	11/12/21 07:11	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	48.6		5.00		mg/Kg			11/14/21 00:40	1

Client Sample ID: P65

Lab Sample ID: 890-1549-21

Date Collected: 11/08/21 13:45

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	64.8		0.994		mg/Kg		11/11/21 08:57	11/11/21 18:24	500
Toluene	4.96		0.0990		mg/Kg		11/10/21 08:24	11/10/21 16:52	50
Ethylbenzene	87.7		0.994		mg/Kg		11/11/21 08:57	11/11/21 18:24	500
m-Xylene & p-Xylene	203		1.99		mg/Kg		11/11/21 08:57	11/11/21 18:24	500
o-Xylene	69.4		0.994		mg/Kg		11/11/21 08:57	11/11/21 18:24	500
Xylenes, Total	272		1.99		mg/Kg		11/11/21 08:57	11/11/21 18:24	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	407	S1+	70 - 130				11/10/21 08:24	11/10/21 16:52	50
1,4-Difluorobenzene (Surr)	114		70 - 130				11/10/21 08:24	11/10/21 16:52	50

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	430		1.99		mg/Kg			11/11/21 14:14	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: P65

Lab Sample ID: 890-1549-21

Date Collected: 11/08/21 13:45

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	65900		499		mg/Kg			11/11/21 15:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	32500		499		mg/Kg		11/11/21 09:47	11/11/21 23:29	10
Diesel Range Organics (Over C10-C28)	31000		499		mg/Kg		11/11/21 09:47	11/11/21 23:29	10
Oil Range Organics (Over C28-C36)	2360		499		mg/Kg		11/11/21 09:47	11/11/21 23:29	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				11/11/21 09:47	11/11/21 23:29	10
o-Terphenyl	137	S1+	70 - 130				11/11/21 09:47	11/11/21 23:29	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	52.2		4.99		mg/Kg			11/14/21 04:11	1

Client Sample ID: P64

Lab Sample ID: 890-1549-22

Date Collected: 11/08/21 13:49

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	107		1.00		mg/Kg		11/11/21 08:57	11/11/21 18:44	500
Toluene	4.02		0.0994		mg/Kg		11/10/21 08:24	11/10/21 17:13	50
Ethylbenzene	108		1.00		mg/Kg		11/11/21 08:57	11/11/21 18:44	500
m-Xylene & p-Xylene	252		2.00		mg/Kg		11/11/21 08:57	11/11/21 18:44	500
o-Xylene	1.47		0.0994		mg/Kg		11/10/21 08:24	11/10/21 17:13	50
Xylenes, Total	339		2.00		mg/Kg		11/11/21 08:57	11/11/21 18:44	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	451	S1+	70 - 130				11/10/21 08:24	11/10/21 17:13	50
1,4-Difluorobenzene (Surr)	122		70 - 130				11/10/21 08:24	11/10/21 17:13	50

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	472		2.00		mg/Kg			11/11/21 14:14	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	70500		500		mg/Kg			11/11/21 15:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	36500		500		mg/Kg		11/11/21 09:47	11/12/21 00:12	10
Diesel Range Organics (Over C10-C28)	31400		500		mg/Kg		11/11/21 09:47	11/12/21 00:12	10

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: P64

Lab Sample ID: 890-1549-22

Date Collected: 11/08/21 13:49

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	2620		500		mg/Kg		11/11/21 09:47	11/12/21 00:12	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				11/11/21 09:47	11/12/21 00:12	10
o-Terphenyl	131	S1+	70 - 130				11/11/21 09:47	11/12/21 00:12	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.8		5.00		mg/Kg			11/14/21 04:26	1

Client Sample ID: P63

Lab Sample ID: 890-1549-23

Date Collected: 11/08/21 13:53

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	86.8		1.01		mg/Kg		11/11/21 08:57	11/11/21 19:04	500
Toluene	<9.98	U	9.98		mg/Kg		11/12/21 10:30	11/12/21 18:36	5000
Ethylbenzene	144		1.01		mg/Kg		11/11/21 08:57	11/11/21 19:04	500
m-Xylene & p-Xylene	379		2.02		mg/Kg		11/11/21 08:57	11/11/21 19:04	500
o-Xylene	125		1.01		mg/Kg		11/11/21 08:57	11/11/21 19:04	500
Xylenes, Total	504		2.02		mg/Kg		11/11/21 08:57	11/11/21 19:04	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	293	S1+	70 - 130				11/10/21 08:24	11/10/21 17:34	50
1,4-Difluorobenzene (Surr)	109		70 - 130				11/10/21 08:24	11/10/21 17:34	50

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	735		2.02		mg/Kg			11/11/21 14:14	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	50900		499		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	21000		499		mg/Kg		11/11/21 09:47	11/12/21 00:34	10
Diesel Range Organics (Over C10-C28)	27300		499		mg/Kg		11/11/21 09:47	11/12/21 00:34	10
Oil Range Organics (Over C28-C36)	2560		499		mg/Kg		11/11/21 09:47	11/12/21 00:34	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				11/11/21 09:47	11/12/21 00:34	10
o-Terphenyl	119		70 - 130				11/11/21 09:47	11/12/21 00:34	10

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: P63

Lab Sample ID: 890-1549-23

Date Collected: 11/08/21 13:53

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	101		5.01		mg/Kg			11/14/21 04:31	1

Client Sample ID: P62

Lab Sample ID: 890-1549-24

Date Collected: 11/08/21 13:57

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	62.6		0.998		mg/Kg		11/11/21 08:57	11/11/21 19:25	500
Toluene	792		9.96		mg/Kg		11/12/21 10:30	11/12/21 20:24	5000
Ethylbenzene	133		0.998		mg/Kg		11/11/21 08:57	11/11/21 19:25	500
m-Xylene & p-Xylene	326		2.00		mg/Kg		11/11/21 08:57	11/11/21 19:25	500
o-Xylene	116		0.998		mg/Kg		11/11/21 08:57	11/11/21 19:25	500
Xylenes, Total	442		2.00		mg/Kg		11/11/21 08:57	11/11/21 19:25	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	313	S1+	70 - 130				11/10/21 08:24	11/10/21 17:55	50
1,4-Difluorobenzene (Surr)	96		70 - 130				11/10/21 08:24	11/10/21 17:55	50

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1430		2.00		mg/Kg			11/11/21 14:14	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	45200		500		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	15100		500		mg/Kg		11/11/21 09:47	11/12/21 00:56	10
Diesel Range Organics (Over C10-C28)	27600		500		mg/Kg		11/11/21 09:47	11/12/21 00:56	10
Oil Range Organics (Over C28-C36)	2540		500		mg/Kg		11/11/21 09:47	11/12/21 00:56	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	60	S1-	70 - 130				11/11/21 09:47	11/12/21 00:56	10
o-Terphenyl	128		70 - 130				11/11/21 09:47	11/12/21 00:56	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.0		4.98		mg/Kg			11/14/21 04:36	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: P61

Lab Sample ID: 890-1549-25

Date Collected: 11/08/21 14:02

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	75.8		1.00		mg/Kg		11/11/21 08:57	11/11/21 19:45	500
Toluene	1030		9.98		mg/Kg		11/12/21 10:30	11/12/21 20:45	5000
Ethylbenzene	98.4		1.00		mg/Kg		11/11/21 08:57	11/11/21 19:45	500
m-Xylene & p-Xylene	238		2.01		mg/Kg		11/11/21 08:57	11/11/21 19:45	500
o-Xylene	80.8		1.00		mg/Kg		11/11/21 08:57	11/11/21 19:45	500
Xylenes, Total	319		2.01		mg/Kg		11/11/21 08:57	11/11/21 19:45	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	343	S1+	70 - 130	11/10/21 08:24	11/10/21 18:16	50
1,4-Difluorobenzene (Surr)	69	S1-	70 - 130	11/10/21 08:24	11/10/21 18:16	50

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1520		2.01		mg/Kg			11/11/21 14:14	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	68900		499		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	28600		499		mg/Kg		11/11/21 09:47	11/12/21 01:17	10
Diesel Range Organics (Over C10-C28)	36900		499		mg/Kg		11/11/21 09:47	11/12/21 01:17	10
Oil Range Organics (Over C28-C36)	3440		499		mg/Kg		11/11/21 09:47	11/12/21 01:17	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	11/11/21 09:47	11/12/21 01:17	10
o-Terphenyl	145	S1+	70 - 130	11/11/21 09:47	11/12/21 01:17	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	75.2		4.95		mg/Kg			11/14/21 04:41	1

Client Sample ID: P60

Lab Sample ID: 890-1549-26

Date Collected: 11/08/21 14:06

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	103		1.00		mg/Kg		11/11/21 08:57	11/11/21 20:06	500
Toluene	574		10.0		mg/Kg		11/12/21 10:30	11/12/21 21:05	5000
Ethylbenzene	123		1.00		mg/Kg		11/11/21 08:57	11/11/21 20:06	500
m-Xylene & p-Xylene	288		2.00		mg/Kg		11/11/21 08:57	11/11/21 20:06	500
o-Xylene	99.2		1.00		mg/Kg		11/11/21 08:57	11/11/21 20:06	500
Xylenes, Total	387		2.00		mg/Kg		11/11/21 08:57	11/11/21 20:06	500

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: P60

Lab Sample ID: 890-1549-26

Date Collected: 11/08/21 14:06

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	316	S1+	70 - 130	11/10/21 08:24	11/10/21 18:36	50
1,4-Difluorobenzene (Surr)	50	S1-	70 - 130	11/10/21 08:24	11/10/21 18:36	50

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1190		2.00		mg/Kg			11/11/21 14:14	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	49700		500		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	21400		500		mg/Kg		11/11/21 09:47	11/12/21 01:39	10
Diesel Range Organics (Over C10-C28)	25900		500		mg/Kg		11/11/21 09:47	11/12/21 01:39	10
Oil Range Organics (Over C28-C36)	2370		500		mg/Kg		11/11/21 09:47	11/12/21 01:39	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				11/11/21 09:47	11/12/21 01:39	10
o-Terphenyl	135	S1+	70 - 130				11/11/21 09:47	11/12/21 01:39	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	46.8		4.95		mg/Kg			11/14/21 12:12	1

Client Sample ID: P59

Lab Sample ID: 890-1549-27

Date Collected: 11/08/21 14:10

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	19.3		0.100		mg/Kg		11/10/21 08:24	11/10/21 18:57	50
Toluene	162		1.00		mg/Kg		11/11/21 08:57	11/11/21 20:26	500
Ethylbenzene	70.3		1.00		mg/Kg		11/11/21 08:57	11/11/21 20:26	500
m-Xylene & p-Xylene	174		2.01		mg/Kg		11/11/21 08:57	11/11/21 20:26	500
o-Xylene	64.4		1.00		mg/Kg		11/11/21 08:57	11/11/21 20:26	500
Xylenes, Total	238		2.01		mg/Kg		11/11/21 08:57	11/11/21 20:26	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	397	S1+	70 - 130				11/10/21 08:24	11/10/21 18:57	50
1,4-Difluorobenzene (Surr)	98		70 - 130				11/10/21 08:24	11/10/21 18:57	50

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	490		2.01		mg/Kg			11/11/21 14:14	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: P59

Lab Sample ID: 890-1549-27

Date Collected: 11/08/21 14:10

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	20400		249		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	6970		249		mg/Kg		11/11/21 09:47	11/12/21 01:59	5
Diesel Range Organics (Over C10-C28)	12200		249		mg/Kg		11/11/21 09:47	11/12/21 01:59	5
Oil Range Organics (Over C28-C36)	1220		249		mg/Kg		11/11/21 09:47	11/12/21 01:59	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	66	S1-	70 - 130				11/11/21 09:47	11/12/21 01:59	5
o-Terphenyl	110		70 - 130				11/11/21 09:47	11/12/21 01:59	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	340		4.95		mg/Kg			11/14/21 12:17	1

Client Sample ID: P58

Lab Sample ID: 890-1549-28

Date Collected: 11/08/21 14:28

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	8.21		0.100		mg/Kg		11/10/21 08:24	11/10/21 20:21	50
Toluene	81.2		1.00		mg/Kg		11/11/21 08:57	11/11/21 20:46	500
Ethylbenzene	42.0		1.00		mg/Kg		11/11/21 08:57	11/11/21 20:46	500
m-Xylene & p-Xylene	108		2.00		mg/Kg		11/11/21 08:57	11/11/21 20:46	500
o-Xylene	37.1		1.00		mg/Kg		11/11/21 08:57	11/11/21 20:46	500
Xylenes, Total	145		2.00		mg/Kg		11/11/21 08:57	11/11/21 20:46	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	363	S1+	70 - 130				11/10/21 08:24	11/10/21 20:21	50
1,4-Difluorobenzene (Surr)	82		70 - 130				11/10/21 08:24	11/10/21 20:21	50

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	277		2.00		mg/Kg			11/11/21 14:14	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	14400		250		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	3460		250		mg/Kg		11/11/21 09:47	11/12/21 02:20	5
Diesel Range Organics (Over C10-C28)	9970		250		mg/Kg		11/11/21 09:47	11/12/21 02:20	5

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: P58

Lab Sample ID: 890-1549-28

Date Collected: 11/08/21 14:28

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	1010		250		mg/Kg		11/11/21 09:47	11/12/21 02:20	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	70 - 130				11/11/21 09:47	11/12/21 02:20	5
o-Terphenyl	103		70 - 130				11/11/21 09:47	11/12/21 02:20	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	88.0		5.04		mg/Kg			11/14/21 12:22	1

Client Sample ID: P57

Lab Sample ID: 890-1549-29

Date Collected: 11/08/21 14:32

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	22.8		0.994		mg/Kg		11/11/21 08:57	11/11/21 21:07	500
Toluene	150		0.994		mg/Kg		11/11/21 08:57	11/11/21 21:07	500
Ethylbenzene	60.2		0.994		mg/Kg		11/11/21 08:57	11/11/21 21:07	500
m-Xylene & p-Xylene	151		1.99		mg/Kg		11/11/21 08:57	11/11/21 21:07	500
o-Xylene	54.0		0.994		mg/Kg		11/11/21 08:57	11/11/21 21:07	500
Xylenes, Total	205		1.99		mg/Kg		11/11/21 08:57	11/11/21 21:07	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	488	S1+	70 - 130				11/10/21 08:24	11/10/21 20:42	50
1,4-Difluorobenzene (Surr)	95		70 - 130				11/10/21 08:24	11/10/21 20:42	50

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	438		1.99		mg/Kg			11/11/21 14:14	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	27000		250		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	8720		250		mg/Kg		11/11/21 09:47	11/12/21 02:42	5
Diesel Range Organics (Over C10-C28)	16600		250		mg/Kg		11/11/21 09:47	11/12/21 02:42	5
Oil Range Organics (Over C28-C36)	1660		250		mg/Kg		11/11/21 09:47	11/12/21 02:42	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	171	S1+	70 - 130				11/11/21 09:47	11/12/21 02:42	5
o-Terphenyl	133	S1+	70 - 130				11/11/21 09:47	11/12/21 02:42	5

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: P57

Lab Sample ID: 890-1549-29

Date Collected: 11/08/21 14:32

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	47.5		4.97		mg/Kg			11/14/21 12:26	1

Client Sample ID: P56

Lab Sample ID: 890-1549-30

Date Collected: 11/08/21 14:40

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	17.6		0.101		mg/Kg		11/10/21 08:24	11/10/21 21:02	50
Toluene	0.186		0.000998		mg/Kg		11/11/21 08:57	11/11/21 21:27	500
Ethylbenzene	0.0796		0.000998		mg/Kg		11/11/21 08:57	11/11/21 21:27	500
m-Xylene & p-Xylene	0.199		0.00200		mg/Kg		11/11/21 08:57	11/11/21 21:27	500
o-Xylene	0.0713		0.000998		mg/Kg		11/11/21 08:57	11/11/21 21:27	500
Xylenes, Total	0.270		0.00200		mg/Kg		11/11/21 08:57	11/11/21 21:27	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	465	S1+	70 - 130				11/10/21 08:24	11/10/21 21:02	50
1,4-Difluorobenzene (Surr)	80		70 - 130				11/10/21 08:24	11/10/21 21:02	50

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	18.1		0.00200		mg/Kg			11/11/21 14:14	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	27600		249		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	8190		249		mg/Kg		11/11/21 09:47	11/12/21 03:03	5
Diesel Range Organics (Over C10-C28)	17700		249		mg/Kg		11/11/21 09:47	11/12/21 03:03	5
Oil Range Organics (Over C28-C36)	1680		249		mg/Kg		11/11/21 09:47	11/12/21 03:03	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	161	S1+	70 - 130				11/11/21 09:47	11/12/21 03:03	5
o-Terphenyl	116		70 - 130				11/11/21 09:47	11/12/21 03:03	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			11/14/21 12:31	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: P55

Lab Sample ID: 890-1549-31

Date Collected: 11/08/21 14:52

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	41.4		0.994		mg/Kg		11/10/21 11:30	11/12/21 05:57	500
Toluene	352		9.92		mg/Kg		11/12/21 10:30	11/12/21 22:27	5000
Ethylbenzene	88.1		0.994		mg/Kg		11/10/21 11:30	11/12/21 05:57	500
m-Xylene & p-Xylene	210		1.99		mg/Kg		11/10/21 11:30	11/12/21 05:57	500
o-Xylene	68.6		0.994		mg/Kg		11/10/21 11:30	11/12/21 05:57	500
Xylenes, Total	279		1.99		mg/Kg		11/10/21 11:30	11/12/21 05:57	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	236	S1+	70 - 130	11/10/21 08:24	11/10/21 21:23	50
1,4-Difluorobenzene (Surr)	96		70 - 130	11/10/21 08:24	11/10/21 21:23	50

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	760		1.99		mg/Kg			11/11/21 14:14	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3640		49.9		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	1400		49.9		mg/Kg		11/10/21 10:56	11/11/21 16:00	1
Diesel Range Organics (Over C10-C28)	2050		49.9		mg/Kg		11/10/21 10:56	11/11/21 16:00	1
Oil Range Organics (Over C28-C36)	186		49.9		mg/Kg		11/10/21 10:56	11/11/21 16:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	17	S1-	70 - 130	11/10/21 10:56	11/11/21 16:00	1
o-Terphenyl	38	S1-	70 - 130	11/10/21 10:56	11/11/21 16:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.9	F1	5.00		mg/Kg			11/14/21 12:36	1

Client Sample ID: P54

Lab Sample ID: 890-1549-32

Date Collected: 11/08/21 14:57

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	80.6		1.00		mg/Kg		11/10/21 11:30	11/12/21 06:17	500
Toluene	757		9.90		mg/Kg		11/12/21 10:30	11/12/21 22:47	5000
Ethylbenzene	133		1.00		mg/Kg		11/10/21 11:30	11/12/21 06:17	500
m-Xylene & p-Xylene	315		2.00		mg/Kg		11/10/21 11:30	11/12/21 06:17	500
o-Xylene	110		1.00		mg/Kg		11/10/21 11:30	11/12/21 06:17	500
Xylenes, Total	425		2.00		mg/Kg		11/10/21 11:30	11/12/21 06:17	500

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: P54

Lab Sample ID: 890-1549-32

Date Collected: 11/08/21 14:57

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	274	S1+	70 - 130	11/10/21 08:24	11/10/21 21:44	50
1,4-Difluorobenzene (Surr)	86		70 - 130	11/10/21 08:24	11/10/21 21:44	50

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1400		2.00		mg/Kg			11/11/21 14:14	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	4660		50.0		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	1830		50.0		mg/Kg		11/10/21 10:56	11/11/21 16:21	1
Diesel Range Organics (Over C10-C28)	2580		50.0		mg/Kg		11/10/21 10:56	11/11/21 16:21	1
Oil Range Organics (Over C28-C36)	250		50.0		mg/Kg		11/10/21 10:56	11/11/21 16:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	16	S1-	70 - 130				11/10/21 10:56	11/11/21 16:21	1
o-Terphenyl	45	S1-	70 - 130				11/10/21 10:56	11/11/21 16:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.6		4.98		mg/Kg			11/14/21 12:51	1

Client Sample ID: P53

Lab Sample ID: 890-1549-33

Date Collected: 11/08/21 15:03

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	59.6		1.01		mg/Kg		11/10/21 11:30	11/12/21 06:38	500
Toluene	262		10.0		mg/Kg		11/12/21 10:30	11/12/21 23:08	5000
Ethylbenzene	96.6		1.01		mg/Kg		11/10/21 11:30	11/12/21 06:38	500
m-Xylene & p-Xylene	232		2.02		mg/Kg		11/10/21 11:30	11/12/21 06:38	500
o-Xylene	82.3		1.01		mg/Kg		11/10/21 11:30	11/12/21 06:38	500
Xylenes, Total	314		2.02		mg/Kg		11/10/21 11:30	11/12/21 06:38	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	464	S1+	70 - 130				11/10/21 08:24	11/10/21 22:04	50
1,4-Difluorobenzene (Surr)	87		70 - 130				11/10/21 08:24	11/10/21 22:04	50

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	733		2.02		mg/Kg			11/11/21 14:14	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: P53

Lab Sample ID: 890-1549-33

Date Collected: 11/08/21 15:03

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	5890		49.8		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	2600		49.8		mg/Kg		11/10/21 10:56	11/11/21 16:46	1
Diesel Range Organics (Over C10-C28)	3010		49.8		mg/Kg		11/10/21 10:56	11/11/21 16:46	1
Oil Range Organics (Over C28-C36)	275		49.8		mg/Kg		11/10/21 10:56	11/11/21 16:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	31	S1-	70 - 130				11/10/21 10:56	11/11/21 16:46	1
o-Terphenyl	49	S1-	70 - 130				11/10/21 10:56	11/11/21 16:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	46.5		4.95		mg/Kg			11/14/21 12:56	1

Client Sample ID: P52

Lab Sample ID: 890-1549-34

Date Collected: 11/08/21 15:07

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	67.2		0.996		mg/Kg		11/10/21 11:30	11/12/21 06:58	500
Toluene	206		10.1		mg/Kg		11/12/21 10:30	11/12/21 23:28	5000
Ethylbenzene	117		0.996		mg/Kg		11/10/21 11:30	11/12/21 06:58	500
m-Xylene & p-Xylene	283		1.99		mg/Kg		11/10/21 11:30	11/12/21 06:58	500
o-Xylene	99.5		0.996		mg/Kg		11/10/21 11:30	11/12/21 06:58	500
Xylenes, Total	383		1.99		mg/Kg		11/10/21 11:30	11/12/21 06:58	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	419	S1+	70 - 130				11/10/21 08:24	11/10/21 22:26	50
1,4-Difluorobenzene (Surr)	97		70 - 130				11/10/21 08:24	11/10/21 22:26	50

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	773		1.99		mg/Kg			11/11/21 14:14	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	5330		49.9		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	2030		49.9		mg/Kg		11/10/21 10:56	11/11/21 17:07	1
Diesel Range Organics (Over C10-C28)	3010		49.9		mg/Kg		11/10/21 10:56	11/11/21 17:07	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: P52

Lab Sample ID: 890-1549-34

Date Collected: 11/08/21 15:07

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	294		49.9		mg/Kg		11/10/21 10:56	11/11/21 17:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	34	S1-	70 - 130				11/10/21 10:56	11/11/21 17:07	1
o-Terphenyl	53	S1-	70 - 130				11/10/21 10:56	11/11/21 17:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			11/14/21 13:11	1

Client Sample ID: P51

Lab Sample ID: 890-1549-35

Date Collected: 11/08/21 15:11

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	36.1		1.00		mg/Kg		11/10/21 11:30	11/12/21 07:18	500
Toluene	187		1.00		mg/Kg		11/10/21 11:30	11/12/21 07:18	500
Ethylbenzene	65.6		1.00		mg/Kg		11/10/21 11:30	11/12/21 07:18	500
m-Xylene & p-Xylene	160		2.00		mg/Kg		11/10/21 11:30	11/12/21 07:18	500
o-Xylene	57.5		1.00		mg/Kg		11/10/21 11:30	11/12/21 07:18	500
Xylenes, Total	218		2.00		mg/Kg		11/10/21 11:30	11/12/21 07:18	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	444	S1+	70 - 130				11/10/21 08:24	11/10/21 22:46	50
1,4-Difluorobenzene (Surr)	99		70 - 130				11/10/21 08:24	11/10/21 22:46	50

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	506		2.00		mg/Kg			11/11/21 14:14	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	6070		49.9		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	2700		49.9		mg/Kg		11/10/21 10:56	11/11/21 17:27	1
Diesel Range Organics (Over C10-C28)	3080		49.9		mg/Kg		11/10/21 10:56	11/11/21 17:27	1
Oil Range Organics (Over C28-C36)	288		49.9		mg/Kg		11/10/21 10:56	11/11/21 17:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	36	S1-	70 - 130				11/10/21 10:56	11/11/21 17:27	1
o-Terphenyl	50	S1-	70 - 130				11/10/21 10:56	11/11/21 17:27	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: P51

Lab Sample ID: 890-1549-35

Date Collected: 11/08/21 15:11

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.5		5.05		mg/Kg			11/14/21 13:16	1

Client Sample ID: P50

Lab Sample ID: 890-1549-36

Date Collected: 11/08/21 15:14

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	34.8		0.990		mg/Kg		11/10/21 11:30	11/12/21 07:39	500
Toluene	170		0.990		mg/Kg		11/10/21 11:30	11/12/21 07:39	500
Ethylbenzene	55.7		0.990		mg/Kg		11/10/21 11:30	11/12/21 07:39	500
m-Xylene & p-Xylene	137		1.98		mg/Kg		11/10/21 11:30	11/12/21 07:39	500
o-Xylene	46.6		0.990		mg/Kg		11/10/21 11:30	11/12/21 07:39	500
Xylenes, Total	184		1.98		mg/Kg		11/10/21 11:30	11/12/21 07:39	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	407	S1+	70 - 130				11/10/21 08:24	11/10/21 23:07	50
1,4-Difluorobenzene (Surr)	99		70 - 130				11/10/21 08:24	11/10/21 23:07	50

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	444		1.98		mg/Kg			11/11/21 14:14	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	12000		50.0		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	4190		50.0		mg/Kg		11/10/21 13:55	11/11/21 21:47	1
Diesel Range Organics (Over C10-C28)	7110		50.0		mg/Kg		11/10/21 13:55	11/11/21 21:47	1
Oil Range Organics (Over C28-C36)	745		50.0		mg/Kg		11/10/21 13:55	11/11/21 21:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	154	S1+	70 - 130				11/10/21 13:55	11/11/21 21:47	1
o-Terphenyl	109		70 - 130				11/10/21 13:55	11/11/21 21:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	88.0		4.97		mg/Kg			11/14/21 13:20	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: P49

Lab Sample ID: 890-1549-37

Date Collected: 11/08/21 15:19

Matrix: Solid

Date Received: 11/08/21 16:32

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.436		0.100		mg/Kg		11/10/21 08:24	11/11/21 08:15	50
Toluene	2.03		0.100		mg/Kg		11/10/21 08:24	11/11/21 08:15	50
Ethylbenzene	0.677		0.100		mg/Kg		11/10/21 08:24	11/11/21 08:15	50
m-Xylene & p-Xylene	2.62		0.201		mg/Kg		11/10/21 08:24	11/11/21 08:15	50
o-Xylene	1.53		0.100		mg/Kg		11/10/21 08:24	11/11/21 08:15	50
Xylenes, Total	4.15		0.201		mg/Kg		11/10/21 08:24	11/11/21 08:15	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	11/10/21 08:24	11/11/21 08:15	50
1,4-Difluorobenzene (Surr)	81		70 - 130	11/10/21 08:24	11/11/21 08:15	50

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	7.29		0.201		mg/Kg			11/11/21 14:14	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	5570		49.8		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	2240		49.8		mg/Kg		11/10/21 10:56	11/11/21 17:48	1
Diesel Range Organics (Over C10-C28)	3050		49.8		mg/Kg		11/10/21 10:56	11/11/21 17:48	1
Oil Range Organics (Over C28-C36)	280		49.8		mg/Kg		11/10/21 10:56	11/11/21 17:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	31	S1-	70 - 130	11/10/21 10:56	11/11/21 17:48	1
o-Terphenyl	50	S1-	70 - 130	11/10/21 10:56	11/11/21 17:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			11/14/21 13:25	1

Eurofins Xenco, Carlsbad

Surrogate Summary

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-8144-A-1-C MS	Matrix Spike	110	95
880-8144-A-1-D MSD	Matrix Spike Duplicate	111	107
880-8242-A-1-A MS	Matrix Spike	119	99
880-8242-A-1-B MSD	Matrix Spike Duplicate	106	98
880-8246-A-1-D MS	Matrix Spike	129	105
880-8246-A-1-E MSD	Matrix Spike Duplicate	98	97
890-1547-A-4-D MS	Matrix Spike	97	93
890-1547-A-4-E MSD	Matrix Spike Duplicate	96	101
890-1549-1	P12	70	47 S1-
890-1549-1 MS	P12	250 S1+	148 S1+
890-1549-1 MSD	P12	291 S1+	135 S1+
890-1549-2	P13	387 S1+	129
890-1549-3	P14	323 S1+	88
890-1549-4	P15	256 S1+	103
890-1549-5	P16	168 S1+	118
890-1549-6	P17	250 S1+	113
890-1549-7	P18	245 S1+	88
890-1549-8	P19	206 S1+	126
890-1549-9	SP#1	263 S1+	143 S1+
890-1549-10	SP#2	217 S1+	94
890-1549-11	SP#3	241 S1+	125
890-1549-12	P23	193 S1+	100
890-1549-13	P24	265 S1+	100
890-1549-14	P25	205 S1+	106
890-1549-15	P26	177 S1+	118
890-1549-16	P27	281 S1+	151 S1+
890-1549-17	P28	304 S1+	119
890-1549-18	P29	290 S1+	114
890-1549-19	P30	270 S1+	113
890-1549-20	P31	190 S1+	130
890-1549-21	P65	407 S1+	114
890-1549-22	P64	451 S1+	122
890-1549-23	P63	293 S1+	109
890-1549-24	P62	313 S1+	96
890-1549-25	P61	343 S1+	69 S1-
890-1549-26	P60	316 S1+	50 S1-
890-1549-27	P59	397 S1+	98
890-1549-28	P58	363 S1+	82
890-1549-29	P57	488 S1+	95
890-1549-30	P56	465 S1+	80
890-1549-31	P55	236 S1+	96
890-1549-32	P54	274 S1+	86
890-1549-33	P53	464 S1+	87
890-1549-34	P52	419 S1+	97
890-1549-35	P51	444 S1+	99
890-1549-36	P50	407 S1+	99
890-1549-37	P49	113	81
890-1554-A-21-A MS	Matrix Spike	121	107
890-1554-A-21-B MSD	Matrix Spike Duplicate	116	104

Eurofins Xenco, Carlsbad

Surrogate Summary

Client: Resolute Compliance LLC

Job ID: 890-1549-1

Project/Site: Blue Stem

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-1555-A-1-A MS	Matrix Spike	117	113
890-1555-A-1-B MSD	Matrix Spike Duplicate	116	101
LCS 880-11791/1-A	Lab Control Sample	99	93
LCS 880-11799/1-A	Lab Control Sample	113	108
LCS 880-11849/1-A	Lab Control Sample	109	101
LCS 880-11996/1-A	Lab Control Sample	109	102
LCS 880-12000/1-A	Lab Control Sample	107	99
LCS 880-12117/1-A	Lab Control Sample	103	100
LCS 880-12121/1-A	Lab Control Sample	110	97
LCSD 880-11791/2-A	Lab Control Sample Dup	100	96
LCSD 880-11799/2-A	Lab Control Sample Dup	114	93
LCSD 880-11849/2-A	Lab Control Sample Dup	110	101
LCSD 880-11996/2-A	Lab Control Sample Dup	113	102
LCSD 880-12000/2-A	Lab Control Sample Dup	110	104
LCSD 880-12117/2-A	Lab Control Sample Dup	104	102
LCSD 880-12121/2-A	Lab Control Sample Dup	111	102
MB 880-11791/5-A	Method Blank	103	101
MB 880-11799/5-A	Method Blank	108	102
MB 880-11822/5-A	Method Blank	109	94
MB 880-11849/5-A	Method Blank	124	109
MB 880-11996/5-A	Method Blank	128	102
MB 880-12000/5-A	Method Blank	121	95
MB 880-12117/5-A	Method Blank	118	100
MB 880-12121/5-A	Method Blank	128	110

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-8100-A-7-E MS	Matrix Spike	94	89
880-8100-A-7-F MSD	Matrix Spike Duplicate	98	93
880-8143-A-1-B MS	Matrix Spike	95	84
880-8143-A-1-C MSD	Matrix Spike Duplicate	102	92
890-1549-1	P12	44 S1-	82
890-1549-2	P13	99	133 S1+
890-1549-3	P14	78	134 S1+
890-1549-4	P15	251 S1+	123
890-1549-5	P16	173 S1+	136 S1+
890-1549-6	P17	169 S1+	121
890-1549-7	P18	216 S1+	127
890-1549-8	P19	195 S1+	125
890-1549-9	SP#1	198 S1+	133 S1+
890-1549-10	SP#2	224 S1+	176 S1+
890-1549-11	SP#3	243 S1+	240 S1+
890-1549-12	P23	232 S1+	141 S1+

Eurofins Xenco, Carlsbad

Surrogate Summary

Client: Resolute Compliance LLC

Job ID: 890-1549-1

Project/Site: Blue Stem

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
890-1549-13	P24	224 S1+	224 S1+
890-1549-14	P25	223 S1+	164 S1+
890-1549-15	P26	204 S1+	172 S1+
890-1549-16	P27	292 S1+	298 S1+
890-1549-17	P28	206 S1+	150 S1+
890-1549-18	P29	131 S1+	377 S1+
890-1549-19	P30	167 S1+	126
890-1549-20	P31	141 S1+	130
890-1549-21	P65	104	137 S1+
890-1549-22	P64	95	131 S1+
890-1549-23	P63	89	119
890-1549-24	P62	60 S1-	128
890-1549-25	P61	89	145 S1+
890-1549-26	P60	79	135 S1+
890-1549-27	P59	66 S1-	110
890-1549-28	P58	131 S1+	103
890-1549-29	P57	171 S1+	133 S1+
890-1549-30	P56	161 S1+	116
890-1549-31	P55	17 S1-	38 S1-
890-1549-32	P54	16 S1-	45 S1-
890-1549-33	P53	31 S1-	49 S1-
890-1549-34	P52	34 S1-	53 S1-
890-1549-35	P51	36 S1-	50 S1-
890-1549-36	P50	154 S1+	109
890-1549-36 MS	P50	277 S1+	147 S1+
890-1549-36 MSD	P50	237 S1+	137 S1+
890-1549-37	P49	31 S1-	50 S1-
LCS 880-11920/2-A	Lab Control Sample	81	86
LCS 880-11949/2-A	Lab Control Sample	96	105
LCS 880-11999/2-A	Lab Control Sample	86	85
LCSD 880-11920/3-A	Lab Control Sample Dup	88	92
LCSD 880-11949/3-A	Lab Control Sample Dup	86	89
LCSD 880-11999/3-A	Lab Control Sample Dup	87	88
MB 880-11920/1-A	Method Blank	108	120
MB 880-11949/1-A	Method Blank	127	146 S1+
MB 880-11999/1-A	Method Blank	107	117

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-11791/5-A

Matrix: Solid

Analysis Batch: 11902

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 11791

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/10/21 08:24	11/10/21 15:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/10/21 08:24	11/10/21 15:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/10/21 08:24	11/10/21 15:28	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/10/21 08:24	11/10/21 15:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/10/21 08:24	11/10/21 15:28	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/10/21 08:24	11/10/21 15:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	11/10/21 08:24	11/10/21 15:28	1
1,4-Difluorobenzene (Surr)	101		70 - 130	11/10/21 08:24	11/10/21 15:28	1

Lab Sample ID: LCS 880-11791/1-A

Matrix: Solid

Analysis Batch: 11902

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 11791

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08603		mg/Kg		86	70 - 130
Toluene	0.100	0.08215		mg/Kg		82	70 - 130
Ethylbenzene	0.100	0.09374		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1745		mg/Kg		87	70 - 130
o-Xylene	0.100	0.08801		mg/Kg		88	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: LCSD 880-11791/2-A

Matrix: Solid

Analysis Batch: 11902

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 11791

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.09059		mg/Kg		91	70 - 130	5	35
Toluene	0.100	0.08301		mg/Kg		83	70 - 130	1	35
Ethylbenzene	0.100	0.09088		mg/Kg		91	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.1717		mg/Kg		86	70 - 130	2	35
o-Xylene	0.100	0.08898		mg/Kg		89	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 890-1547-A-4-D MS

Matrix: Solid

Analysis Batch: 11902

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 11791

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0152		0.0990	0.09135		mg/Kg		77	70 - 130
Toluene	0.0116		0.0990	0.08614		mg/Kg		75	70 - 130

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-1547-A-4-D MS

Matrix: Solid

Analysis Batch: 11902

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 11791

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	<0.00200	U	0.0990	0.09152		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.198	0.1746		mg/Kg		87	70 - 130
o-Xylene	<0.00200	U	0.0990	0.08797		mg/Kg		88	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: 890-1547-A-4-E MSD

Matrix: Solid

Analysis Batch: 11902

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 11791

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.0152		0.101	0.1108		mg/Kg		95	70 - 130	19	35
Toluene	0.0116		0.101	0.09894		mg/Kg		87	70 - 130	14	35
Ethylbenzene	<0.00200	U	0.101	0.09147		mg/Kg		90	70 - 130	0	35
m-Xylene & p-Xylene	<0.00401	U	0.202	0.1745		mg/Kg		85	70 - 130	0	35
o-Xylene	<0.00200	U	0.101	0.08804		mg/Kg		86	70 - 130	0	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: MB 880-11799/5-A

Matrix: Solid

Analysis Batch: 11884

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 11799

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/10/21 08:45	11/11/21 01:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/10/21 08:45	11/11/21 01:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/10/21 08:45	11/11/21 01:26	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/10/21 08:45	11/11/21 01:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/10/21 08:45	11/11/21 01:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/10/21 08:45	11/11/21 01:26	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	11/10/21 08:45	11/11/21 01:26	1
1,4-Difluorobenzene (Surr)	102		70 - 130	11/10/21 08:45	11/11/21 01:26	1

Lab Sample ID: LCS 880-11799/1-A

Matrix: Solid

Analysis Batch: 11884

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 11799

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08924		mg/Kg		89	70 - 130
Toluene	0.100	0.08441		mg/Kg		84	70 - 130
Ethylbenzene	0.100	0.08605		mg/Kg		86	70 - 130
m-Xylene & p-Xylene	0.200	0.1793		mg/Kg		90	70 - 130

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-11799/1-A

Matrix: Solid

Analysis Batch: 11884

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 11799

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
o-Xylene	0.100	0.09077		mg/Kg		91	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: LCSD 880-11799/2-A

Matrix: Solid

Analysis Batch: 11884

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 11799

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.08248		mg/Kg		82	70 - 130	8	35
Toluene	0.100	0.08073		mg/Kg		81	70 - 130	4	35
Ethylbenzene	0.100	0.08285		mg/Kg		83	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.1741		mg/Kg		87	70 - 130	3	35
o-Xylene	0.100	0.08822		mg/Kg		88	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: 890-1549-1 MS

Matrix: Solid

Analysis Batch: 11884

Client Sample ID: P12

Prep Type: Total/NA

Prep Batch: 11799

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	250	S1+	70 - 130
1,4-Difluorobenzene (Surr)	148	S1+	70 - 130

Lab Sample ID: 890-1549-1 MSD

Matrix: Solid

Analysis Batch: 11884

Client Sample ID: P12

Prep Type: Total/NA

Prep Batch: 11799

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	291	S1+	70 - 130
1,4-Difluorobenzene (Surr)	135	S1+	70 - 130

Lab Sample ID: MB 880-11822/5-A

Matrix: Solid

Analysis Batch: 11884

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 11822

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/10/21 08:45	11/10/21 14:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/10/21 08:45	11/10/21 14:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/10/21 08:45	11/10/21 14:34	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/10/21 08:45	11/10/21 14:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/10/21 08:45	11/10/21 14:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/10/21 08:45	11/10/21 14:34	1

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	11/10/21 08:45	11/10/21 14:34	1
1,4-Difluorobenzene (Surr)	94		70 - 130	11/10/21 08:45	11/10/21 14:34	1

Lab Sample ID: MB 880-11849/5-A

Matrix: Solid

Analysis Batch: 11997

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 11849

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/10/21 11:30	11/12/21 00:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/10/21 11:30	11/12/21 00:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/10/21 11:30	11/12/21 00:35	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/10/21 11:30	11/12/21 00:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/10/21 11:30	11/12/21 00:35	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/10/21 11:30	11/12/21 00:35	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	11/10/21 11:30	11/12/21 00:35	1
1,4-Difluorobenzene (Surr)	109		70 - 130	11/10/21 11:30	11/12/21 00:35	1

Lab Sample ID: LCS 880-11849/1-A

Matrix: Solid

Analysis Batch: 11997

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 11849

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09167		mg/Kg		92	70 - 130
Toluene	0.100	0.09611		mg/Kg		96	70 - 130
Ethylbenzene	0.100	0.1023		mg/Kg		102	70 - 130
m-Xylene & p-Xylene	0.200	0.1983		mg/Kg		99	70 - 130
o-Xylene	0.100	0.09805		mg/Kg		98	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-11849/2-A

Matrix: Solid

Analysis Batch: 11997

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 11849

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.08511		mg/Kg		85	70 - 130	7	35
Toluene	0.100	0.09320		mg/Kg		93	70 - 130	3	35
Ethylbenzene	0.100	0.09715		mg/Kg		97	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1849		mg/Kg		92	70 - 130	7	35
o-Xylene	0.100	0.09046		mg/Kg		90	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-1554-A-21-A MS

Matrix: Solid

Analysis Batch: 11997

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 11849

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00201	U	0.0998	0.08002		mg/Kg		79	70 - 130
Toluene	0.00567		0.0998	0.08407		mg/Kg		79	70 - 130
Ethylbenzene	<0.00201	U	0.0998	0.08383		mg/Kg		84	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1626		mg/Kg		80	70 - 130
o-Xylene	<0.00201	U	0.0998	0.08458		mg/Kg		84	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	121		70 - 130						
1,4-Difluorobenzene (Surr)	107		70 - 130						

Lab Sample ID: 890-1554-A-21-B MSD

Matrix: Solid

Analysis Batch: 11997

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 11849

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0998	0.07429		mg/Kg		73	70 - 130	7	35
Toluene	0.00567		0.0998	0.08045		mg/Kg		75	70 - 130	4	35
Ethylbenzene	<0.00201	U	0.0998	0.08205		mg/Kg		82	70 - 130	2	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1594		mg/Kg		79	70 - 130	2	35
o-Xylene	<0.00201	U	0.0998	0.08295		mg/Kg		82	70 - 130	2	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	116		70 - 130								
1,4-Difluorobenzene (Surr)	104		70 - 130								

Lab Sample ID: MB 880-11996/5-A

Matrix: Solid

Analysis Batch: 11997

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 11996

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/11/21 08:57	11/11/21 12:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/11/21 08:57	11/11/21 12:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/11/21 08:57	11/11/21 12:17	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/11/21 08:57	11/11/21 12:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/11/21 08:57	11/11/21 12:17	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/11/21 08:57	11/11/21 12:17	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				11/11/21 08:57	11/11/21 12:17	1
1,4-Difluorobenzene (Surr)	102		70 - 130				11/11/21 08:57	11/11/21 12:17	1

Lab Sample ID: LCS 880-11996/1-A

Matrix: Solid

Analysis Batch: 11997

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 11996

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08647		mg/Kg		86	70 - 130
Toluene	0.100	0.09691		mg/Kg		97	70 - 130

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-11996/1-A

Matrix: Solid

Analysis Batch: 11997

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 11996

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	0.100	0.09479		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	0.200	0.1868		mg/Kg		93	70 - 130
o-Xylene	0.100	0.09441		mg/Kg		94	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-11996/2-A

Matrix: Solid

Analysis Batch: 11997

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 11996

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.09356		mg/Kg		94	70 - 130	8	35
Toluene	0.100	0.09366		mg/Kg		94	70 - 130	3	35
Ethylbenzene	0.100	0.09798		mg/Kg		98	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.1966		mg/Kg		98	70 - 130	5	35
o-Xylene	0.100	0.09688		mg/Kg		97	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 890-1555-A-1-B MSD

Matrix: Solid

Analysis Batch: 11997

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 11996

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0994	0.08915		mg/Kg					
Toluene	<0.00200	U	0.0994	0.09820		mg/Kg					
Ethylbenzene	<0.00200	U	0.0994	0.1013		mg/Kg					
m-Xylene & p-Xylene	<0.00399	U	0.199	0.2015		mg/Kg					
o-Xylene	<0.00200	U	0.0994	0.1024		mg/Kg					

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 890-1555-A-1-A MS

Matrix: Solid

Analysis Batch: 11997

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	117		70 - 130
1,4-Difluorobenzene (Surr)	113		70 - 130

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-12000/5-A

Matrix: Solid

Analysis Batch: 12003

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12000

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/11/21 09:53	11/11/21 13:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/11/21 09:53	11/11/21 13:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/11/21 09:53	11/11/21 13:58	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/11/21 09:53	11/11/21 13:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/11/21 09:53	11/11/21 13:58	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/11/21 09:53	11/11/21 13:58	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	11/11/21 09:53	11/11/21 13:58	1
1,4-Difluorobenzene (Surr)	95		70 - 130	11/11/21 09:53	11/11/21 13:58	1

Lab Sample ID: LCS 880-12000/1-A

Matrix: Solid

Analysis Batch: 12003

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12000

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08935		mg/Kg		89	70 - 130
Toluene	0.100	0.08222		mg/Kg		82	70 - 130
Ethylbenzene	0.100	0.08499		mg/Kg		85	70 - 130
m-Xylene & p-Xylene	0.200	0.1759		mg/Kg		88	70 - 130
o-Xylene	0.100	0.08462		mg/Kg		85	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-12000/2-A

Matrix: Solid

Analysis Batch: 12003

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 12000

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.08664		mg/Kg		87	70 - 130	3	35
Toluene	0.100	0.08021		mg/Kg		80	70 - 130	2	35
Ethylbenzene	0.100	0.08250		mg/Kg		82	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.1740		mg/Kg		87	70 - 130	1	35
o-Xylene	0.100	0.08808		mg/Kg		88	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 880-8144-A-1-C MS

Matrix: Solid

Analysis Batch: 12003

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 12000

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U F1	0.101	0.08833		mg/Kg		87	70 - 130
Toluene	0.00312	F1	0.101	0.08445		mg/Kg		81	70 - 130

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-8144-A-1-C MS

Matrix: Solid

Analysis Batch: 12003

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 12000

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	<0.00199	U F1	0.101	0.08554		mg/Kg		84	70 - 130
m-Xylene & p-Xylene	<0.00398	U F1	0.201	0.1744		mg/Kg		85	70 - 130
o-Xylene	<0.00199	U F1	0.101	0.08973		mg/Kg		89	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 880-8144-A-1-D MSD

Matrix: Solid

Analysis Batch: 12003

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 12000

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U F1	0.00998	0.09162	F1	mg/Kg		912	70 - 130	4	35
Toluene	0.00312	F1	0.00998	0.08349	F1	mg/Kg		805	70 - 130	1	35
Ethylbenzene	<0.00199	U F1	0.00998	0.08785	F1	mg/Kg		871	70 - 130	3	35
m-Xylene & p-Xylene	<0.00398	U F1	0.0200	0.1809	F1	mg/Kg		894	70 - 130	4	35
o-Xylene	<0.00199	U F1	0.00998	0.09257	F1	mg/Kg		922	70 - 130	3	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: MB 880-12117/5-A

Matrix: Solid

Analysis Batch: 12115

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12117

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/12/21 10:30	11/12/21 15:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/12/21 10:30	11/12/21 15:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/12/21 10:30	11/12/21 15:03	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/12/21 10:30	11/12/21 15:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/12/21 10:30	11/12/21 15:03	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/12/21 10:30	11/12/21 15:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	11/12/21 10:30	11/12/21 15:03	1
1,4-Difluorobenzene (Surr)	100		70 - 130	11/12/21 10:30	11/12/21 15:03	1

Lab Sample ID: LCS 880-12117/1-A

Matrix: Solid

Analysis Batch: 12115

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12117

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.07310		mg/Kg		73	70 - 130
Toluene	0.100	0.09837		mg/Kg		98	70 - 130
Ethylbenzene	0.100	0.1143		mg/Kg		114	70 - 130
m-Xylene & p-Xylene	0.200	0.1784		mg/Kg		89	70 - 130

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-12117/1-A

Matrix: Solid

Analysis Batch: 12115

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12117

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
o-Xylene	0.100	0.09017		mg/Kg		90	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-12117/2-A

Matrix: Solid

Analysis Batch: 12115

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 12117

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.09388		mg/Kg		94	70 - 130	25	35
Toluene	0.100	0.09750		mg/Kg		98	70 - 130	1	35
Ethylbenzene	0.100	0.1049		mg/Kg		105	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.1961		mg/Kg		98	70 - 130	9	35
o-Xylene	0.100	0.09525		mg/Kg		95	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-8242-A-1-A MS

Matrix: Solid

Analysis Batch: 12115

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 12117

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U	0.0998	0.08578		mg/Kg		85	70 - 130
Toluene	0.00325		0.0998	0.09748		mg/Kg		94	70 - 130
Ethylbenzene	<0.00200	U	0.0998	0.09956		mg/Kg		98	70 - 130
m-Xylene & p-Xylene	0.00573		0.200	0.1941		mg/Kg		94	70 - 130
o-Xylene	0.00269		0.0998	0.09390		mg/Kg		91	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-8242-A-1-B MSD

Matrix: Solid

Analysis Batch: 12115

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 12117

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	<0.00200	U	0.0996	0.08205		mg/Kg		81	70 - 130	4	35
Toluene	0.00325		0.0996	0.08639		mg/Kg		83	70 - 130	12	35
Ethylbenzene	<0.00200	U	0.0996	0.09276		mg/Kg		92	70 - 130	7	35
m-Xylene & p-Xylene	0.00573		0.199	0.1757		mg/Kg		85	70 - 130	10	35
o-Xylene	0.00269		0.0996	0.08560		mg/Kg		83	70 - 130	9	35

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-8242-A-1-B MSD

Matrix: Solid

Analysis Batch: 12115

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 12117

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: MB 880-12121/5-A

Matrix: Solid

Analysis Batch: 12115

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12121

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/12/21 11:20	11/13/21 02:37	1	
Toluene	<0.00200	U	0.00200		mg/Kg		11/12/21 11:20	11/13/21 02:37	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/12/21 11:20	11/13/21 02:37	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/12/21 11:20	11/13/21 02:37	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/12/21 11:20	11/13/21 02:37	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/12/21 11:20	11/13/21 02:37	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				11/12/21 11:20	11/13/21 02:37	1	
1,4-Difluorobenzene (Surr)	110		70 - 130				11/12/21 11:20	11/13/21 02:37	1	

Lab Sample ID: LCS 880-12121/1-A

Matrix: Solid

Analysis Batch: 12115

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12121

	Spike	LCS	LCS						%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Benzene	0.100	0.07594		mg/Kg		76	70 - 130			
Toluene	0.100	0.08058		mg/Kg		81	70 - 130			
Ethylbenzene	0.100	0.08818		mg/Kg		88	70 - 130			
m-Xylene & p-Xylene	0.200	0.1646		mg/Kg		82	70 - 130			
o-Xylene	0.100	0.08416		mg/Kg		84	70 - 130			
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	110		70 - 130							
1,4-Difluorobenzene (Surr)	97		70 - 130							

Lab Sample ID: LCSD 880-12121/2-A

Matrix: Solid

Analysis Batch: 12115

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 12121

			Spike	LCSD	LCSD						%Rec.	RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene			0.100	0.08639		mg/Kg		86	70 - 130	13	35	
Toluene			0.100	0.08715		mg/Kg		87	70 - 130	8	35	
Ethylbenzene			0.100	0.09246		mg/Kg		92	70 - 130	5	35	
m-Xylene & p-Xylene			0.200	0.1774		mg/Kg		89	70 - 130	7	35	
o-Xylene			0.100	0.08693		mg/Kg		87	70 - 130	3	35	
			LCSD	LCSD								
Surrogate	%Recovery	Qualifier	Limits									
4-Bromofluorobenzene (Surr)	111		70 - 130									

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-12121/2-A

Matrix: Solid

Analysis Batch: 12115

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 12121

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-8246-A-1-D MS

Matrix: Solid

Analysis Batch: 12115

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 12121

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U F1	0.101	0.04243	F1	mg/Kg		41	70 - 130
Toluene	<0.00200	U F1	0.101	0.04009	F1	mg/Kg		39	70 - 130
Ethylbenzene	<0.00200	U F1 F2	0.101	0.02937	F1	mg/Kg		29	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1 F2	0.201	0.04220	F1	mg/Kg		20	70 - 130
o-Xylene	<0.00200	U F1 F2	0.101	0.02601	F1	mg/Kg		24	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	129		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 880-8246-A-1-E MSD

Matrix: Solid

Analysis Batch: 12115

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 12121

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.100	0.04249	F1	mg/Kg		41	70 - 130	0	35
Toluene	<0.00200	U F1	0.100	0.02976	F1	mg/Kg		28	70 - 130	30	35
Ethylbenzene	<0.00200	U F1 F2	0.100	0.01783	F1 F2	mg/Kg		18	70 - 130	49	35
m-Xylene & p-Xylene	<0.00399	U F1 F2	0.201	0.02813	F1 F2	mg/Kg		13	70 - 130	40	35
o-Xylene	<0.00200	U F1 F2	0.100	0.01304	F1 F2	mg/Kg		11	70 - 130	66	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-11920/1-A

Matrix: Solid

Analysis Batch: 11986

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 11920

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/10/21 10:56	11/11/21 09:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/10/21 10:56	11/11/21 09:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/10/21 10:56	11/11/21 09:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	11/10/21 10:56	11/11/21 09:33	1
o-Terphenyl	120		70 - 130	11/10/21 10:56	11/11/21 09:33	1

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-11920/2-A

Matrix: Solid

Analysis Batch: 11986

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 11920

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec.		
			Added	Result	Qualifier			Limits			
Gasoline Range Organics (GRO)-C6-C10			1000	932.2		mg/Kg		93	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	788.1		mg/Kg		79	70 - 130		
							</				

Lab Sample ID: LCSD 880-11920/3-A

Matrix: Solid

Analysis Batch: 11986

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 11920

			Spike	LCSD	LCSD				%Rec.	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	982.5		mg/Kg		98	70 - 130	5	20
Diesel Range Organics (Over C10-C28)			1000	775.9		mg/Kg		78	70 - 130	2	20
			LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	88		70 - 130								
o-Terphenyl	92		70 - 130								

Lab Sample ID: 880-8143-A-1-B MS

Matrix: Solid

Analysis Batch: 11986

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 11920

	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	1108		mg/Kg		111	70 - 130		
Diesel Range Organics (Over C10-C28)	55.4		997	822.0		mg/Kg		77	70 - 130		

Lab Sample ID: 880-8143-A-1-C MSD

Matrix: Solid

Analysis Batch: 11986

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 11920

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1144		mg/Kg		115	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	55.4		998	892.9		mg/Kg		84	70 - 130	8	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	102		70 - 130								

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-8143-A-1-C MSD

Matrix: Solid

Analysis Batch: 11986

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 11920

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	92		70 - 130

Lab Sample ID: MB 880-11949/1-A

Matrix: Solid

Analysis Batch: 11994

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 11949

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/10/21 13:55	11/11/21 20:42	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/10/21 13:55	11/11/21 20:42	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/10/21 13:55	11/11/21 20:42	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane	127		70 - 130				11/10/21 13:55	11/11/21 20:42	1	
<i>o</i> -Terphenyl	146	S1+	70 - 130				11/10/21 13:55	11/11/21 20:42	1	

Lab Sample ID: LCS 880-11949/2-A

Matrix: Solid

Analysis Batch: 11994

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 11949

		Spike	LCS	LCS				%Rec.		
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10		1000	1133		mg/Kg		113	70 - 130		
Diesel Range Organics (Over C10-C28)		1000	959.3		mg/Kg		96	70 - 130		
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	96		70 - 130							
<i>o</i> -Terphenyl	105		70 - 130							

Lab Sample ID: LCSD 880-11949/3-A

Matrix: Solid

Analysis Batch: 11994

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 11949

			Spike	LCSD	LCSD				%Rec.	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1052		mg/Kg		105	70 - 130	7	20
Diesel Range Organics (Over C10-C28)			1000	952.5		mg/Kg		95	70 - 130	1	20
	LCSD	LCSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	86		70 - 130								
o-Terphenyl	89		70 - 130								

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-1549-36 MS

Matrix: Solid

Analysis Batch: 11994

Client Sample ID: P50

Prep Type: Total/NA

Prep Batch: 11949

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	4190		997	6712	4	mg/Kg		253	70 - 130
Surrogate	%Recovery	MS Qualifier	Limits						
1-Chlorooctane	277	S1+	70 - 130						
o-Terphenyl	147	S1+	70 - 130						

Lab Sample ID: 890-1549-36 MSD

Matrix: Solid

Analysis Batch: 11994

Client Sample ID: P50

Prep Type: Total/NA

Prep Batch: 11949

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	4190		998	5869	4	mg/Kg		168	70 - 130	13	20
Surrogate	%Recovery	MSD Qualifier	Limits								
1-Chlorooctane	237	S1+	70 - 130								
o-Terphenyl	137	S1+	70 - 130								

Lab Sample ID: MB 880-11999/1-A

Matrix: Solid

Analysis Batch: 11986

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 11999

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/11/21 09:47	11/11/21 18:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/11/21 09:47	11/11/21 18:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/11/21 09:47	11/11/21 18:48	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				11/11/21 09:47	11/11/21 18:48	1
o-Terphenyl	117		70 - 130				11/11/21 09:47	11/11/21 18:48	1

Lab Sample ID: LCS 880-11999/2-A

Matrix: Solid

Analysis Batch: 11986

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 11999

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1041		mg/Kg		104	70 - 130
Diesel Range Organics (Over C10-C28)	1000	797.7		mg/Kg		80	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	86		70 - 130				
o-Terphenyl	85		70 - 130				

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-11999/3-A

Matrix: Solid

Analysis Batch: 11986

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 11999

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	975.2		mg/Kg		98	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	1000	838.9		mg/Kg		84	70 - 130	5	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	87		70 - 130						
o-Terphenyl	88		70 - 130						

Lab Sample ID: 880-8100-A-7-E MS

Matrix: Solid

Analysis Batch: 11986

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 11999

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	1187		mg/Kg		119	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	997	828.7		mg/Kg		79	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	94		70 - 130								
o-Terphenyl	89		70 - 130								

Lab Sample ID: 880-8100-A-7-F MSD

Matrix: Solid

Analysis Batch: 11986

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 11999

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1127		mg/Kg		113	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	878.6		mg/Kg		84	70 - 130	6	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	98		70 - 130								
o-Terphenyl	93		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-12130/1-A

Matrix: Solid

Analysis Batch: 12201

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			11/13/21 22:13	1

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-12130/2-A

Matrix: Solid

Analysis Batch: 12201

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	253.7		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-12130/3-A

Matrix: Solid

Analysis Batch: 12201

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	255.1		mg/Kg		102	90 - 110	1	20

Lab Sample ID: 890-1549-1 MS

Matrix: Solid

Analysis Batch: 12201

Client Sample ID: P12

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	372		248	606.2		mg/Kg		95	90 - 110

Lab Sample ID: 890-1549-1 MSD

Matrix: Solid

Analysis Batch: 12201

Client Sample ID: P12

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	372		248	594.5		mg/Kg		90	90 - 110	2	20

Lab Sample ID: 890-1549-11 MS

Matrix: Solid

Analysis Batch: 12201

Client Sample ID: SP#3

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	90.4		250	333.2		mg/Kg		97	90 - 110

Lab Sample ID: 890-1549-11 MSD

Matrix: Solid

Analysis Batch: 12201

Client Sample ID: SP#3

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	90.4		250	337.8		mg/Kg		99	90 - 110	1	20

Lab Sample ID: MB 880-12131/1-A

Matrix: Solid

Analysis Batch: 12202

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			11/14/21 03:56	1

Lab Sample ID: LCS 880-12131/2-A

Matrix: Solid

Analysis Batch: 12202

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	231.3		mg/Kg		93	90 - 110

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-12131/3-A

Matrix: Solid

Analysis Batch: 12202

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride			250	235.9		mg/Kg		94	90 - 110	2	20

Lab Sample ID: 890-1549-21 MS

Matrix: Solid

Analysis Batch: 12202

Client Sample ID: P65

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	52.2		250	302.6		mg/Kg		100	90 - 110		

Lab Sample ID: 890-1549-21 MSD

Matrix: Solid

Analysis Batch: 12202

Client Sample ID: P65

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	52.2		250	296.0		mg/Kg		98	90 - 110	2	20

Lab Sample ID: 890-1549-31 MS

Matrix: Solid

Analysis Batch: 12202

Client Sample ID: P55

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	97.9	F1	250	121.3	F1	mg/Kg		9	90 - 110		

Lab Sample ID: 890-1549-31 MSD

Matrix: Solid

Analysis Batch: 12202

Client Sample ID: P55

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	97.9	F1	250	104.3	F1	mg/Kg		3	90 - 110	15	20

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

GC VOA

Prep Batch: 11791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1549-21	P65	Total/NA	Solid	5035	
890-1549-22	P64	Total/NA	Solid	5035	
890-1549-23	P63	Total/NA	Solid	5035	
890-1549-24	P62	Total/NA	Solid	5035	
890-1549-25	P61	Total/NA	Solid	5035	
890-1549-26	P60	Total/NA	Solid	5035	
890-1549-27	P59	Total/NA	Solid	5035	
890-1549-28	P58	Total/NA	Solid	5035	
890-1549-29	P57	Total/NA	Solid	5035	
890-1549-30	P56	Total/NA	Solid	5035	
890-1549-31	P55	Total/NA	Solid	5035	
890-1549-32	P54	Total/NA	Solid	5035	
890-1549-33	P53	Total/NA	Solid	5035	
890-1549-34	P52	Total/NA	Solid	5035	
890-1549-35	P51	Total/NA	Solid	5035	
890-1549-36	P50	Total/NA	Solid	5035	
890-1549-37	P49	Total/NA	Solid	5035	
MB 880-11791/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-11791/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-11791/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1547-A-4-D MS	Matrix Spike	Total/NA	Solid	5035	
890-1547-A-4-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 11799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1549-1	P12	Total/NA	Solid	5035	
890-1549-2	P13	Total/NA	Solid	5035	
890-1549-3	P14	Total/NA	Solid	5035	
890-1549-4	P15	Total/NA	Solid	5035	
890-1549-5	P16	Total/NA	Solid	5035	
890-1549-6	P17	Total/NA	Solid	5035	
890-1549-7	P18	Total/NA	Solid	5035	
890-1549-8	P19	Total/NA	Solid	5035	
890-1549-9	SP#1	Total/NA	Solid	5035	
890-1549-10	SP#2	Total/NA	Solid	5035	
890-1549-11	SP#3	Total/NA	Solid	5035	
890-1549-12	P23	Total/NA	Solid	5035	
890-1549-13	P24	Total/NA	Solid	5035	
890-1549-14	P25	Total/NA	Solid	5035	
890-1549-15	P26	Total/NA	Solid	5035	
890-1549-16	P27	Total/NA	Solid	5035	
890-1549-17	P28	Total/NA	Solid	5035	
890-1549-18	P29	Total/NA	Solid	5035	
890-1549-19	P30	Total/NA	Solid	5035	
890-1549-20	P31	Total/NA	Solid	5035	
MB 880-11799/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-11799/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-11799/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1549-1 MS	P12	Total/NA	Solid	5035	
890-1549-1 MSD	P12	Total/NA	Solid	5035	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

GC VOA

Prep Batch: 11822

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-11822/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 11849

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1549-2	P13	Total/NA	Solid	5035	
890-1549-3	P14	Total/NA	Solid	5035	
890-1549-4	P15	Total/NA	Solid	5035	
890-1549-5	P16	Total/NA	Solid	5035	
890-1549-31	P55	Total/NA	Solid	5035	
890-1549-32	P54	Total/NA	Solid	5035	
890-1549-33	P53	Total/NA	Solid	5035	
890-1549-34	P52	Total/NA	Solid	5035	
890-1549-35	P51	Total/NA	Solid	5035	
890-1549-36	P50	Total/NA	Solid	5035	
MB 880-11849/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-11849/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-11849/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1554-A-21-A MS	Matrix Spike	Total/NA	Solid	5035	
890-1554-A-21-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 11884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1549-1	P12	Total/NA	Solid	8021B	11799
890-1549-2	P13	Total/NA	Solid	8021B	11799
890-1549-3	P14	Total/NA	Solid	8021B	11799
890-1549-4	P15	Total/NA	Solid	8021B	11799
890-1549-5	P16	Total/NA	Solid	8021B	11799
890-1549-6	P17	Total/NA	Solid	8021B	11799
890-1549-7	P18	Total/NA	Solid	8021B	11799
890-1549-8	P19	Total/NA	Solid	8021B	11799
890-1549-9	SP#1	Total/NA	Solid	8021B	11799
890-1549-10	SP#2	Total/NA	Solid	8021B	11799
890-1549-11	SP#3	Total/NA	Solid	8021B	11799
890-1549-12	P23	Total/NA	Solid	8021B	11799
890-1549-13	P24	Total/NA	Solid	8021B	11799
890-1549-14	P25	Total/NA	Solid	8021B	11799
890-1549-15	P26	Total/NA	Solid	8021B	11799
890-1549-16	P27	Total/NA	Solid	8021B	11799
890-1549-17	P28	Total/NA	Solid	8021B	11799
890-1549-18	P29	Total/NA	Solid	8021B	11799
890-1549-19	P30	Total/NA	Solid	8021B	11799
890-1549-20	P31	Total/NA	Solid	8021B	11799
MB 880-11799/5-A	Method Blank	Total/NA	Solid	8021B	11799
MB 880-11822/5-A	Method Blank	Total/NA	Solid	8021B	11822
LCS 880-11799/1-A	Lab Control Sample	Total/NA	Solid	8021B	11799
LCSD 880-11799/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	11799
890-1549-1 MS	P12	Total/NA	Solid	8021B	11799
890-1549-1 MSD	P12	Total/NA	Solid	8021B	11799

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

GC VOA

Analysis Batch: 11902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1549-21	P65	Total/NA	Solid	8021B	11791
890-1549-22	P64	Total/NA	Solid	8021B	11791
890-1549-23	P63	Total/NA	Solid	8021B	11791
890-1549-24	P62	Total/NA	Solid	8021B	11791
890-1549-25	P61	Total/NA	Solid	8021B	11791
890-1549-26	P60	Total/NA	Solid	8021B	11791
890-1549-27	P59	Total/NA	Solid	8021B	11791
890-1549-28	P58	Total/NA	Solid	8021B	11791
890-1549-29	P57	Total/NA	Solid	8021B	11791
890-1549-30	P56	Total/NA	Solid	8021B	11791
890-1549-31	P55	Total/NA	Solid	8021B	11791
890-1549-32	P54	Total/NA	Solid	8021B	11791
890-1549-33	P53	Total/NA	Solid	8021B	11791
890-1549-34	P52	Total/NA	Solid	8021B	11791
890-1549-35	P51	Total/NA	Solid	8021B	11791
890-1549-36	P50	Total/NA	Solid	8021B	11791
890-1549-37	P49	Total/NA	Solid	8021B	11791
MB 880-11791/5-A	Method Blank	Total/NA	Solid	8021B	11791
LCS 880-11791/1-A	Lab Control Sample	Total/NA	Solid	8021B	11791
LCSD 880-11791/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	11791
890-1547-A-4-D MS	Matrix Spike	Total/NA	Solid	8021B	11791
890-1547-A-4-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	11791

Prep Batch: 11996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1549-21	P65	Total/NA	Solid	5035	
890-1549-22	P64	Total/NA	Solid	5035	
890-1549-23	P63	Total/NA	Solid	5035	
890-1549-24	P62	Total/NA	Solid	5035	
890-1549-25	P61	Total/NA	Solid	5035	
890-1549-26	P60	Total/NA	Solid	5035	
890-1549-27	P59	Total/NA	Solid	5035	
890-1549-28	P58	Total/NA	Solid	5035	
890-1549-29	P57	Total/NA	Solid	5035	
890-1549-30	P56	Total/NA	Solid	5035	
MB 880-11996/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-11996/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-11996/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1555-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 11997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1549-2	P13	Total/NA	Solid	8021B	11849
890-1549-3	P14	Total/NA	Solid	8021B	11849
890-1549-4	P15	Total/NA	Solid	8021B	11849
890-1549-5	P16	Total/NA	Solid	8021B	11849
890-1549-21	P65	Total/NA	Solid	8021B	11996
890-1549-22	P64	Total/NA	Solid	8021B	11996
890-1549-23	P63	Total/NA	Solid	8021B	11996
890-1549-24	P62	Total/NA	Solid	8021B	11996
890-1549-25	P61	Total/NA	Solid	8021B	11996

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC

Job ID: 890-1549-1

Project/Site: Blue Stem

GC VOA (Continued)

Analysis Batch: 11997 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1549-26	P60	Total/NA	Solid	8021B	11996
890-1549-27	P59	Total/NA	Solid	8021B	11996
890-1549-28	P58	Total/NA	Solid	8021B	11996
890-1549-29	P57	Total/NA	Solid	8021B	11996
890-1549-30	P56	Total/NA	Solid	8021B	11996
890-1549-31	P55	Total/NA	Solid	8021B	11849
890-1549-32	P54	Total/NA	Solid	8021B	11849
890-1549-33	P53	Total/NA	Solid	8021B	11849
890-1549-34	P52	Total/NA	Solid	8021B	11849
890-1549-35	P51	Total/NA	Solid	8021B	11849
890-1549-36	P50	Total/NA	Solid	8021B	11849
MB 880-11849/5-A	Method Blank	Total/NA	Solid	8021B	11849
MB 880-11996/5-A	Method Blank	Total/NA	Solid	8021B	11996
LCS 880-11849/1-A	Lab Control Sample	Total/NA	Solid	8021B	11849
LCS 880-11996/1-A	Lab Control Sample	Total/NA	Solid	8021B	11996
LCSD 880-11849/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	11849
LCSD 880-11996/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	11996
890-1554-A-21-A MS	Matrix Spike	Total/NA	Solid	8021B	11849
890-1554-A-21-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	11849
890-1555-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	
890-1555-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	11996

Prep Batch: 12000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1549-6	P17	Total/NA	Solid	5035	
890-1549-7	P18	Total/NA	Solid	5035	
890-1549-8	P19	Total/NA	Solid	5035	
890-1549-9	SP#1	Total/NA	Solid	5035	
890-1549-10	SP#2	Total/NA	Solid	5035	
890-1549-11	SP#3	Total/NA	Solid	5035	
890-1549-12	P23	Total/NA	Solid	5035	
890-1549-13	P24	Total/NA	Solid	5035	
890-1549-14	P25	Total/NA	Solid	5035	
890-1549-15	P26	Total/NA	Solid	5035	
890-1549-16	P27	Total/NA	Solid	5035	
890-1549-17	P28	Total/NA	Solid	5035	
890-1549-18	P29	Total/NA	Solid	5035	
890-1549-19	P30	Total/NA	Solid	5035	
890-1549-20	P31	Total/NA	Solid	5035	
MB 880-12000/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-12000/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-12000/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-8144-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-8144-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 12003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1549-6	P17	Total/NA	Solid	8021B	12000
890-1549-7	P18	Total/NA	Solid	8021B	12000
890-1549-8	P19	Total/NA	Solid	8021B	12000
890-1549-9	SP#1	Total/NA	Solid	8021B	12000

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC

Job ID: 890-1549-1

Project/Site: Blue Stem

GC VOA (Continued)

Analysis Batch: 12003 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1549-10	SP#2	Total/NA	Solid	8021B	12000
890-1549-11	SP#3	Total/NA	Solid	8021B	12000
890-1549-12	P23	Total/NA	Solid	8021B	12000
890-1549-13	P24	Total/NA	Solid	8021B	12000
890-1549-14	P25	Total/NA	Solid	8021B	12000
890-1549-15	P26	Total/NA	Solid	8021B	12000
890-1549-16	P27	Total/NA	Solid	8021B	12000
890-1549-17	P28	Total/NA	Solid	8021B	12000
890-1549-18	P29	Total/NA	Solid	8021B	12000
890-1549-19	P30	Total/NA	Solid	8021B	12000
890-1549-20	P31	Total/NA	Solid	8021B	12000
MB 880-12000/5-A	Method Blank	Total/NA	Solid	8021B	12000
LCS 880-12000/1-A	Lab Control Sample	Total/NA	Solid	8021B	12000
LCSD 880-12000/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	12000
880-8144-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	12000
880-8144-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	12000

Analysis Batch: 12040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1549-1	P12	Total/NA	Solid	Total BTEX	
890-1549-2	P13	Total/NA	Solid	Total BTEX	
890-1549-3	P14	Total/NA	Solid	Total BTEX	
890-1549-4	P15	Total/NA	Solid	Total BTEX	
890-1549-5	P16	Total/NA	Solid	Total BTEX	
890-1549-6	P17	Total/NA	Solid	Total BTEX	
890-1549-7	P18	Total/NA	Solid	Total BTEX	
890-1549-8	P19	Total/NA	Solid	Total BTEX	
890-1549-9	SP#1	Total/NA	Solid	Total BTEX	
890-1549-10	SP#2	Total/NA	Solid	Total BTEX	
890-1549-11	SP#3	Total/NA	Solid	Total BTEX	
890-1549-12	P23	Total/NA	Solid	Total BTEX	
890-1549-13	P24	Total/NA	Solid	Total BTEX	
890-1549-14	P25	Total/NA	Solid	Total BTEX	
890-1549-15	P26	Total/NA	Solid	Total BTEX	
890-1549-16	P27	Total/NA	Solid	Total BTEX	
890-1549-17	P28	Total/NA	Solid	Total BTEX	
890-1549-18	P29	Total/NA	Solid	Total BTEX	
890-1549-19	P30	Total/NA	Solid	Total BTEX	
890-1549-20	P31	Total/NA	Solid	Total BTEX	
890-1549-21	P65	Total/NA	Solid	Total BTEX	
890-1549-22	P64	Total/NA	Solid	Total BTEX	
890-1549-23	P63	Total/NA	Solid	Total BTEX	
890-1549-24	P62	Total/NA	Solid	Total BTEX	
890-1549-25	P61	Total/NA	Solid	Total BTEX	
890-1549-26	P60	Total/NA	Solid	Total BTEX	
890-1549-27	P59	Total/NA	Solid	Total BTEX	
890-1549-28	P58	Total/NA	Solid	Total BTEX	
890-1549-29	P57	Total/NA	Solid	Total BTEX	
890-1549-30	P56	Total/NA	Solid	Total BTEX	
890-1549-31	P55	Total/NA	Solid	Total BTEX	
890-1549-32	P54	Total/NA	Solid	Total BTEX	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

GC VOA (Continued)

Analysis Batch: 12040 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1549-33	P53	Total/NA	Solid	Total BTEX	
890-1549-34	P52	Total/NA	Solid	Total BTEX	
890-1549-35	P51	Total/NA	Solid	Total BTEX	
890-1549-36	P50	Total/NA	Solid	Total BTEX	
890-1549-37	P49	Total/NA	Solid	Total BTEX	

Analysis Batch: 12115

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1549-4	P15	Total/NA	Solid	8021B	12121
890-1549-10	SP#2	Total/NA	Solid	8021B	12117
890-1549-15	P26	Total/NA	Solid	8021B	12117
890-1549-16	P27	Total/NA	Solid	8021B	12117
890-1549-17	P28	Total/NA	Solid	8021B	12117
890-1549-18	P29	Total/NA	Solid	8021B	12117
890-1549-23	P63	Total/NA	Solid	8021B	12117
890-1549-24	P62	Total/NA	Solid	8021B	12117
890-1549-25	P61	Total/NA	Solid	8021B	12117
890-1549-26	P60	Total/NA	Solid	8021B	12117
890-1549-31	P55	Total/NA	Solid	8021B	12117
890-1549-32	P54	Total/NA	Solid	8021B	12117
890-1549-33	P53	Total/NA	Solid	8021B	12117
890-1549-34	P52	Total/NA	Solid	8021B	12117
MB 880-12117/5-A	Method Blank	Total/NA	Solid	8021B	12117
MB 880-12121/5-A	Method Blank	Total/NA	Solid	8021B	12121
LCS 880-12117/1-A	Lab Control Sample	Total/NA	Solid	8021B	12117
LCS 880-12121/1-A	Lab Control Sample	Total/NA	Solid	8021B	12121
LCSD 880-12117/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	12117
LCSD 880-12121/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	12121
880-8242-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	12117
880-8242-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	12117
880-8246-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	12121
880-8246-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	12121

Prep Batch: 12117

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1549-10	SP#2	Total/NA	Solid	5035	
890-1549-15	P26	Total/NA	Solid	5035	
890-1549-16	P27	Total/NA	Solid	5035	
890-1549-17	P28	Total/NA	Solid	5035	
890-1549-18	P29	Total/NA	Solid	5035	
890-1549-23	P63	Total/NA	Solid	5035	
890-1549-24	P62	Total/NA	Solid	5035	
890-1549-25	P61	Total/NA	Solid	5035	
890-1549-26	P60	Total/NA	Solid	5035	
890-1549-31	P55	Total/NA	Solid	5035	
890-1549-32	P54	Total/NA	Solid	5035	
890-1549-33	P53	Total/NA	Solid	5035	
890-1549-34	P52	Total/NA	Solid	5035	
MB 880-12117/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-12117/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-12117/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

GC VOA (Continued)

Prep Batch: 12117 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-8242-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-8242-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 12121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1549-4	P15	Total/NA	Solid	5035	
MB 880-12121/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-12121/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-12121/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-8246-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
880-8246-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 11920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1549-1	P12	Total/NA	Solid	8015NM Prep	
890-1549-31	P55	Total/NA	Solid	8015NM Prep	
890-1549-32	P54	Total/NA	Solid	8015NM Prep	
890-1549-33	P53	Total/NA	Solid	8015NM Prep	
890-1549-34	P52	Total/NA	Solid	8015NM Prep	
890-1549-35	P51	Total/NA	Solid	8015NM Prep	
890-1549-37	P49	Total/NA	Solid	8015NM Prep	
MB 880-11920/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-11920/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-11920/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-8143-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-8143-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 11949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1549-2	P13	Total/NA	Solid	8015NM Prep	
890-1549-3	P14	Total/NA	Solid	8015NM Prep	
890-1549-4	P15	Total/NA	Solid	8015NM Prep	
890-1549-5	P16	Total/NA	Solid	8015NM Prep	
890-1549-6	P17	Total/NA	Solid	8015NM Prep	
890-1549-7	P18	Total/NA	Solid	8015NM Prep	
890-1549-8	P19	Total/NA	Solid	8015NM Prep	
890-1549-9	SP#1	Total/NA	Solid	8015NM Prep	
890-1549-10	SP#2	Total/NA	Solid	8015NM Prep	
890-1549-11	SP#3	Total/NA	Solid	8015NM Prep	
890-1549-12	P23	Total/NA	Solid	8015NM Prep	
890-1549-13	P24	Total/NA	Solid	8015NM Prep	
890-1549-14	P25	Total/NA	Solid	8015NM Prep	
890-1549-15	P26	Total/NA	Solid	8015NM Prep	
890-1549-16	P27	Total/NA	Solid	8015NM Prep	
890-1549-17	P28	Total/NA	Solid	8015NM Prep	
890-1549-18	P29	Total/NA	Solid	8015NM Prep	
890-1549-19	P30	Total/NA	Solid	8015NM Prep	
890-1549-20	P31	Total/NA	Solid	8015NM Prep	
890-1549-36	P50	Total/NA	Solid	8015NM Prep	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

GC Semi VOA (Continued)

Prep Batch: 11949 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-11949/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-11949/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-11949/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1549-36 MS	P50	Total/NA	Solid	8015NM Prep	
890-1549-36 MSD	P50	Total/NA	Solid	8015NM Prep	

Analysis Batch: 11986

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1549-1	P12	Total/NA	Solid	8015B NM	11920
890-1549-21	P65	Total/NA	Solid	8015B NM	11999
890-1549-22	P64	Total/NA	Solid	8015B NM	11999
890-1549-23	P63	Total/NA	Solid	8015B NM	11999
890-1549-24	P62	Total/NA	Solid	8015B NM	11999
890-1549-25	P61	Total/NA	Solid	8015B NM	11999
890-1549-26	P60	Total/NA	Solid	8015B NM	11999
890-1549-27	P59	Total/NA	Solid	8015B NM	11999
890-1549-28	P58	Total/NA	Solid	8015B NM	11999
890-1549-29	P57	Total/NA	Solid	8015B NM	11999
890-1549-30	P56	Total/NA	Solid	8015B NM	11999
890-1549-31	P55	Total/NA	Solid	8015B NM	11920
890-1549-32	P54	Total/NA	Solid	8015B NM	11920
890-1549-33	P53	Total/NA	Solid	8015B NM	11920
890-1549-34	P52	Total/NA	Solid	8015B NM	11920
890-1549-35	P51	Total/NA	Solid	8015B NM	11920
890-1549-37	P49	Total/NA	Solid	8015B NM	11920
MB 880-11920/1-A	Method Blank	Total/NA	Solid	8015B NM	11920
MB 880-11999/1-A	Method Blank	Total/NA	Solid	8015B NM	11999
LCS 880-11920/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	11920
LCS 880-11999/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	11999
LCSD 880-11920/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	11920
LCSD 880-11999/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	11999
880-8100-A-7-E MS	Matrix Spike	Total/NA	Solid	8015B NM	11999
880-8100-A-7-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	11999
880-8143-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	11920
880-8143-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	11920

Analysis Batch: 11994

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1549-2	P13	Total/NA	Solid	8015B NM	11949
890-1549-3	P14	Total/NA	Solid	8015B NM	11949
890-1549-4	P15	Total/NA	Solid	8015B NM	11949
890-1549-5	P16	Total/NA	Solid	8015B NM	11949
890-1549-6	P17	Total/NA	Solid	8015B NM	11949
890-1549-7	P18	Total/NA	Solid	8015B NM	11949
890-1549-8	P19	Total/NA	Solid	8015B NM	11949
890-1549-9	SP#1	Total/NA	Solid	8015B NM	11949
890-1549-10	SP#2	Total/NA	Solid	8015B NM	11949
890-1549-11	SP#3	Total/NA	Solid	8015B NM	11949
890-1549-12	P23	Total/NA	Solid	8015B NM	11949
890-1549-13	P24	Total/NA	Solid	8015B NM	11949
890-1549-14	P25	Total/NA	Solid	8015B NM	11949

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

GC Semi VOA (Continued)

Analysis Batch: 11994 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1549-15	P26	Total/NA	Solid	8015B NM	11949
890-1549-16	P27	Total/NA	Solid	8015B NM	11949
890-1549-17	P28	Total/NA	Solid	8015B NM	11949
890-1549-18	P29	Total/NA	Solid	8015B NM	11949
890-1549-19	P30	Total/NA	Solid	8015B NM	11949
890-1549-20	P31	Total/NA	Solid	8015B NM	11949
890-1549-36	P50	Total/NA	Solid	8015B NM	11949
MB 880-11949/1-A	Method Blank	Total/NA	Solid	8015B NM	11949
LCS 880-11949/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	11949
LCSD 880-11949/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	11949
890-1549-36 MS	P50	Total/NA	Solid	8015B NM	11949
890-1549-36 MSD	P50	Total/NA	Solid	8015B NM	11949

Prep Batch: 11999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1549-21	P65	Total/NA	Solid	8015NM Prep	
890-1549-22	P64	Total/NA	Solid	8015NM Prep	
890-1549-23	P63	Total/NA	Solid	8015NM Prep	
890-1549-24	P62	Total/NA	Solid	8015NM Prep	
890-1549-25	P61	Total/NA	Solid	8015NM Prep	
890-1549-26	P60	Total/NA	Solid	8015NM Prep	
890-1549-27	P59	Total/NA	Solid	8015NM Prep	
890-1549-28	P58	Total/NA	Solid	8015NM Prep	
890-1549-29	P57	Total/NA	Solid	8015NM Prep	
890-1549-30	P56	Total/NA	Solid	8015NM Prep	
MB 880-11999/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-11999/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-11999/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-8100-A-7-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-8100-A-7-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 12045

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1549-1	P12	Total/NA	Solid	8015 NM	
890-1549-2	P13	Total/NA	Solid	8015 NM	
890-1549-3	P14	Total/NA	Solid	8015 NM	
890-1549-4	P15	Total/NA	Solid	8015 NM	
890-1549-5	P16	Total/NA	Solid	8015 NM	
890-1549-6	P17	Total/NA	Solid	8015 NM	
890-1549-7	P18	Total/NA	Solid	8015 NM	
890-1549-8	P19	Total/NA	Solid	8015 NM	
890-1549-9	SP#1	Total/NA	Solid	8015 NM	
890-1549-10	SP#2	Total/NA	Solid	8015 NM	
890-1549-11	SP#3	Total/NA	Solid	8015 NM	
890-1549-12	P23	Total/NA	Solid	8015 NM	
890-1549-13	P24	Total/NA	Solid	8015 NM	
890-1549-14	P25	Total/NA	Solid	8015 NM	
890-1549-15	P26	Total/NA	Solid	8015 NM	
890-1549-16	P27	Total/NA	Solid	8015 NM	
890-1549-17	P28	Total/NA	Solid	8015 NM	
890-1549-18	P29	Total/NA	Solid	8015 NM	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

GC Semi VOA (Continued)

Analysis Batch: 12045 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1549-19	P30	Total/NA	Solid	8015 NM	
890-1549-20	P31	Total/NA	Solid	8015 NM	
890-1549-21	P65	Total/NA	Solid	8015 NM	
890-1549-22	P64	Total/NA	Solid	8015 NM	
890-1549-23	P63	Total/NA	Solid	8015 NM	
890-1549-24	P62	Total/NA	Solid	8015 NM	
890-1549-25	P61	Total/NA	Solid	8015 NM	
890-1549-26	P60	Total/NA	Solid	8015 NM	
890-1549-27	P59	Total/NA	Solid	8015 NM	
890-1549-28	P58	Total/NA	Solid	8015 NM	
890-1549-29	P57	Total/NA	Solid	8015 NM	
890-1549-30	P56	Total/NA	Solid	8015 NM	
890-1549-31	P55	Total/NA	Solid	8015 NM	
890-1549-32	P54	Total/NA	Solid	8015 NM	
890-1549-33	P53	Total/NA	Solid	8015 NM	
890-1549-34	P52	Total/NA	Solid	8015 NM	
890-1549-35	P51	Total/NA	Solid	8015 NM	
890-1549-36	P50	Total/NA	Solid	8015 NM	
890-1549-37	P49	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 12130

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1549-1	P12	Soluble	Solid	DI Leach	
890-1549-2	P13	Soluble	Solid	DI Leach	
890-1549-3	P14	Soluble	Solid	DI Leach	
890-1549-4	P15	Soluble	Solid	DI Leach	
890-1549-5	P16	Soluble	Solid	DI Leach	
890-1549-6	P17	Soluble	Solid	DI Leach	
890-1549-7	P18	Soluble	Solid	DI Leach	
890-1549-8	P19	Soluble	Solid	DI Leach	
890-1549-9	SP#1	Soluble	Solid	DI Leach	
890-1549-10	SP#2	Soluble	Solid	DI Leach	
890-1549-11	SP#3	Soluble	Solid	DI Leach	
890-1549-12	P23	Soluble	Solid	DI Leach	
890-1549-13	P24	Soluble	Solid	DI Leach	
890-1549-14	P25	Soluble	Solid	DI Leach	
890-1549-15	P26	Soluble	Solid	DI Leach	
890-1549-16	P27	Soluble	Solid	DI Leach	
890-1549-17	P28	Soluble	Solid	DI Leach	
890-1549-18	P29	Soluble	Solid	DI Leach	
890-1549-19	P30	Soluble	Solid	DI Leach	
890-1549-20	P31	Soluble	Solid	DI Leach	
MB 880-12130/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-12130/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-12130/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1549-1 MS	P12	Soluble	Solid	DI Leach	
890-1549-1 MSD	P12	Soluble	Solid	DI Leach	
890-1549-11 MS	SP#3	Soluble	Solid	DI Leach	
890-1549-11 MSD	SP#3	Soluble	Solid	DI Leach	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

HPLC/IC

Leach Batch: 12131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1549-21	P65	Soluble	Solid	DI Leach	
890-1549-22	P64	Soluble	Solid	DI Leach	
890-1549-23	P63	Soluble	Solid	DI Leach	
890-1549-24	P62	Soluble	Solid	DI Leach	
890-1549-25	P61	Soluble	Solid	DI Leach	
890-1549-26	P60	Soluble	Solid	DI Leach	
890-1549-27	P59	Soluble	Solid	DI Leach	
890-1549-28	P58	Soluble	Solid	DI Leach	
890-1549-29	P57	Soluble	Solid	DI Leach	
890-1549-30	P56	Soluble	Solid	DI Leach	
890-1549-31	P55	Soluble	Solid	DI Leach	
890-1549-32	P54	Soluble	Solid	DI Leach	
890-1549-33	P53	Soluble	Solid	DI Leach	
890-1549-34	P52	Soluble	Solid	DI Leach	
890-1549-35	P51	Soluble	Solid	DI Leach	
890-1549-36	P50	Soluble	Solid	DI Leach	
890-1549-37	P49	Soluble	Solid	DI Leach	
MB 880-12131/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-12131/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-12131/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1549-21 MS	P65	Soluble	Solid	DI Leach	
890-1549-21 MSD	P65	Soluble	Solid	DI Leach	
890-1549-31 MS	P55	Soluble	Solid	DI Leach	
890-1549-31 MSD	P55	Soluble	Solid	DI Leach	

Analysis Batch: 12201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1549-1	P12	Soluble	Solid	300.0	12130
890-1549-2	P13	Soluble	Solid	300.0	12130
890-1549-3	P14	Soluble	Solid	300.0	12130
890-1549-4	P15	Soluble	Solid	300.0	12130
890-1549-5	P16	Soluble	Solid	300.0	12130
890-1549-6	P17	Soluble	Solid	300.0	12130
890-1549-7	P18	Soluble	Solid	300.0	12130
890-1549-8	P19	Soluble	Solid	300.0	12130
890-1549-9	SP#1	Soluble	Solid	300.0	12130
890-1549-10	SP#2	Soluble	Solid	300.0	12130
890-1549-11	SP#3	Soluble	Solid	300.0	12130
890-1549-12	P23	Soluble	Solid	300.0	12130
890-1549-13	P24	Soluble	Solid	300.0	12130
890-1549-14	P25	Soluble	Solid	300.0	12130
890-1549-15	P26	Soluble	Solid	300.0	12130
890-1549-16	P27	Soluble	Solid	300.0	12130
890-1549-17	P28	Soluble	Solid	300.0	12130
890-1549-18	P29	Soluble	Solid	300.0	12130
890-1549-19	P30	Soluble	Solid	300.0	12130
890-1549-20	P31	Soluble	Solid	300.0	12130
MB 880-12130/1-A	Method Blank	Soluble	Solid	300.0	12130
LCS 880-12130/2-A	Lab Control Sample	Soluble	Solid	300.0	12130
LCSD 880-12130/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	12130
890-1549-1 MS	P12	Soluble	Solid	300.0	12130

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

HPLC/IC (Continued)

Analysis Batch: 12201 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1549-1 MSD	P12	Soluble	Solid	300.0	12130
890-1549-11 MS	SP#3	Soluble	Solid	300.0	12130
890-1549-11 MSD	SP#3	Soluble	Solid	300.0	12130

Analysis Batch: 12202

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1549-21	P65	Soluble	Solid	300.0	12131
890-1549-22	P64	Soluble	Solid	300.0	12131
890-1549-23	P63	Soluble	Solid	300.0	12131
890-1549-24	P62	Soluble	Solid	300.0	12131
890-1549-25	P61	Soluble	Solid	300.0	12131
890-1549-26	P60	Soluble	Solid	300.0	12131
890-1549-27	P59	Soluble	Solid	300.0	12131
890-1549-28	P58	Soluble	Solid	300.0	12131
890-1549-29	P57	Soluble	Solid	300.0	12131
890-1549-30	P56	Soluble	Solid	300.0	12131
890-1549-31	P55	Soluble	Solid	300.0	12131
890-1549-32	P54	Soluble	Solid	300.0	12131
890-1549-33	P53	Soluble	Solid	300.0	12131
890-1549-34	P52	Soluble	Solid	300.0	12131
890-1549-35	P51	Soluble	Solid	300.0	12131
890-1549-36	P50	Soluble	Solid	300.0	12131
890-1549-37	P49	Soluble	Solid	300.0	12131
MB 880-12131/1-A	Method Blank	Soluble	Solid	300.0	12131
LCS 880-12131/2-A	Lab Control Sample	Soluble	Solid	300.0	12131
LCSD 880-12131/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	12131
890-1549-21 MS	P65	Soluble	Solid	300.0	12131
890-1549-21 MSD	P65	Soluble	Solid	300.0	12131
890-1549-31 MS	P55	Soluble	Solid	300.0	12131
890-1549-31 MSD	P55	Soluble	Solid	300.0	12131

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: P12

Lab Sample ID: 890-1549-1

Date Collected: 11/08/21 11:17

Matrix: Solid

Date Received: 11/08/21 16:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	11799	11/10/21 08:45	MR	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11884	11/11/21 01:47	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12040	11/11/21 14:14	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:00	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	11920	11/10/21 10:56	AM	XEN MID
Total/NA	Analysis	8015B NM		1			11986	11/11/21 18:08	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	12130	11/12/21 12:30	CH	XEN MID
Soluble	Analysis	300.0		1			12201	11/15/21 12:21	CH	XEN MID

Client Sample ID: P13

Lab Sample ID: 890-1549-2

Date Collected: 11/08/21 11:20

Matrix: Solid

Date Received: 11/08/21 16:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	11849	11/10/21 11:30	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	11997	11/12/21 07:59	MR	XEN MID
Total/NA	Prep	5035			5.04 g	5 mL	11799	11/10/21 08:45	MR	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11884	11/11/21 02:08	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12040	11/11/21 14:14	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:00	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	11949	11/10/21 13:55	DM	XEN MID
Total/NA	Analysis	8015B NM		10			11994	11/11/21 22:53	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	12130	11/12/21 12:30	CH	XEN MID
Soluble	Analysis	300.0		1			12201	11/13/21 22:42	CH	XEN MID

Client Sample ID: P14

Lab Sample ID: 890-1549-3

Date Collected: 11/08/21 11:23

Matrix: Solid

Date Received: 11/08/21 16:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	11849	11/10/21 11:30	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	11997	11/12/21 08:20	MR	XEN MID
Total/NA	Prep	5035			5.02 g	5 mL	11799	11/10/21 08:45	MR	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11884	11/11/21 02:28	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12040	11/11/21 14:14	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:00	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	11949	11/10/21 13:55	DM	XEN MID
Total/NA	Analysis	8015B NM		10			11994	11/11/21 23:17	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	12130	11/12/21 12:30	CH	XEN MID
Soluble	Analysis	300.0		1			12201	11/13/21 22:47	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: P15

Lab Sample ID: 890-1549-4

Date Collected: 11/08/21 11:27

Matrix: Solid

Date Received: 11/08/21 16:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	11849	11/10/21 11:30	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	11997	11/12/21 08:40	MR	XEN MID
Total/NA	Prep	5035			4.98 g	5 mL	12121	11/12/21 11:20	KL	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	12115	11/13/21 05:08	KL	XEN MID
Total/NA	Prep	5035			5.01 g	5 mL	11799	11/10/21 08:45	MR	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11884	11/11/21 02:49	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12040	11/11/21 14:14	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:00	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	11949	11/10/21 13:55	DM	XEN MID
Total/NA	Analysis	8015B NM		5			11994	11/11/21 23:43	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	12130	11/12/21 12:30	CH	XEN MID
Soluble	Analysis	300.0		1			12201	11/13/21 22:52	CH	XEN MID

Client Sample ID: P16

Lab Sample ID: 890-1549-5

Date Collected: 11/08/21 11:30

Matrix: Solid

Date Received: 11/08/21 16:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	11849	11/10/21 11:30	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	11997	11/12/21 09:00	MR	XEN MID
Total/NA	Prep	5035			5.02 g	5 mL	11799	11/10/21 08:45	MR	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11884	11/11/21 03:09	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12040	11/11/21 14:14	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:00	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	11949	11/10/21 13:55	DM	XEN MID
Total/NA	Analysis	8015B NM		5			11994	11/12/21 00:09	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	12130	11/12/21 12:30	CH	XEN MID
Soluble	Analysis	300.0		1			12201	11/13/21 22:57	CH	XEN MID

Client Sample ID: P17

Lab Sample ID: 890-1549-6

Date Collected: 11/08/21 11:37

Matrix: Solid

Date Received: 11/08/21 16:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	11799	11/10/21 08:45	MR	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11884	11/11/21 03:29	KL	XEN MID
Total/NA	Prep	5035			5.03 g	5 mL	12000	11/11/21 09:53	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12003	11/11/21 16:01	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12040	11/11/21 14:14	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:00	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	11949	11/10/21 13:55	DM	XEN MID
Total/NA	Analysis	8015B NM		5			11994	11/12/21 00:36	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	12130	11/12/21 12:30	CH	XEN MID
Soluble	Analysis	300.0		1			12201	11/13/21 23:12	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: P18

Lab Sample ID: 890-1549-7

Date Collected: 11/08/21 11:38

Matrix: Solid

Date Received: 11/08/21 16:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	11799	11/10/21 08:45	MR	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11884	11/11/21 03:50	KL	XEN MID
Total/NA	Prep	5035			4.98 g	5 mL	12000	11/11/21 09:53	KL	XEN MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	12003	11/11/21 16:22	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12040	11/11/21 14:14	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:00	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	11949	11/10/21 13:55	DM	XEN MID
Total/NA	Analysis	8015B NM		5			11994	11/12/21 01:01	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	12130	11/12/21 12:30	CH	XEN MID
Soluble	Analysis	300.0		1			12201	11/13/21 23:16	CH	XEN MID

Client Sample ID: P19

Lab Sample ID: 890-1549-8

Date Collected: 11/08/21 11:43

Matrix: Solid

Date Received: 11/08/21 16:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	11799	11/10/21 08:45	MR	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11884	11/11/21 04:10	KL	XEN MID
Total/NA	Prep	5035			5.01 g	5 mL	12000	11/11/21 09:53	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12003	11/11/21 20:53	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12040	11/11/21 14:14	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:00	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	11949	11/10/21 13:55	DM	XEN MID
Total/NA	Analysis	8015B NM		5			11994	11/12/21 01:25	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	12130	11/12/21 12:30	CH	XEN MID
Soluble	Analysis	300.0		1			12201	11/13/21 23:21	CH	XEN MID

Client Sample ID: SP#1

Lab Sample ID: 890-1549-9

Date Collected: 11/08/21 11:48

Matrix: Solid

Date Received: 11/08/21 16:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	11799	11/10/21 08:45	MR	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11884	11/11/21 04:31	KL	XEN MID
Total/NA	Prep	5035			4.99 g	5 mL	12000	11/11/21 09:53	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12003	11/11/21 21:13	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12040	11/11/21 14:14	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:00	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	11949	11/10/21 13:55	DM	XEN MID
Total/NA	Analysis	8015B NM		5			11994	11/12/21 01:48	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	12130	11/12/21 12:30	CH	XEN MID
Soluble	Analysis	300.0		1			12201	11/13/21 23:26	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: SP#2

Lab Sample ID: 890-1549-10

Date Collected: 11/08/21 11:52

Matrix: Solid

Date Received: 11/08/21 16:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	12117	11/12/21 10:30	MR	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	12115	11/12/21 16:13	KL	XEN MID
Total/NA	Prep	5035			5.03 g	5 mL	11799	11/10/21 08:45	MR	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11884	11/11/21 04:51	KL	XEN MID
Total/NA	Prep	5035			4.97 g	5 mL	12000	11/11/21 09:53	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12003	11/11/21 21:34	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12040	11/11/21 14:14	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:00	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	11949	11/10/21 13:55	DM	XEN MID
Total/NA	Analysis	8015B NM		5			11994	11/12/21 02:14	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	12130	11/12/21 12:30	CH	XEN MID
Soluble	Analysis	300.0		1			12201	11/13/21 23:31	CH	XEN MID

Client Sample ID: SP#3

Lab Sample ID: 890-1549-11

Date Collected: 11/08/21 11:58

Matrix: Solid

Date Received: 11/08/21 16:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	11799	11/10/21 08:45	MR	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11884	11/11/21 06:13	KL	XEN MID
Total/NA	Prep	5035			4.97 g	5 mL	12000	11/11/21 09:53	KL	XEN MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	12003	11/11/21 22:56	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12040	11/11/21 14:14	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:00	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	11949	11/10/21 13:55	DM	XEN MID
Total/NA	Analysis	8015B NM		10			11994	11/12/21 03:01	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	12130	11/12/21 12:30	CH	XEN MID
Soluble	Analysis	300.0		1			12201	11/13/21 23:36	CH	XEN MID

Client Sample ID: P23

Lab Sample ID: 890-1549-12

Date Collected: 11/08/21 12:04

Matrix: Solid

Date Received: 11/08/21 16:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	11799	11/10/21 08:45	MR	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11884	11/11/21 06:33	KL	XEN MID
Total/NA	Prep	5035			5.00 g	5 mL	12000	11/11/21 09:53	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12003	11/11/21 23:16	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12040	11/11/21 14:14	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:00	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	11949	11/10/21 13:55	DM	XEN MID
Total/NA	Analysis	8015B NM		10			11994	11/12/21 03:31	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	12130	11/12/21 12:30	CH	XEN MID
Soluble	Analysis	300.0		1			12201	11/13/21 23:51	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: P24

Lab Sample ID: 890-1549-13

Date Collected: 11/08/21 12:10

Matrix: Solid

Date Received: 11/08/21 16:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	11799	11/10/21 08:45	MR	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11884	11/11/21 06:54	KL	XEN MID
Total/NA	Prep	5035			5.01 g	5 mL	12000	11/11/21 09:53	KL	XEN MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	12003	11/11/21 23:37	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12040	11/11/21 14:14	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:00	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	11949	11/10/21 13:55	DM	XEN MID
Total/NA	Analysis	8015B NM		10			11994	11/12/21 03:56	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	12130	11/12/21 12:30	CH	XEN MID
Soluble	Analysis	300.0		1			12201	11/13/21 23:56	CH	XEN MID

Client Sample ID: P25

Lab Sample ID: 890-1549-14

Date Collected: 11/08/21 12:16

Matrix: Solid

Date Received: 11/08/21 16:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	11799	11/10/21 08:45	MR	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11884	11/11/21 07:14	KL	XEN MID
Total/NA	Prep	5035			4.96 g	5 mL	12000	11/11/21 09:53	KL	XEN MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	12003	11/11/21 23:57	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12040	11/11/21 14:14	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:00	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	11949	11/10/21 13:55	DM	XEN MID
Total/NA	Analysis	8015B NM		5			11994	11/12/21 04:24	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	12130	11/12/21 12:30	CH	XEN MID
Soluble	Analysis	300.0		1			12201	11/14/21 00:10	CH	XEN MID

Client Sample ID: P26

Lab Sample ID: 890-1549-15

Date Collected: 11/08/21 12:28

Matrix: Solid

Date Received: 11/08/21 16:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	12117	11/12/21 10:30	MR	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	12115	11/12/21 16:33	KL	XEN MID
Total/NA	Prep	5035			5.02 g	5 mL	11799	11/10/21 08:45	MR	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11884	11/11/21 07:35	KL	XEN MID
Total/NA	Prep	5035			5.03 g	5 mL	12000	11/11/21 09:53	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12003	11/12/21 00:17	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12040	11/11/21 14:14	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:00	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	11949	11/10/21 13:55	DM	XEN MID
Total/NA	Analysis	8015B NM		5			11994	11/12/21 04:47	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	12130	11/12/21 12:30	CH	XEN MID
Soluble	Analysis	300.0		1			12201	11/14/21 00:15	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: P27

Lab Sample ID: 890-1549-16

Date Collected: 11/08/21 12:32

Matrix: Solid

Date Received: 11/08/21 16:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	12117	11/12/21 10:30	MR	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	12115	11/12/21 16:54	KL	XEN MID
Total/NA	Prep	5035			5.01 g	5 mL	11799	11/10/21 08:46	MR	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11884	11/11/21 07:55	KL	XEN MID
Total/NA	Prep	5035			5.02 g	5 mL	12000	11/11/21 09:53	KL	XEN MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	12003	11/12/21 00:38	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12040	11/11/21 14:14	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:00	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	11949	11/10/21 13:55	DM	XEN MID
Total/NA	Analysis	8015B NM		10			11994	11/12/21 05:22	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	12130	11/12/21 12:30	CH	XEN MID
Soluble	Analysis	300.0		1			12201	11/14/21 00:20	CH	XEN MID

Client Sample ID: P28

Lab Sample ID: 890-1549-17

Date Collected: 11/08/21 12:37

Matrix: Solid

Date Received: 11/08/21 16:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	12117	11/12/21 10:30	MR	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	12115	11/12/21 17:14	KL	XEN MID
Total/NA	Prep	5035			5.03 g	5 mL	11799	11/10/21 08:45	MR	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11884	11/11/21 08:15	KL	XEN MID
Total/NA	Prep	5035			5.02 g	5 mL	12000	11/11/21 09:53	KL	XEN MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	12003	11/12/21 00:58	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12040	11/11/21 14:14	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:00	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	11949	11/10/21 13:55	DM	XEN MID
Total/NA	Analysis	8015B NM		10			11994	11/12/21 05:54	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	12130	11/12/21 12:30	CH	XEN MID
Soluble	Analysis	300.0		1			12201	11/14/21 00:25	CH	XEN MID

Client Sample ID: P29

Lab Sample ID: 890-1549-18

Date Collected: 11/08/21 12:27

Matrix: Solid

Date Received: 11/08/21 16:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	12117	11/12/21 10:30	MR	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	12115	11/12/21 17:34	KL	XEN MID
Total/NA	Prep	5035			4.99 g	5 mL	11799	11/10/21 08:45	MR	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11884	11/11/21 08:36	KL	XEN MID
Total/NA	Prep	5035			5.04 g	5 mL	12000	11/11/21 09:53	KL	XEN MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	12003	11/12/21 01:19	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12040	11/11/21 14:14	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:00	AJ	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: P29

Lab Sample ID: 890-1549-18

Date Collected: 11/08/21 12:27

Matrix: Solid

Date Received: 11/08/21 16:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	11949	11/10/21 13:55	DM	XEN MID
Total/NA	Analysis	8015B NM		10			11994	11/12/21 06:19	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	12130	11/12/21 12:30	CH	XEN MID
Soluble	Analysis	300.0		1			12201	11/14/21 00:30	CH	XEN MID

Client Sample ID: P30

Lab Sample ID: 890-1549-19

Date Collected: 11/08/21 13:30

Matrix: Solid

Date Received: 11/08/21 16:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	11799	11/10/21 08:45	MR	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11884	11/11/21 08:56	KL	XEN MID
Total/NA	Prep	5035			5.01 g	5 mL	12000	11/11/21 09:53	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12003	11/12/21 01:39	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12040	11/11/21 14:14	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:00	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	11949	11/10/21 13:55	DM	XEN MID
Total/NA	Analysis	8015B NM		5			11994	11/12/21 06:47	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	12130	11/12/21 12:30	CH	XEN MID
Soluble	Analysis	300.0		1			12201	11/14/21 00:35	CH	XEN MID

Client Sample ID: P31

Lab Sample ID: 890-1549-20

Date Collected: 11/08/21 13:34

Matrix: Solid

Date Received: 11/08/21 16:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	11799	11/10/21 08:45	MR	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11884	11/11/21 09:17	KL	XEN MID
Total/NA	Prep	5035			5.05 g	5 mL	12000	11/11/21 09:53	KL	XEN MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	12003	11/12/21 02:00	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12040	11/11/21 14:14	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:00	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	11949	11/10/21 13:55	DM	XEN MID
Total/NA	Analysis	8015B NM		5			11994	11/12/21 07:11	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	12130	11/12/21 12:30	CH	XEN MID
Soluble	Analysis	300.0		1			12201	11/14/21 00:40	CH	XEN MID

Client Sample ID: P65

Lab Sample ID: 890-1549-21

Date Collected: 11/08/21 13:45

Matrix: Solid

Date Received: 11/08/21 16:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	11791	11/10/21 08:24	KL	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	11902	11/10/21 16:52	KL	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: P65

Lab Sample ID: 890-1549-21

Date Collected: 11/08/21 13:45

Matrix: Solid

Date Received: 11/08/21 16:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	11996	11/11/21 08:57	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	11997	11/11/21 18:24	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12040	11/11/21 14:14	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:00	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	11999	11/11/21 09:47	DM	XEN MID
Total/NA	Analysis	8015B NM		10			11986	11/11/21 23:29	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	12131	11/12/21 12:34	CH	XEN MID
Soluble	Analysis	300.0		1			12202	11/14/21 04:11	CH	XEN MID

Client Sample ID: P64

Lab Sample ID: 890-1549-22

Date Collected: 11/08/21 13:49

Matrix: Solid

Date Received: 11/08/21 16:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	11791	11/10/21 08:24	KL	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	11902	11/10/21 17:13	KL	XEN MID
Total/NA	Prep	5035			4.99 g	5 mL	11996	11/11/21 08:57	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	11997	11/11/21 18:44	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12040	11/11/21 14:14	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:00	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	11999	11/11/21 09:47	DM	XEN MID
Total/NA	Analysis	8015B NM		10			11986	11/12/21 00:12	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	12131	11/12/21 12:34	CH	XEN MID
Soluble	Analysis	300.0		1			12202	11/14/21 04:26	CH	XEN MID

Client Sample ID: P63

Lab Sample ID: 890-1549-23

Date Collected: 11/08/21 13:53

Matrix: Solid

Date Received: 11/08/21 16:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	11791	11/10/21 08:24	KL	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	11902	11/10/21 17:34	KL	XEN MID
Total/NA	Prep	5035			4.96 g	5 mL	11996	11/11/21 08:57	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	11997	11/11/21 19:04	MR	XEN MID
Total/NA	Prep	5035			5.01 g	5 mL	12117	11/12/21 10:30	MR	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	12115	11/12/21 18:36	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12040	11/11/21 14:14	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	11999	11/11/21 09:47	DM	XEN MID
Total/NA	Analysis	8015B NM		10			11986	11/12/21 00:34	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	12131	11/12/21 12:34	CH	XEN MID
Soluble	Analysis	300.0		1			12202	11/14/21 04:31	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: P62

Lab Sample ID: 890-1549-24

Date Collected: 11/08/21 13:57

Matrix: Solid

Date Received: 11/08/21 16:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	11791	11/10/21 08:24	KL	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	11902	11/10/21 17:55	KL	XEN MID
Total/NA	Prep	5035			5.01 g	5 mL	11996	11/11/21 08:57	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	11997	11/11/21 19:25	MR	XEN MID
Total/NA	Prep	5035			5.02 g	5 mL	12117	11/12/21 10:30	MR	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	12115	11/12/21 20:24	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12040	11/11/21 14:14	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	11999	11/11/21 09:47	DM	XEN MID
Total/NA	Analysis	8015B NM		10			11986	11/12/21 00:56	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	12131	11/12/21 12:34	CH	XEN MID
Soluble	Analysis	300.0		1			12202	11/14/21 04:36	CH	XEN MID

Client Sample ID: P61

Lab Sample ID: 890-1549-25

Date Collected: 11/08/21 14:02

Matrix: Solid

Date Received: 11/08/21 16:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	11791	11/10/21 08:24	KL	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	11902	11/10/21 18:16	KL	XEN MID
Total/NA	Prep	5035			4.98 g	5 mL	11996	11/11/21 08:57	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	11997	11/11/21 19:45	MR	XEN MID
Total/NA	Prep	5035			5.01 g	5 mL	12117	11/12/21 10:30	MR	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	12115	11/12/21 20:45	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12040	11/11/21 14:14	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	11999	11/11/21 09:47	DM	XEN MID
Total/NA	Analysis	8015B NM		10			11986	11/12/21 01:17	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	12131	11/12/21 12:34	CH	XEN MID
Soluble	Analysis	300.0		1			12202	11/14/21 04:41	CH	XEN MID

Client Sample ID: P60

Lab Sample ID: 890-1549-26

Date Collected: 11/08/21 14:06

Matrix: Solid

Date Received: 11/08/21 16:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	11791	11/10/21 08:24	KL	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	11902	11/10/21 18:36	KL	XEN MID
Total/NA	Prep	5035			4.99 g	5 mL	11996	11/11/21 08:57	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	11997	11/11/21 20:06	MR	XEN MID
Total/NA	Prep	5035			5.00 g	5 mL	12117	11/12/21 10:30	MR	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	12115	11/12/21 21:05	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12040	11/11/21 14:14	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: P60

Lab Sample ID: 890-1549-26

Date Collected: 11/08/21 14:06

Matrix: Solid

Date Received: 11/08/21 16:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	11999	11/11/21 09:47	DM	XEN MID
Total/NA	Analysis	8015B NM		10			11986	11/12/21 01:39	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	12131	11/12/21 12:34	CH	XEN MID
Soluble	Analysis	300.0		1			12202	11/14/21 12:12	CH	XEN MID

Client Sample ID: P59

Lab Sample ID: 890-1549-27

Date Collected: 11/08/21 14:10

Matrix: Solid

Date Received: 11/08/21 16:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	11791	11/10/21 08:24	KL	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	11902	11/10/21 18:57	KL	XEN MID
Total/NA	Prep	5035			4.98 g	5 mL	11996	11/11/21 08:57	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	11997	11/11/21 20:26	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12040	11/11/21 14:14	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	11999	11/11/21 09:47	DM	XEN MID
Total/NA	Analysis	8015B NM		5			11986	11/12/21 01:59	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	12131	11/12/21 12:34	CH	XEN MID
Soluble	Analysis	300.0		1			12202	11/14/21 12:17	CH	XEN MID

Client Sample ID: P58

Lab Sample ID: 890-1549-28

Date Collected: 11/08/21 14:28

Matrix: Solid

Date Received: 11/08/21 16:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	11791	11/10/21 08:24	KL	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	11902	11/10/21 20:21	KL	XEN MID
Total/NA	Prep	5035			5.00 g	5 mL	11996	11/11/21 08:57	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	11997	11/11/21 20:46	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12040	11/11/21 14:14	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	11999	11/11/21 09:47	DM	XEN MID
Total/NA	Analysis	8015B NM		5			11986	11/12/21 02:20	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	12131	11/12/21 12:34	CH	XEN MID
Soluble	Analysis	300.0		1			12202	11/14/21 12:22	CH	XEN MID

Client Sample ID: P57

Lab Sample ID: 890-1549-29

Date Collected: 11/08/21 14:32

Matrix: Solid

Date Received: 11/08/21 16:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	11791	11/10/21 08:24	KL	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	11902	11/10/21 20:42	KL	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: P57

Lab Sample ID: 890-1549-29

Date Collected: 11/08/21 14:32

Matrix: Solid

Date Received: 11/08/21 16:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	11996	11/11/21 08:57	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	11997	11/11/21 21:07	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12040	11/11/21 14:14	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	11999	11/11/21 09:47	DM	XEN MID
Total/NA	Analysis	8015B NM		5			11986	11/12/21 02:42	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	12131	11/12/21 12:34	CH	XEN MID
Soluble	Analysis	300.0		1			12202	11/14/21 12:26	CH	XEN MID

Client Sample ID: P56

Lab Sample ID: 890-1549-30

Date Collected: 11/08/21 14:40

Matrix: Solid

Date Received: 11/08/21 16:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	11791	11/10/21 08:24	KL	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	11902	11/10/21 21:02	KL	XEN MID
Total/NA	Prep	5035			5.01 g	5 mg	11996	11/11/21 08:57	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	11997	11/11/21 21:27	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12040	11/11/21 14:14	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	11999	11/11/21 09:47	DM	XEN MID
Total/NA	Analysis	8015B NM		5			11986	11/12/21 03:03	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	12131	11/12/21 12:34	CH	XEN MID
Soluble	Analysis	300.0		1			12202	11/14/21 12:31	CH	XEN MID

Client Sample ID: P55

Lab Sample ID: 890-1549-31

Date Collected: 11/08/21 14:52

Matrix: Solid

Date Received: 11/08/21 16:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	11791	11/10/21 08:24	KL	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	11902	11/10/21 21:23	KL	XEN MID
Total/NA	Prep	5035			5.03 g	5 mL	11849	11/10/21 11:30	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	11997	11/12/21 05:57	MR	XEN MID
Total/NA	Prep	5035			5.04 g	5 mL	12117	11/12/21 10:30	MR	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	12115	11/12/21 22:27	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12040	11/11/21 14:14	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	11920	11/10/21 10:56	AM	XEN MID
Total/NA	Analysis	8015B NM		1			11986	11/11/21 16:00	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	12131	11/12/21 12:34	CH	XEN MID
Soluble	Analysis	300.0		1			12202	11/14/21 12:36	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: P54

Lab Sample ID: 890-1549-32

Date Collected: 11/08/21 14:57

Matrix: Solid

Date Received: 11/08/21 16:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	11791	11/10/21 08:24	KL	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	11902	11/10/21 21:44	KL	XEN MID
Total/NA	Prep	5035			4.99 g	5 mL	11849	11/10/21 11:30	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	11997	11/12/21 06:17	MR	XEN MID
Total/NA	Prep	5035			5.05 g	5 mL	12117	11/12/21 10:30	MR	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	12115	11/12/21 22:47	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12040	11/11/21 14:14	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	11920	11/10/21 10:56	AM	XEN MID
Total/NA	Analysis	8015B NM		1			11986	11/11/21 16:21	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	12131	11/12/21 12:34	CH	XEN MID
Soluble	Analysis	300.0		1			12202	11/14/21 12:51	CH	XEN MID

Client Sample ID: P53

Lab Sample ID: 890-1549-33

Date Collected: 11/08/21 15:03

Matrix: Solid

Date Received: 11/08/21 16:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	11791	11/10/21 08:24	KL	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	11902	11/10/21 22:04	KL	XEN MID
Total/NA	Prep	5035			4.96 g	5 mL	11849	11/10/21 11:30	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	11997	11/12/21 06:38	MR	XEN MID
Total/NA	Prep	5035			4.98 g	5 mL	12117	11/12/21 10:30	MR	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	12115	11/12/21 23:08	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12040	11/11/21 14:14	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	11920	11/10/21 10:56	AM	XEN MID
Total/NA	Analysis	8015B NM		1			11986	11/11/21 16:46	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	12131	11/12/21 12:34	CH	XEN MID
Soluble	Analysis	300.0		1			12202	11/14/21 12:56	CH	XEN MID

Client Sample ID: P52

Lab Sample ID: 890-1549-34

Date Collected: 11/08/21 15:07

Matrix: Solid

Date Received: 11/08/21 16:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	11791	11/10/21 08:24	KL	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	11902	11/10/21 22:26	KL	XEN MID
Total/NA	Prep	5035			5.02 g	5 mL	11849	11/10/21 11:30	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	11997	11/12/21 06:58	MR	XEN MID
Total/NA	Prep	5035			4.96 g	5 mL	12117	11/12/21 10:30	MR	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	12115	11/12/21 23:28	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12040	11/11/21 14:14	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: P52

Lab Sample ID: 890-1549-34

Date Collected: 11/08/21 15:07

Matrix: Solid

Date Received: 11/08/21 16:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	11920	11/10/21 10:56	AM	XEN MID
Total/NA	Analysis	8015B NM		1			11986	11/11/21 17:07	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	12131	11/12/21 12:34	CH	XEN MID
Soluble	Analysis	300.0		1			12202	11/14/21 13:11	CH	XEN MID

Client Sample ID: P51

Lab Sample ID: 890-1549-35

Date Collected: 11/08/21 15:11

Matrix: Solid

Date Received: 11/08/21 16:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	11791	11/10/21 08:24	KL	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	11902	11/10/21 22:46	KL	XEN MID
Total/NA	Prep	5035			5.00 g	5 mL	11849	11/10/21 11:30	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	11997	11/12/21 07:18	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12040	11/11/21 14:14	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	11920	11/10/21 10:56	AM	XEN MID
Total/NA	Analysis	8015B NM		1			11986	11/11/21 17:27	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	12131	11/12/21 12:34	CH	XEN MID
Soluble	Analysis	300.0		1			12202	11/14/21 13:16	CH	XEN MID

Client Sample ID: P50

Lab Sample ID: 890-1549-36

Date Collected: 11/08/21 15:14

Matrix: Solid

Date Received: 11/08/21 16:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	11791	11/10/21 08:24	KL	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	11902	11/10/21 23:07	KL	XEN MID
Total/NA	Prep	5035			5.05 g	5 mL	11849	11/10/21 11:30	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	11997	11/12/21 07:39	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12040	11/11/21 14:14	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	11949	11/10/21 13:55	DM	XEN MID
Total/NA	Analysis	8015B NM		1			11994	11/11/21 21:47	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	12131	11/12/21 12:34	CH	XEN MID
Soluble	Analysis	300.0		1			12202	11/14/21 13:20	CH	XEN MID

Client Sample ID: P49

Lab Sample ID: 890-1549-37

Date Collected: 11/08/21 15:19

Matrix: Solid

Date Received: 11/08/21 16:32

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	11791	11/10/21 08:24	KL	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	11902	11/11/21 08:15	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12040	11/11/21 14:14	AJ	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Client Sample ID: P49
Date Collected: 11/08/21 15:19
Date Received: 11/08/21 16:32

Lab Sample ID: 890-1549-37
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	11920	11/10/21 10:56	AM	XEN MID
Total/NA	Analysis	8015B NM		1			11986	11/11/21 17:48	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	12131	11/12/21 12:34	CH	XEN MID
Soluble	Analysis	300.0		1			12202	11/14/21 13:25	CH	XEN MID

Laboratory References:
XEN MID = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Accreditation/Certification Summary

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Laboratory: Eurofins Xenco, Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

XEN MID = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Resolute Compliance LLC
Project/Site: Blue Stem

Job ID: 890-1549-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-1549-1	P12	Solid	11/08/21 11:17	11/08/21 16:32	3
890-1549-2	P13	Solid	11/08/21 11:20	11/08/21 16:32	3
890-1549-3	P14	Solid	11/08/21 11:23	11/08/21 16:32	3
890-1549-4	P15	Solid	11/08/21 11:27	11/08/21 16:32	3
890-1549-5	P16	Solid	11/08/21 11:30	11/08/21 16:32	3
890-1549-6	P17	Solid	11/08/21 11:37	11/08/21 16:32	3
890-1549-7	P18	Solid	11/08/21 11:38	11/08/21 16:32	3
890-1549-8	P19	Solid	11/08/21 11:43	11/08/21 16:32	3
890-1549-9	SP#1	Solid	11/08/21 11:48	11/08/21 16:32	3
890-1549-10	SP#2	Solid	11/08/21 11:52	11/08/21 16:32	3
890-1549-11	SP#3	Solid	11/08/21 11:58	11/08/21 16:32	3
890-1549-12	P23	Solid	11/08/21 12:04	11/08/21 16:32	3
890-1549-13	P24	Solid	11/08/21 12:10	11/08/21 16:32	3
890-1549-14	P25	Solid	11/08/21 12:16	11/08/21 16:32	3
890-1549-15	P26	Solid	11/08/21 12:28	11/08/21 16:32	3
890-1549-16	P27	Solid	11/08/21 12:32	11/08/21 16:32	3
890-1549-17	P28	Solid	11/08/21 12:37	11/08/21 16:32	3
890-1549-18	P29	Solid	11/08/21 12:27	11/08/21 16:32	3
890-1549-19	P30	Solid	11/08/21 13:30	11/08/21 16:32	3
890-1549-20	P31	Solid	11/08/21 13:34	11/08/21 16:32	3
890-1549-21	P65	Solid	11/08/21 13:45	11/08/21 16:32	3
890-1549-22	P64	Solid	11/08/21 13:49	11/08/21 16:32	3
890-1549-23	P63	Solid	11/08/21 13:53	11/08/21 16:32	3
890-1549-24	P62	Solid	11/08/21 13:57	11/08/21 16:32	3
890-1549-25	P61	Solid	11/08/21 14:02	11/08/21 16:32	3
890-1549-26	P60	Solid	11/08/21 14:06	11/08/21 16:32	3
890-1549-27	P59	Solid	11/08/21 14:10	11/08/21 16:32	3
890-1549-28	P58	Solid	11/08/21 14:28	11/08/21 16:32	3
890-1549-29	P57	Solid	11/08/21 14:32	11/08/21 16:32	3
890-1549-30	P56	Solid	11/08/21 14:40	11/08/21 16:32	3
890-1549-31	P55	Solid	11/08/21 14:52	11/08/21 16:32	3
890-1549-32	P54	Solid	11/08/21 14:57	11/08/21 16:32	3
890-1549-33	P53	Solid	11/08/21 15:03	11/08/21 16:32	3
890-1549-34	P52	Solid	11/08/21 15:07	11/08/21 16:32	3
890-1549-35	P51	Solid	11/08/21 15:11	11/08/21 16:32	3
890-1549-36	P50	Solid	11/08/21 15:14	11/08/21 16:32	3
890-1549-37	P49	Solid	11/08/21 15:19	11/08/21 16:32	3



Environment Testing
Xenco

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Chain of Custody

Work Order No: 21-9007

www.xenco.com Page 1 of 4

Project Manager:	JAMES MARASCHE	Bill to: (if different)	
Company Name:	Resolute Compliance	Company Name:	
Address:	115 FM 2453 Suite A	Address:	
City, State ZIP:	ROOSE CITY TX 75189	City, State ZIP:	
Phone:	(972) 842.4304	Email:	SVB@resolutecompliance.com

Work Order Comments	
Program: UST/PST	☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:	
Reporting: Level II	☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD	☐ ADAPT ☐ Other:

Project Name:	Blue Stem	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number:		☐ Routine ☒ Rush														None: NO	DI Water: H ₂ O	
Project Location:		Due Date: 3 Day														Cool: Cool	MeOH: Me	
Sampler's Name:		TAT starts the day received the lab, if received by 4:30pm														HCL: HC	HNO ₃ : HN	
PO #:																H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT	Temp Blank:	☒ Yes ☐ No	Wet Ice:	☒ Yes ☐ No													H ₃ PO ₄ : HP	
Samples Received Intact:	☒ Yes ☐ No	Thermometer ID:	TMW-0007														NaHSO ₄ : NABIS	
Cooler Custody Seals:	☒ Yes ☐ No	Correction Factor:	-0.2														Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	☒ Yes ☐ No	Temperature Reading:	1.6														Zn Acetate+NaOH: Zn	
Total Containers:		Corrected Temperature:	1.4														NaOH+Ascorbic Acid: SAPC	

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters												Sample Comments											
P12	Soil	11-8-21	11:17	3"	Comp	1	BTEX																							
P13			11:20				TPH																							
P14			11:23				Chlorides																							
P15			11:27																											
P16			11:30																											
P17			11:31																											
P18			11:38																											
P19			11:48																											
SP#1			11:48																											

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed: TCIEP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time



Environment Testing
Xenco

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 302-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No:

21-9007

www.xenco.com

Page 2 of 4

Project Manager:	James Vanasse	Bill to: (if different)	
Company Name:	Resolute Compliance	Company Name:	
Address:	115 FM 2453 Suite A	Address:	
City, State ZIP:	Roscoe City TX 75189	City, State ZIP:	
Phone:	(972) 842-4304	Email:	JVA@ResoluteCompliance.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:	Blue Stem	Turn Around	Pres. Code	ANALYSIS REQUEST		Preservative Codes
Project Number:		☐ Routine ☐ Rush				None: NO DI Water: H ₂ O
Project Location:		Due Date:				Cool: Cool MeOH: Me
Sampler's Name:		TAT starts the day received by the lab, if received by 4:30pm				HCL: HC HNO ₃ : HN
PO #:						H ₂ SO ₄ : H ₂ NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No		H ₃ PO ₄ : HP
Samples Received Intact:	Yes No	Thermometer ID:				NaHSO ₄ : NABIS
Cooler Custody Seals:	Yes No N/A	Correction Factor:				Na ₂ S ₂ O ₃ : NaSO ₃
Sample Custody Seals:	Yes No N/A	Temperature Reading:				Zn Acetate+NaOH: Zn
Total Containers:		Corrected Temperature:				NaOH+Ascorbic Acid: SACP

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters	Sample Comments
SP#2	Soil	11-8-21	1158	3"	Comp	1	BTex	
SP#3							TPH	
P203			1204				Chlorides	
P214			1210					
P225			1216					
P236			1228					
P247			1238					
P258			1231					
P269			1217					
P2730			130					

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed: TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		11-8-21 1633			



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: 21-9007

www.xenco.com Page 2 of 2

Project Manager:	James VanAssche	Bill to: (if different)	
Company Name:	Resolute Compliance	Company Name:	
Address:	115 FM 2453 Suite A	Address:	
City, State ZIP:	Rayse City TX 75189	City, State ZIP:	
Phone:	(972) 842-4334	Email:	JVD@resolutecompliance.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADAPT ☐ Other: _____

Project Name:		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes					
Project Number:	Project Location:	☐ Routine	☐ Rush		Due Date:	TAT starts the day received by the lab, if received by 4:30pm			Parameters									None: NO	DI Water: H ₂ O			
Sample's Name:	PO #:	Temp Blank:	Yes	No	Thermometer ID:	Correction Factor:	Temperature Reading:	Corrected Temperature:													Cool: Cool	MeOH: Me
SAMPLE RECEIPT		Yes	No	Yes	No	Wet Ice:	Yes	No													HCL: HC	HNO ₃ : HN
Samples Received Intact:	Yes	No	Yes	No	Thermometer ID:	Correction Factor:	Temperature Reading:	Corrected Temperature:													H ₂ SO ₄ : H ₂	NaOH: Na
Cooler Custody Seals:	Yes	No	N/A	Temperature Reading:	Corrected Temperature:													H ₃ PO ₄ : HP				
Sample Custody Seals:	Yes	No	N/A	Temperature Reading:	Corrected Temperature:													NaHSO ₄ : NABIS				
Total Containers:	Yes	No	N/A	Temperature Reading:	Corrected Temperature:													Na ₂ S ₂ O ₃ : NaSO ₃				
																		Zn Acetate+NaOH: Zn				
																		NaOH+Ascorbic Acid: SAPC				
Sample Identification		Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont													Sample Comments		
P31	Soil	11-8-21	1:34pm	3"	Comp	1	BTEX TPH Chlorides															
P65			145pm																			
P64			149pm																			
P63			1:53pm																			
P62			1:51pm																			
P61			2:03 PM																			
P60			2:16 PM																			
P59			2:10 PM																			
P58			2:26 PM																			
P57			2:32 PM																			

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$65.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		11.9.21. 1633			

Revised Date: 08/25/2020 Rev: 2020



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: 21-9007

www.xenco.com Page ____ of ____

Project Manager:	James Narasche	Bill to: (if different)	
Company Name:	Resolute Compliance	Company Name:	
Address:	115 fm 7453 Suite A	Address:	
City, State ZIP:	Roysse City TX 75189	City, State ZIP:	
Phone:	972 842-4304	Email:	JN2@resolutecomp1ice.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:				LM Bluestem				Turn Around								ANALYSIS REQUEST				Preservative Codes							
Project Number:								☐ Routine ☐ Rush								None, NO				DI Water, H ₂ O							
Project Location:								Due Date:								Cool: Cool				MeOH: Me							
Sampler's Name:								TAT starts the day received by the lab, if received by 4:30pm								HCL: HC				HNO ₃ : HN							
PO #:																H ₂ SO ₄ : H ₂				NaOH: Na							
SAMPLE RECEIPT				Temp Blank:				Yes No				Wet Ice:				Yes No				H ₃ PO ₄ : HP							
Samples Received Intact				Yes No				Thermometer ID:								NaHSO ₄ : NABIS											
Cooler Custody Seals:				Yes No N/A				Correction Factor:								Na ₂ S ₂ O ₃ : NaSO ₃											
Sample Custody Seals:				Yes No N/A				Temperature Reading:								Zn Acetate+NaOH: Zn											
Total Containers:								Corrected Temperature:								NaOH+Ascorbic Acid: SASC											

[illegible]

Circle Method(s) and Metals(s) to be analyzed	200.7 / 6010	200.8 / 6020:
	8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zr	
	TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag H U	Hg: 163.1 / 245.1 / 74.0 / 74.1

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xeno, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xeno will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xeno. A minimum charge of \$35.00 will be applied to each project and a charge of \$3 for each sample submitted to Eurofins Xeno, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		11-9-21 1633			

Printed Date: 08/25/2020 Rev. 2020

Eurofins Xenco, Carlsbad

Chain of Custody Record



Environment Testing America

1089 N Canal St.
Carlsbad NM 88220
Phone 575-988-3199 Fax 575-988-3199

Client Information (Sub Contract Lab)				Sampler	Lab PM	Carrier Tracking No(s)	COC No									
Client Contact:				Kramer Jessica	Jessica kramer@eurofinsel.com	State of Origin New Mexico	Page 1 of 5									
Shipping/Receiving				E-Mail	Accreditations Required (See note) NELAP - Texas		Job #: 890-1549-1									
Company: Eurofins Xenco																
Address: 1211 W Florida Ave,				Due Date Requested 11/12/2021												
City: Midland				TAT Requested (days):												
State Zip TX 79701																
Phone: 432-704-5440(Tel)				PO #:												
Email: 432-704-5440(Tel)				WO #:												
Project Name Blue Stream				Project # 88000117												
Site:				SSOW#												
Sample Identification - Client ID (Lab ID)				Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=oils/sludg, B=bio-tissue, A=AQ)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Analysis Requested				Total Number of containers	Special Instructions/Note	
P12 (890-1549-1)		11/8/21	Mountain	11 17		Solid	X	X	X	X					1	
P13 (890-1549-2)		11/8/21	Mountain	11 20		Solid	X	X	X	X					1	
P14 (890-1549-3)		11/8/21	Mountain	11 23		Solid	X	X	X	X					1	
P15 (890-1549-4)		11/8/21	Mountain	11 27		Solid	X	X	X	X					1	
P16 (890-1549-5)		11/8/21	Mountain	11 30		Solid	X	X	X	X					1	
P17 (890-1549-6)		11/8/21	Mountain	11 37		Solid	X	X	X	X					1	
P18 (890-1549-7)		11/8/21	Mountain	11 38		Solid	X	X	X	X					1	
P19 (890-1549-8)		11/8/21	Mountain	11 43		Solid	X	X	X	X					1	
SP#1 (890-1549-9)		11/8/21	Mountain	11 48		Solid	X	X	X	X					1	

Note: Since laboratory accreditations are subject to change Eurofins Xenco LLC places the ownership of method analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately. If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Xenco LLC.

Possible Hazard Identification

Unconfirmed

Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank 2

Empty Kit Relinquished by _____ Date _____ Time _____ Method of Shipment: _____ Months _____

Relinquished by _____ Date/Time _____ Company _____ Received by _____ Date/Time _____ Company _____

Relinquished by _____ Date/Time _____ Company _____ Received by _____ Date/Time _____ Company _____

Custody Seals Intact: _____ Custody Seal No _____ Cooler Temperature(s) °C and Other Remarks: _____

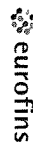
Δ Yes Δ No

3.8/3.9

Eurofins Xenco, Carlsbad

1089 N Canal St.
Carlsbad NM 88220
Phone. 575-988-3199 Fax 575-988-3199

Chain of Custody Record



Environment Testing America

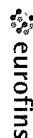
Client Information (Sub Contract Lab)						Sampler	Lab PM	Carrier Tracking Note(s)	COC No.
Shipping/Receiving						Phone	Kramer Jessica		890-500 2
Company Eurofins Xenco						E-Mail jessica.kramer@eurofinsnet.com	State of Origin New Mexico		Page: Page 2 of 5
Address: 1211 W. Florida Ave						Accreditations Required (See note): NELAP - Texas		Job # 890-1549-1	
City: Midland									
State Zip TX 79701									
Phone 432-704-5440(Tel)									
Email W/O #									
Project Name Blue Stream									
SSOV#									
Due Date Requested 11/12/2021									
TAT Requested (days):									
Analysis Requested									
Field Filtered Sample (Yes or No)									
Perform MS/MSD (Yes or No)									
8015MOD_NM/8015NM_S_Prep Full TPH									
8021B/6035FP_Calc BTEX									
8015MOD_Calc									
Total_BTEX_GCV									
Total Number of containers									
Special Instructions/Note:									
Preservation Codes									
A HCL M Hexane									
B NaOH N None									
C Zn Acetate O AsNaO2									
D Nitric Acid P Na2CO3									
E NaHSO4 R Na2SO3									
F MeOH S H2SO4									
G Amchlor T TSP Dodecylglyrate									
H Ascorbic Acid U Acetone									
I Ice V MCAA W pH 4-5									
J DI Water K EDTA Z other (specify)									
L EDA									
Other:									

Eurofins Xenco, Carlsbad

1089 N Canal St
Carlsbad NM 88220

Phone 575-988-3199 Fax 575-988-3199

Chain of Custody Record



Environment Testing America

Client Information (Sub Contract Lab)				Sampler	Lab PM	Carrier Tracking No(s)	COC No						
Client Contact		Shipping/Receiving		Phone:	Kramer Jessica		890-500 3						
Company		Eurofins Xenco		E-Mail	Jessica.kramer@eurofinsel.com	State of Origin							
Address		1211 W Florida Ave		Accreditations Required (See note):		NEAP - Texas							
City		TAT Requested (days)		Analysis Requested									
Midland													
TX, 79701													
Phone		PO #											
432-704-5440(Tel)		WO #											
Email		Project #											
Blue Stream		88000117											
Site		SSCW#											
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=C-comp, G=grab)	Matrix (W=water, S=solid, O=oil, BT=Trisec, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_Prep Full TPH	8021B/6035FP_Calc BTEX	8015MOD_Calc	Total_BTEX_GCV	Total Number of containers	Special Instructions/Note
P30 (890-1549-19)		11/8/21	13 30	Mountain	Solid	X	X	X	X			1	
P31 (890-1549-20)		11/8/21	13 34	Mountain	Solid	X	X	X	X			1	
P65 (890-1549-21)		11/8/21	13 45	Mountain	Solid	X	X	X	X			1	
P64 (890-1549-22)		11/8/21	13 49	Mountain	Solid	X	X	X	X			1	
P63 (890-1549-23)		11/8/21	13 53	Mountain	Solid	X	X	X	X			1	
P62 (890-1549-24)		11/8/21	13 57	Mountain	Solid	X	X	X	X			1	
P61 (890-1549-25)		11/8/21	14 02	Mountain	Solid	X	X	X	X			1	
P60 (890-1549-26)		11/8/21	14 06	Mountain	Solid	X	X	X	X			1	
P59 (890-1549-27)		11/8/21	14 10	Mountain	Solid	X	X	X	X			1	
Note: Since laboratory accreditations are subject to change Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/testing/maintaining being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Xenco LLC.													
Possible Hazard Identification				Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)									
Unconfirmed				☐ Return To Client ☐ Disposal By Lab ☐ Archive For Months									
Deliverable Requested I II III IV Other (specify)				Special Instructions/QC Requirements									
Empty Kit Relinquished by				Method of Shipment									
Relinquished by		Date/Time		Company		Received by		Date/Time		Company			
Relinquished by		Date/Time		Company		Received by		Date/Time		Company			
Relinquished by		Date/Time		Company		Received by		Date/Time		Company			
Custody Seals Intact		Custody Seal No		Cooler Temperature(s) °C and Other Remarks									
Δ Yes Δ No													

1
2
3
4
5
6
7
8
9
10
11
12
13
14

Eurofins Xenco, Carlsbad

1089 N Canal St.
Carlsbad NM 88220

Phone 575-988-3199 Fax 575-988-3199

Chain of Custody Record

Environment Testing
America

Client Information (Sub Contract Lab)		Sampler	Lab PM	Carrier Tracking No(s)	COC No
Client Contact:	Phone:	Kramer Jessica			890-500 4
Shipping/Receiving	E-Mail:	jessica.kramer@eurofins.com	State of Origin:		Page 4 of 5
Company:	Accreditations Required (See note)	NEIAP - Texas			
Eurofins Xenco	Due Date Requested	11/12/2021	Analysis Requested		Job #: 890-1549-1
Address	TAT Requested (days)				Preservation Codes
1211 W. Florida Ave					A. HCL B. NaOH C. Zn Acetate D. Nitric Acid E. NaHSO4 F. MeOH G. Anchor H. Ascorbic Acid I. Ice J. DI Water K. EDTA L. EDA M. Hexane N. None O. AsnAO2 P. Na2OAS Q. Na2SO3 R. Na2S2O3 S. H2SO4 T. TSP Dodecylaldrate U. Acetone V. MCAA W. pH 4.5 Z. other (specify)
City					Other:
Midland					
State Zip					
TX 79701					
Phone	PO #				
432-704-5440(Tel)	WO #				
Email	Project #				
	88000117				
Project Name	SSOW#				
Blue Stream					
Site					
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (G=comp, BT=Tissue, AA=AI)	Matrix (W=water, S=solid, O=wastefoil)
P58 (890-1549-28)	11/8/21	14 28	Mountain	Solid	
P57 (890-1549-29)	11/8/21	14 32	Mountain	Solid	
P56 (890-1549-30)	11/8/21	14 40	Mountain	Solid	
P55 (890-1549-31)	11/8/21	14 52	Mountain	Solid	
P54 (890-1549-32)	11/8/21	14 57	Mountain	Solid	
P53 (890-1549-33)	11/8/21	15 03	Mountain	Solid	
P52 (890-1549-34)	11/8/21	15 07	Mountain	Solid	
P51 (890-1549-35)	11/8/21	15 11	Mountain	Solid	
P50 (890-1549-36)	11/8/21	15 14	Mountain	Solid	
Note: Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/method being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Xenco LLC.					
Possible Hazard Identification					
☐ Unconfirmed ☐ Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank 2					
☐ Empty Kit Relinquished by _____ Date _____ Time _____ ☐ Relinquished by <u>Joe Culp 11/9/21</u> Date/Time _____ Company _____ ☐ Relinquished by _____ Date/Time _____ Company _____ ☐ Relinquished by _____ Date/Time _____ Company _____					
☐ Custody Seals Intact ☐ Custody Seal No ☐ Cooler Temperature(s) °C and Other Remarks:					
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months Special Instructions/QC Requirements					
Special Instructions/Note:					

Chain of Custody Record



Environment Testing America

1089 N Canal St.
Carlsbad NM 88220
Phone 575-988-3199 Fax 575-988-3199

[illegible]

Login Sample Receipt Checklist

Client: Resolute Compliance LLC

Job Number: 890-1549-1

Login Number: 1549

List Source: Eurofins Xenco, Carlsbad

List Number: 1

Creator: Clifton, Cloe

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: Resolute Compliance LLC

Job Number: 890-1549-1

Login Number: 1549

List Source: Eurofins Xenco, Midland

List Number: 2

List Creation: 11/10/21 11:22 AM

Creator: Kramer, Jessica

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.8/3.9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing America

ANALYTICAL REPORT

Eurofins Xenco, Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Tel: (575)988-3199

Laboratory Job ID: 890-1553-1
Laboratory Sample Delivery Group: 21-9007
Client Project/Site: IM Bluestem Oil

For:
Resolute Compliance LLC
115 FM 2453
Suite A
Royse City, Texas 75189

Attn: James Vanassche

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:
11/17/2021 12:13:59 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Laboratory Job ID: 890-1553-1
SDG: 21-9007

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	5
Client Sample Results	7
Surrogate Summary	56
QC Sample Results	61
QC Association Summary	87
Lab Chronicle	104
Certification Summary	124
Method Summary	125
Sample Summary	126
Chain of Custody	128
Receipt Checklists	141

1
2
3
4
5
6
7
8
9
10
11
12
13
14

Definitions/Glossary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Qualifiers

GC VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD RPD exceeds control limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)

Eurofins Xenco, Carlsbad

Definitions/Glossary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

1
2
3
4
5
6
7
8
9
10
11
12
13
14

Case Narrative

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Job ID: 890-1553-1

Laboratory: Eurofins Xenco, Carlsbad

Narrative

Job Narrative
890-1553-1

Receipt

The samples were received on 11/9/2021 3:54 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.2°C

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: P199 (890-1553-2), P198 (890-1553-3), P197 (890-1553-4), P196 (890-1553-5), P48 (890-1553-11), P47 (890-1553-12), P46 (890-1553-13), P43 (890-1553-16) and (MB 880-11824/5-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-11825 and analytical batch 880-11888 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: P36 (890-1553-23), P98 (890-1553-25), P96 (890-1553-27), P94 (890-1553-29), P93 (890-1553-30), P92 (890-1553-31), P91 (890-1553-32), P90 (890-1553-33), P89 (890-1553-34) and P88 (890-1553-35). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: P200 (890-1553-1), P199 (890-1553-2), P198 (890-1553-3), P197 (890-1553-4), P196 (890-1553-5), P195 (890-1553-6), P47 (890-1553-12) and P46 (890-1553-13). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: P99 (890-1553-24), P98 (890-1553-25), P97 (890-1553-26), P96 (890-1553-27), P95 (890-1553-28), P94 (890-1553-29) and P93 (890-1553-30). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-12122 and analytical batch 880-12115 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The RPD of the laboratory control sample (LCS) for preparation batch 880-12122 and analytical batch 880-12115 recovered outside control limits for the following analytes: m-Xylene & p-Xylene. Per the method, only the LCS or LCSD has to pass. LCSD was within limits; therefore data was accepted.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-12275 and analytical batch 880-12413 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: P87 (890-1553-36). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: P201 (890-1553-60). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-12001 and analytical batch 880-11986 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Case Narrative

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Job ID: 890-1553-1 (Continued)**Laboratory: Eurofins Xenco, Carlsbad (Continued)**

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: P200 (890-1553-1) and P37 (890-1553-22). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: P95 (890-1553-28), P94 (890-1553-29), P93 (890-1553-30), P92 (890-1553-31), P91 (890-1553-32), P90 (890-1553-33), P89 (890-1553-34), P88 (890-1553-35), P133 (890-1553-37) and P132 (890-1553-38). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: P130 (890-1553-40). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: P195 (890-1553-6), P48 (890-1553-11), P47 (890-1553-12) and P46 (890-1553-13). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-12126 and analytical batch 880-12197 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P200

Lab Sample ID: 890-1553-1

Date Collected: 11/09/21 14:15

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	79.7		1.00		mg/Kg		11/11/21 07:52	11/11/21 19:38	500
Toluene	34.2		1.00		mg/Kg		11/11/21 07:52	11/11/21 19:38	500
Ethylbenzene	69.2		1.00		mg/Kg		11/11/21 07:52	11/11/21 19:38	500
m-Xylene & p-Xylene	206		2.00		mg/Kg		11/11/21 07:52	11/11/21 19:38	500
o-Xylene	4.90		1.00		mg/Kg		11/11/21 07:52	11/11/21 19:38	500
Xylenes, Total	211		2.00		mg/Kg		11/11/21 07:52	11/11/21 19:38	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	11/11/21 07:52	11/11/21 19:38	500
1,4-Difluorobenzene (Surr)	41	S1-	70 - 130	11/11/21 07:52	11/11/21 19:38	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	394		2.00		mg/Kg			11/15/21 14:12	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	62800		498		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	29700		498		mg/Kg		11/11/21 09:47	11/12/21 03:24	10
Diesel Range Organics (Over C10-C28)	30500		498		mg/Kg		11/11/21 09:47	11/12/21 03:24	10
Oil Range Organics (Over C28-C36)	2640		498		mg/Kg		11/11/21 09:47	11/12/21 03:24	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	11/11/21 09:47	11/12/21 03:24	10
o-Terphenyl	133	S1+	70 - 130	11/11/21 09:47	11/12/21 03:24	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.1	F1 F2	4.98		mg/Kg			11/13/21 16:43	1

Client Sample ID: P199

Lab Sample ID: 890-1553-2

Date Collected: 11/09/21 14:20

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	26.8		0.199		mg/Kg		11/10/21 10:30	11/11/21 01:03	100
Toluene	98.2		0.996		mg/Kg		11/11/21 07:52	11/11/21 20:06	500
Ethylbenzene	133		0.996		mg/Kg		11/11/21 07:52	11/11/21 20:06	500
m-Xylene & p-Xylene	392		1.99		mg/Kg		11/11/21 07:52	11/11/21 20:06	500
o-Xylene	9.82		0.996		mg/Kg		11/11/21 07:52	11/11/21 20:06	500
Xylenes, Total	402		1.99		mg/Kg		11/11/21 07:52	11/11/21 20:06	500

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P199

Lab Sample ID: 890-1553-2

Date Collected: 11/09/21 14:20

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	11/10/21 10:30	11/11/21 01:03	100
1,4-Difluorobenzene (Surr)	47	S1-	70 - 130	11/10/21 10:30	11/11/21 01:03	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	660		1.99		mg/Kg			11/15/21 14:12	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	44100		499		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	19000		499		mg/Kg		11/10/21 14:24	11/11/21 23:17	10
Diesel Range Organics (Over C10-C28)	25100		499		mg/Kg		11/10/21 14:24	11/11/21 23:17	10
Oil Range Organics (Over C28-C36)	<499	U	499		mg/Kg		11/10/21 14:24	11/11/21 23:17	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130	11/10/21 14:24	11/11/21 23:17	10
o-Terphenyl	84		70 - 130	11/10/21 14:24	11/11/21 23:17	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	94.9		4.99		mg/Kg			11/13/21 16:58	1

Client Sample ID: P198

Lab Sample ID: 890-1553-3

Date Collected: 11/09/21 14:25

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	22.2		0.202		mg/Kg		11/10/21 10:30	11/11/21 01:23	100
Toluene	52.5		0.996		mg/Kg		11/11/21 07:52	11/11/21 20:33	500
Ethylbenzene	39.6		0.202		mg/Kg		11/10/21 10:30	11/11/21 01:23	100
m-Xylene & p-Xylene	229		1.99		mg/Kg		11/11/21 07:52	11/11/21 20:33	500
o-Xylene	30.8		0.202		mg/Kg		11/10/21 10:30	11/11/21 01:23	100
Xylenes, Total	239		1.99		mg/Kg		11/11/21 07:52	11/11/21 20:33	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	75		70 - 130	11/10/21 10:30	11/11/21 01:23	100
1,4-Difluorobenzene (Surr)	44	S1-	70 - 130	11/10/21 10:30	11/11/21 01:23	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	374		1.99		mg/Kg			11/15/21 14:12	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	42300		498		mg/Kg			11/11/21 15:24	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P198

Lab Sample ID: 890-1553-3

Date Collected: 11/09/21 14:25

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	16900		498		mg/Kg		11/10/21 14:24	11/11/21 23:43	10
Diesel Range Organics (Over C10-C28)	25400		498		mg/Kg		11/10/21 14:24	11/11/21 23:43	10
Oil Range Organics (Over C28-C36)	<498	U	498		mg/Kg		11/10/21 14:24	11/11/21 23:43	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				11/10/21 14:24	11/11/21 23:43	10
o-Terphenyl	109		70 - 130				11/10/21 14:24	11/11/21 23:43	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	91.5		4.98		mg/Kg			11/13/21 17:03	1

Client Sample ID: P197

Lab Sample ID: 890-1553-4

Date Collected: 11/09/21 14:30

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	161		1.01		mg/Kg		11/11/21 07:52	11/11/21 21:01	500
Toluene	115		1.01		mg/Kg		11/11/21 07:52	11/11/21 21:01	500
Ethylbenzene	145		1.01		mg/Kg		11/11/21 07:52	11/11/21 21:01	500
m-Xylene & p-Xylene	396		2.02		mg/Kg		11/11/21 07:52	11/11/21 21:01	500
o-Xylene	23.9		1.01		mg/Kg		11/11/21 07:52	11/11/21 21:01	500
Xylenes, Total	420		2.02		mg/Kg		11/11/21 07:52	11/11/21 21:01	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				11/10/21 10:30	11/11/21 01:43	100
1,4-Difluorobenzene (Surr)	58	S1-	70 - 130				11/10/21 10:30	11/11/21 01:43	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	841		2.02		mg/Kg			11/15/21 14:12	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	45500		500		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	20000		500		mg/Kg		11/10/21 14:24	11/12/21 00:09	10
Diesel Range Organics (Over C10-C28)	25500		500		mg/Kg		11/10/21 14:24	11/12/21 00:09	10
Oil Range Organics (Over C28-C36)	<500	U	500		mg/Kg		11/10/21 14:24	11/12/21 00:09	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				11/10/21 14:24	11/12/21 00:09	10
o-Terphenyl	71		70 - 130				11/10/21 14:24	11/12/21 00:09	10

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P197

Lab Sample ID: 890-1553-4

Date Collected: 11/09/21 14:30

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.2		4.95		mg/Kg			11/13/21 17:08	1

Client Sample ID: P196

Lab Sample ID: 890-1553-5

Date Collected: 11/09/21 14:35

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	138		1.00		mg/Kg		11/11/21 07:52	11/11/21 21:29	500
Toluene	1920		10.0		mg/Kg		11/15/21 08:00	11/15/21 17:23	5000
Ethylbenzene	139		1.00		mg/Kg		11/11/21 07:52	11/11/21 21:29	500
m-Xylene & p-Xylene	396		2.00		mg/Kg		11/11/21 07:52	11/11/21 21:29	500
o-Xylene	10.2		1.00		mg/Kg		11/11/21 07:52	11/11/21 21:29	500
Xylenes, Total	406		2.00		mg/Kg		11/11/21 07:52	11/11/21 21:29	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130				11/10/21 10:30	11/11/21 02:04	100
1,4-Difluorobenzene (Surr)	53	S1-	70 - 130				11/10/21 10:30	11/11/21 02:04	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2600		2.00		mg/Kg			11/15/21 14:12	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	49400		498		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	23400		498		mg/Kg		11/10/21 14:24	11/12/21 00:36	10
Diesel Range Organics (Over C10-C28)	26000		498		mg/Kg		11/10/21 14:24	11/12/21 00:36	10
Oil Range Organics (Over C28-C36)	<498	U	498		mg/Kg		11/10/21 14:24	11/12/21 00:36	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				11/10/21 14:24	11/12/21 00:36	10
o-Terphenyl	76		70 - 130				11/10/21 14:24	11/12/21 00:36	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	59.3		5.02		mg/Kg			11/13/21 17:13	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P195

Lab Sample ID: 890-1553-6

Date Collected: 11/09/21 14:40

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	29.1		0.201		mg/Kg		11/10/21 10:30	11/11/21 02:24	100
Toluene	172		1.00		mg/Kg		11/11/21 07:52	11/11/21 21:56	500
Ethylbenzene	48.4		1.00		mg/Kg		11/11/21 07:52	11/11/21 21:56	500
m-Xylene & p-Xylene	162		2.01		mg/Kg		11/11/21 07:52	11/11/21 21:56	500
o-Xylene	37.0		0.201		mg/Kg		11/10/21 10:30	11/11/21 02:24	100
Xylenes, Total	165		2.01		mg/Kg		11/11/21 07:52	11/11/21 21:56	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	11/10/21 10:30	11/11/21 02:24	100
1,4-Difluorobenzene (Surr)	95		70 - 130	11/10/21 10:30	11/11/21 02:24	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	449		2.01		mg/Kg			11/15/21 14:12	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	16700		249		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	7010		249		mg/Kg		11/10/21 14:24	11/12/21 01:01	5
Diesel Range Organics (Over C10-C28)	9640		249		mg/Kg		11/10/21 14:24	11/12/21 01:01	5
Oil Range Organics (Over C28-C36)	<249	U	249		mg/Kg		11/10/21 14:24	11/12/21 01:01	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	142	S1+	70 - 130	11/10/21 14:24	11/12/21 01:01	5
o-Terphenyl	88		70 - 130	11/10/21 14:24	11/12/21 01:01	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	80.1		4.99		mg/Kg			11/13/21 17:28	1

Client Sample ID: P193

Lab Sample ID: 890-1553-7

Date Collected: 11/09/21 14:45

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.660		0.0994		mg/Kg		11/10/21 10:30	11/11/21 02:45	50
Toluene	2.86		0.0994		mg/Kg		11/10/21 10:30	11/11/21 02:45	50
Ethylbenzene	0.980		0.0994		mg/Kg		11/10/21 10:30	11/11/21 02:45	50
m-Xylene & p-Xylene	2.40		0.199		mg/Kg		11/10/21 10:30	11/11/21 02:45	50
o-Xylene	0.766		0.0994		mg/Kg		11/10/21 10:30	11/11/21 02:45	50
Xylenes, Total	3.17		0.199		mg/Kg		11/10/21 10:30	11/11/21 02:45	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	11/10/21 10:30	11/11/21 02:45	50

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P193

Lab Sample ID: 890-1553-7

Date Collected: 11/09/21 14:45

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	87		70 - 130	11/10/21 10:30	11/11/21 02:45	50

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	7.67		0.199		mg/Kg			11/15/21 14:12	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1420		49.8		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		11/10/21 14:24	11/11/21 21:47	1
Diesel Range Organics (Over C10-C28)	1420	F1	49.8		mg/Kg		11/10/21 14:24	11/11/21 21:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/10/21 14:24	11/11/21 21:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				11/10/21 14:24	11/11/21 21:47	1
o-Terphenyl	94		70 - 130				11/10/21 14:24	11/11/21 21:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	87.0		4.97		mg/Kg			11/13/21 17:32	1

Client Sample ID: P192

Lab Sample ID: 890-1553-8

Date Collected: 11/09/21 14:50

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.100	U	0.100		mg/Kg		11/10/21 10:30	11/11/21 03:05	50
Toluene	0.658		0.100		mg/Kg		11/10/21 10:30	11/11/21 03:05	50
Ethylbenzene	0.236		0.100		mg/Kg		11/10/21 10:30	11/11/21 03:05	50
m-Xylene & p-Xylene	0.643		0.200		mg/Kg		11/10/21 10:30	11/11/21 03:05	50
o-Xylene	0.213		0.100		mg/Kg		11/10/21 10:30	11/11/21 03:05	50
Xylenes, Total	0.856		0.200		mg/Kg		11/10/21 10:30	11/11/21 03:05	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	11/10/21 10:30	11/11/21 03:05	50
1,4-Difluorobenzene (Surr)	96		70 - 130	11/10/21 10:30	11/11/21 03:05	50

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.75		0.200		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3390		49.9		mg/Kg			11/11/21 15:24	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P192

Lab Sample ID: 890-1553-8

Date Collected: 11/09/21 14:50

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/10/21 14:24	11/12/21 01:25	1
Diesel Range Organics (Over C10-C28)	3390		49.9		mg/Kg		11/10/21 14:24	11/12/21 01:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/10/21 14:24	11/12/21 01:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				11/10/21 14:24	11/12/21 01:25	1
o-Terphenyl	91		70 - 130				11/10/21 14:24	11/12/21 01:25	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	165		4.98		mg/Kg			11/13/21 17:37	1

Client Sample ID: P191

Lab Sample ID: 890-1553-9

Date Collected: 11/09/21 14:55

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.625		0.200		mg/Kg		11/10/21 10:30	11/11/21 03:26	100
Toluene	5.32		0.200		mg/Kg		11/10/21 10:30	11/11/21 03:26	100
Ethylbenzene	3.90		0.200		mg/Kg		11/10/21 10:30	11/11/21 03:26	100
m-Xylene & p-Xylene	10.4		0.399		mg/Kg		11/10/21 10:30	11/11/21 03:26	100
o-Xylene	4.21		0.200		mg/Kg		11/10/21 10:30	11/11/21 03:26	100
Xylenes, Total	14.6		0.399		mg/Kg		11/10/21 10:30	11/11/21 03:26	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				11/10/21 10:30	11/11/21 03:26	100
1,4-Difluorobenzene (Surr)	83		70 - 130				11/10/21 10:30	11/11/21 03:26	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	24.5		0.399		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	4410		49.8		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	673		49.8		mg/Kg		11/10/21 14:24	11/12/21 01:48	1
Diesel Range Organics (Over C10-C28)	3740		49.8		mg/Kg		11/10/21 14:24	11/12/21 01:48	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/10/21 14:24	11/12/21 01:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				11/10/21 14:24	11/12/21 01:48	1
o-Terphenyl	91		70 - 130				11/10/21 14:24	11/12/21 01:48	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P191

Lab Sample ID: 890-1553-9

Date Collected: 11/09/21 14:55

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	145		4.99		mg/Kg			11/13/21 17:42	1

Client Sample ID: P190

Lab Sample ID: 890-1553-10

Date Collected: 11/09/21 15:00

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.435		0.202		mg/Kg		11/10/21 10:30	11/11/21 03:46	100
Toluene	2.18		0.202		mg/Kg		11/10/21 10:30	11/11/21 03:46	100
Ethylbenzene	1.49		0.202		mg/Kg		11/10/21 10:30	11/11/21 03:46	100
m-Xylene & p-Xylene	3.66		0.404		mg/Kg		11/10/21 10:30	11/11/21 03:46	100
o-Xylene	1.29		0.202		mg/Kg		11/10/21 10:30	11/11/21 03:46	100
Xylenes, Total	4.95		0.404		mg/Kg		11/10/21 10:30	11/11/21 03:46	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				11/10/21 10:30	11/11/21 03:46	100
1,4-Difluorobenzene (Surr)	86		70 - 130				11/10/21 10:30	11/11/21 03:46	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	9.06		0.404		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2660		49.9		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	187		49.9		mg/Kg		11/10/21 14:24	11/12/21 02:14	1
Diesel Range Organics (Over C10-C28)	2470		49.9		mg/Kg		11/10/21 14:24	11/12/21 02:14	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/10/21 14:24	11/12/21 02:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				11/10/21 14:24	11/12/21 02:14	1
o-Terphenyl	95		70 - 130				11/10/21 14:24	11/12/21 02:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	333		4.95		mg/Kg			11/13/21 17:47	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P48

Lab Sample ID: 890-1553-11

Date Collected: 11/09/21 07:14

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	24.5		0.202		mg/Kg		11/10/21 10:30	11/11/21 05:34	100
Toluene	931		9.96		mg/Kg		11/15/21 15:49	11/16/21 15:23	5000
Ethylbenzene	84.5		0.996		mg/Kg		11/11/21 07:52	11/11/21 22:23	500
m-Xylene & p-Xylene	227		1.99		mg/Kg		11/11/21 07:52	11/11/21 22:23	500
o-Xylene	32.1		0.202		mg/Kg		11/10/21 10:30	11/11/21 05:34	100
Xylenes, Total	237		1.99		mg/Kg		11/11/21 07:52	11/11/21 22:23	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	70		70 - 130	11/10/21 10:30	11/11/21 05:34	100
1,4-Difluorobenzene (Surr)	43	S1-	70 - 130	11/10/21 10:30	11/11/21 05:34	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1300		1.99		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	26500		250		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	12900		250		mg/Kg		11/10/21 14:24	11/12/21 03:01	5
Diesel Range Organics (Over C10-C28)	13600		250		mg/Kg		11/10/21 14:24	11/12/21 03:01	5
Oil Range Organics (Over C28-C36)	<250	U	250		mg/Kg		11/10/21 14:24	11/12/21 03:01	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	186	S1+	70 - 130	11/10/21 14:24	11/12/21 03:01	5
o-Terphenyl	148	S1+	70 - 130	11/10/21 14:24	11/12/21 03:01	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	83.7		5.00		mg/Kg			11/13/21 17:52	1

Client Sample ID: P47

Lab Sample ID: 890-1553-12

Date Collected: 11/09/21 07:24

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	29.8		0.200		mg/Kg		11/10/21 10:30	11/11/21 05:55	100
Toluene	524		9.92		mg/Kg		11/15/21 15:49	11/16/21 15:43	5000
Ethylbenzene	87.5		1.00		mg/Kg		11/11/21 07:52	11/11/21 22:51	500
m-Xylene & p-Xylene	263		2.00		mg/Kg		11/11/21 07:52	11/11/21 22:51	500
o-Xylene	35.7		0.200		mg/Kg		11/10/21 10:30	11/11/21 05:55	100
Xylenes, Total	273		2.00		mg/Kg		11/11/21 07:52	11/11/21 22:51	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130	11/10/21 10:30	11/11/21 05:55	100

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P47

Lab Sample ID: 890-1553-12

Date Collected: 11/09/21 07:24

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	52	S1-	70 - 130	11/10/21 10:30	11/11/21 05:55	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	940		2.00		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	26000		249		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	12300		249		mg/Kg		11/10/21 14:24	11/12/21 03:31	5
Diesel Range Organics (Over C10-C28)	13700		249		mg/Kg		11/10/21 14:24	11/12/21 03:31	5
Oil Range Organics (Over C28-C36)	<249	U	249		mg/Kg		11/10/21 14:24	11/12/21 03:31	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	177	S1+	70 - 130				11/10/21 14:24	11/12/21 03:31	5
o-Terphenyl	88		70 - 130				11/10/21 14:24	11/12/21 03:31	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	82.4		4.95		mg/Kg			11/13/21 18:07	1

Client Sample ID: P46

Lab Sample ID: 890-1553-13

Date Collected: 11/09/21 07:23

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	21.6		0.199		mg/Kg		11/10/21 10:30	11/11/21 06:15	100
Toluene	177		1.00		mg/Kg		11/11/21 07:52	11/11/21 23:19	500
Ethylbenzene	58.5		1.00		mg/Kg		11/11/21 07:52	11/11/21 23:19	500
m-Xylene & p-Xylene	171		2.01		mg/Kg		11/11/21 07:52	11/11/21 23:19	500
o-Xylene	36.7		0.199		mg/Kg		11/10/21 10:30	11/11/21 06:15	100
Xylenes, Total	177		2.01		mg/Kg		11/11/21 07:52	11/11/21 23:19	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	11/10/21 10:30	11/11/21 06:15	100
1,4-Difluorobenzene (Surr)	57	S1-	70 - 130	11/10/21 10:30	11/11/21 06:15	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	465		2.01		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	21700		250		mg/Kg			11/11/21 15:24	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P46

Lab Sample ID: 890-1553-13

Date Collected: 11/09/21 07:23

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	10200		250		mg/Kg		11/10/21 14:24	11/12/21 03:56	5
Diesel Range Organics (Over C10-C28)	11500		250		mg/Kg		11/10/21 14:24	11/12/21 03:56	5
Oil Range Organics (Over C28-C36)	<250	U	250		mg/Kg		11/10/21 14:24	11/12/21 03:56	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	175	S1+	70 - 130				11/10/21 14:24	11/12/21 03:56	5
o-Terphenyl	128		70 - 130				11/10/21 14:24	11/12/21 03:56	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.04	U	5.04		mg/Kg			11/13/21 18:12	1

Client Sample ID: P45

Lab Sample ID: 890-1553-14

Date Collected: 11/09/21 07:47

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	3.10		0.199		mg/Kg		11/10/21 10:30	11/11/21 06:36	100
Toluene	25.9		0.199		mg/Kg		11/10/21 10:30	11/11/21 06:36	100
Ethylbenzene	13.0		0.199		mg/Kg		11/10/21 10:30	11/11/21 06:36	100
m-Xylene & p-Xylene	33.6		0.398		mg/Kg		11/10/21 10:30	11/11/21 06:36	100
o-Xylene	12.7		0.199		mg/Kg		11/10/21 10:30	11/11/21 06:36	100
Xylenes, Total	46.3		0.398		mg/Kg		11/10/21 10:30	11/11/21 06:36	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				11/10/21 10:30	11/11/21 06:36	100
1,4-Difluorobenzene (Surr)	97		70 - 130				11/10/21 10:30	11/11/21 06:36	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	88.3		0.398		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	10000		249		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	2260		249		mg/Kg		11/10/21 14:24	11/12/21 04:24	5
Diesel Range Organics (Over C10-C28)	7770		249		mg/Kg		11/10/21 14:24	11/12/21 04:24	5
Oil Range Organics (Over C28-C36)	<249	U	249		mg/Kg		11/10/21 14:24	11/12/21 04:24	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 130				11/10/21 14:24	11/12/21 04:24	5
o-Terphenyl	84		70 - 130				11/10/21 14:24	11/12/21 04:24	5

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P45

Lab Sample ID: 890-1553-14

Date Collected: 11/09/21 07:47

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	157		4.97		mg/Kg			11/13/21 18:27	1

Client Sample ID: P44

Lab Sample ID: 890-1553-15

Date Collected: 11/09/21 07:51

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	3.37		0.201		mg/Kg		11/10/21 10:30	11/11/21 06:56	100
Toluene	28.3		0.201		mg/Kg		11/10/21 10:30	11/11/21 06:56	100
Ethylbenzene	13.3		0.201		mg/Kg		11/10/21 10:30	11/11/21 06:56	100
m-Xylene & p-Xylene	33.1		0.402		mg/Kg		11/10/21 10:30	11/11/21 06:56	100
o-Xylene	12.2		0.201		mg/Kg		11/10/21 10:30	11/11/21 06:56	100
Xylenes, Total	45.3		0.402		mg/Kg		11/10/21 10:30	11/11/21 06:56	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				11/10/21 10:30	11/11/21 06:56	100
1,4-Difluorobenzene (Surr)	86		70 - 130				11/10/21 10:30	11/11/21 06:56	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	90.3		0.402		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	7280		50.0		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	1890		50.0		mg/Kg		11/10/21 14:24	11/12/21 04:47	1
Diesel Range Organics (Over C10-C28)	5390		50.0		mg/Kg		11/10/21 14:24	11/12/21 04:47	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/10/21 14:24	11/12/21 04:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130				11/10/21 14:24	11/12/21 04:47	1
o-Terphenyl	90		70 - 130				11/10/21 14:24	11/12/21 04:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96.3		4.95		mg/Kg			11/13/21 18:32	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P43

Lab Sample ID: 890-1553-16

Date Collected: 11/09/21 07:56

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	7.16		0.199		mg/Kg		11/10/21 10:30	11/11/21 07:17	100
Toluene	38.8		0.994		mg/Kg		11/11/21 07:52	11/11/21 23:47	500
Ethylbenzene	23.0		0.199		mg/Kg		11/10/21 10:30	11/11/21 07:17	100
m-Xylene & p-Xylene	56.8		0.398		mg/Kg		11/10/21 10:30	11/11/21 07:17	100
o-Xylene	21.3		0.199		mg/Kg		11/10/21 10:30	11/11/21 07:17	100
Xylenes, Total	78.1		0.398		mg/Kg		11/10/21 10:30	11/11/21 07:17	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	11/10/21 10:30	11/11/21 07:17	100
1,4-Difluorobenzene (Surr)	114		70 - 130	11/10/21 10:30	11/11/21 07:17	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	147		0.398		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	5500		49.8		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	2060		49.8		mg/Kg		11/10/21 14:24	11/12/21 05:22	1
Diesel Range Organics (Over C10-C28)	3440		49.8		mg/Kg		11/10/21 14:24	11/12/21 05:22	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/10/21 14:24	11/12/21 05:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130	11/10/21 14:24	11/12/21 05:22	1
o-Terphenyl	93		70 - 130	11/10/21 14:24	11/12/21 05:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	45.1		4.99		mg/Kg			11/13/21 18:36	1

Client Sample ID: P42

Lab Sample ID: 890-1553-17

Date Collected: 11/09/21 08:01

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.47		0.200		mg/Kg		11/10/21 10:30	11/11/21 07:37	100
Toluene	7.01		0.200		mg/Kg		11/10/21 10:30	11/11/21 07:37	100
Ethylbenzene	2.44		0.200		mg/Kg		11/10/21 10:30	11/11/21 07:37	100
m-Xylene & p-Xylene	5.82		0.400		mg/Kg		11/10/21 10:30	11/11/21 07:37	100
o-Xylene	2.22		0.200		mg/Kg		11/10/21 10:30	11/11/21 07:37	100
Xylenes, Total	8.04		0.400		mg/Kg		11/10/21 10:30	11/11/21 07:37	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	11/10/21 10:30	11/11/21 07:37	100

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P42

Lab Sample ID: 890-1553-17

Date Collected: 11/09/21 08:01

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	91		70 - 130	11/10/21 10:30	11/11/21 07:37	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	19.0		0.400		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	6590		49.9		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	213		49.9		mg/Kg		11/10/21 14:24	11/12/21 05:54	1
Diesel Range Organics (Over C10-C28)	6380		49.9		mg/Kg		11/10/21 14:24	11/12/21 05:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/10/21 14:24	11/12/21 05:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				11/10/21 14:24	11/12/21 05:54	1
o-Terphenyl	90		70 - 130				11/10/21 14:24	11/12/21 05:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	319		5.00		mg/Kg			11/13/21 18:41	1

Client Sample ID: P41

Lab Sample ID: 890-1553-18

Date Collected: 11/09/21 08:07

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.501		0.200		mg/Kg		11/10/21 10:30	11/11/21 07:57	100
Toluene	3.26		0.200		mg/Kg		11/10/21 10:30	11/11/21 07:57	100
Ethylbenzene	2.02		0.200		mg/Kg		11/10/21 10:30	11/11/21 07:57	100
m-Xylene & p-Xylene	4.24		0.400		mg/Kg		11/10/21 10:30	11/11/21 07:57	100
o-Xylene	1.66		0.200		mg/Kg		11/10/21 10:30	11/11/21 07:57	100
Xylenes, Total	5.90		0.400		mg/Kg		11/10/21 10:30	11/11/21 07:57	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	11/10/21 10:30	11/11/21 07:57	100
1,4-Difluorobenzene (Surr)	86		70 - 130	11/10/21 10:30	11/11/21 07:57	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	11.7		0.400		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	5110		49.9		mg/Kg			11/11/21 15:24	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P41

Lab Sample ID: 890-1553-18

Date Collected: 11/09/21 08:07

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	218		49.9		mg/Kg		11/10/21 14:24	11/12/21 06:19	1
Diesel Range Organics (Over C10-C28)	4890		49.9		mg/Kg		11/10/21 14:24	11/12/21 06:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/10/21 14:24	11/12/21 06:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				11/10/21 14:24	11/12/21 06:19	1
o-Terphenyl	88		70 - 130				11/10/21 14:24	11/12/21 06:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	213		4.95		mg/Kg			11/13/21 18:46	1

Client Sample ID: P40

Lab Sample ID: 890-1553-19

Date Collected: 11/09/21 08:12

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: SURFACE

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.17		0.198		mg/Kg		11/10/21 10:30	11/11/21 08:18	100
Toluene	11.4		0.198		mg/Kg		11/10/21 10:30	11/11/21 08:18	100
Ethylbenzene	5.93		0.198		mg/Kg		11/10/21 10:30	11/11/21 08:18	100
m-Xylene & p-Xylene	15.0		0.397		mg/Kg		11/10/21 10:30	11/11/21 08:18	100
o-Xylene	5.25		0.198		mg/Kg		11/10/21 10:30	11/11/21 08:18	100
Xylenes, Total	20.3		0.397		mg/Kg		11/10/21 10:30	11/11/21 08:18	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				11/10/21 10:30	11/11/21 08:18	100
1,4-Difluorobenzene (Surr)	80		70 - 130				11/10/21 10:30	11/11/21 08:18	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	38.8		0.397		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	4210		49.9		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	818		49.9		mg/Kg		11/10/21 14:24	11/12/21 06:47	1
Diesel Range Organics (Over C10-C28)	3390		49.9		mg/Kg		11/10/21 14:24	11/12/21 06:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/10/21 14:24	11/12/21 06:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	128		70 - 130				11/10/21 14:24	11/12/21 06:47	1
o-Terphenyl	96		70 - 130				11/10/21 14:24	11/12/21 06:47	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P40

Lab Sample ID: 890-1553-19

Date Collected: 11/09/21 08:12

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: SURFACE

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	173		4.95		mg/Kg			11/13/21 18:51	1

Client Sample ID: P39

Lab Sample ID: 890-1553-20

Date Collected: 11/09/21 08:21

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: SURFACE

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.955		0.199		mg/Kg		11/10/21 10:30	11/11/21 08:38	100
Toluene	6.87		0.199		mg/Kg		11/10/21 10:30	11/11/21 08:38	100
Ethylbenzene	3.34		0.199		mg/Kg		11/10/21 10:30	11/11/21 08:38	100
m-Xylene & p-Xylene	8.20		0.398		mg/Kg		11/10/21 10:30	11/11/21 08:38	100
o-Xylene	2.45		0.199		mg/Kg		11/10/21 10:30	11/11/21 08:38	100
Xylenes, Total	10.7		0.398		mg/Kg		11/10/21 10:30	11/11/21 08:38	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				11/10/21 10:30	11/11/21 08:38	100
1,4-Difluorobenzene (Surr)	86		70 - 130				11/10/21 10:30	11/11/21 08:38	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	21.8		0.398		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	4860		49.8		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	458		49.8		mg/Kg		11/10/21 14:24	11/12/21 07:11	1
Diesel Range Organics (Over C10-C28)	4400		49.8		mg/Kg		11/10/21 14:24	11/12/21 07:11	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/10/21 14:24	11/12/21 07:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				11/10/21 14:24	11/12/21 07:11	1
o-Terphenyl	92		70 - 130				11/10/21 14:24	11/12/21 07:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	72.6		5.04		mg/Kg			11/13/21 18:56	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P38

Lab Sample ID: 890-1553-21

Date Collected: 11/09/21 08:29

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: SURFACE

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.614		0.101		mg/Kg		11/10/21 11:00	11/10/21 20:46	50
Toluene	3.20		0.101		mg/Kg		11/10/21 11:00	11/10/21 20:46	50
Ethylbenzene	1.37		0.101		mg/Kg		11/10/21 11:00	11/10/21 20:46	50
m-Xylene & p-Xylene	4.94		0.202		mg/Kg		11/10/21 11:00	11/10/21 20:46	50
o-Xylene	0.206	F1	0.101		mg/Kg		11/10/21 11:00	11/10/21 20:46	50
Xylenes, Total	5.15		0.202		mg/Kg		11/10/21 11:00	11/10/21 20:46	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	11/10/21 11:00	11/10/21 20:46	50
1,4-Difluorobenzene (Surr)	84		70 - 130	11/10/21 11:00	11/10/21 20:46	50

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	10.3		0.202		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	5160		50.0		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	114		50.0		mg/Kg		11/11/21 10:01	11/12/21 06:13	1
Diesel Range Organics (Over C10-C28)	4490		50.0		mg/Kg		11/11/21 10:01	11/12/21 06:13	1
Oil Range Organics (Over C28-C36)	552		50.0		mg/Kg		11/11/21 10:01	11/12/21 06:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	11/11/21 10:01	11/12/21 06:13	1
o-Terphenyl	122		70 - 130	11/11/21 10:01	11/12/21 06:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	151		4.98		mg/Kg			11/13/21 18:07	1

Client Sample ID: P37

Lab Sample ID: 890-1553-22

Date Collected: 11/09/21 09:06

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: SURFACE

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.202	U	0.202		mg/Kg		11/10/21 11:00	11/10/21 21:14	100
Toluene	1.11		0.202		mg/Kg		11/10/21 11:00	11/10/21 21:14	100
Ethylbenzene	0.883		0.202		mg/Kg		11/10/21 11:00	11/10/21 21:14	100
m-Xylene & p-Xylene	3.41		0.403		mg/Kg		11/10/21 11:00	11/10/21 21:14	100
o-Xylene	<0.202	U	0.202		mg/Kg		11/10/21 11:00	11/10/21 21:14	100
Xylenes, Total	3.41		0.403		mg/Kg		11/10/21 11:00	11/10/21 21:14	100

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P37

Lab Sample ID: 890-1553-22

Date Collected: 11/09/21 09:06

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: SURFACE

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	11/10/21 11:00	11/10/21 21:14	100
1,4-Difluorobenzene (Surr)	97		70 - 130	11/10/21 11:00	11/10/21 21:14	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	5.40		0.403		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	8970		250		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<250	U	250		mg/Kg		11/11/21 10:01	11/12/21 06:34	5
Diesel Range Organics (Over C10-C28)	7730		250		mg/Kg		11/11/21 10:01	11/12/21 06:34	5
Oil Range Organics (Over C28-C36)	1240		250		mg/Kg		11/11/21 10:01	11/12/21 06:34	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	11/11/21 10:01	11/12/21 06:34	5
o-Terphenyl	171	S1+	70 - 130	11/11/21 10:01	11/12/21 06:34	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	205		5.04		mg/Kg			11/13/21 18:29	1

Client Sample ID: P36

Lab Sample ID: 890-1553-23

Date Collected: 11/09/21 09:15

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: SURFACE

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.200	U	0.200		mg/Kg		11/10/21 11:00	11/10/21 21:42	100
Toluene	<0.200	U	0.200		mg/Kg		11/10/21 11:00	11/10/21 21:42	100
Ethylbenzene	<0.200	U	0.200		mg/Kg		11/10/21 11:00	11/10/21 21:42	100
m-Xylene & p-Xylene	<0.399	U	0.399		mg/Kg		11/10/21 11:00	11/10/21 21:42	100
o-Xylene	<0.200	U	0.200		mg/Kg		11/10/21 11:00	11/10/21 21:42	100
Xylenes, Total	<0.399	U	0.399		mg/Kg		11/10/21 11:00	11/10/21 21:42	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130	11/10/21 11:00	11/10/21 21:42	100
1,4-Difluorobenzene (Surr)	104		70 - 130	11/10/21 11:00	11/10/21 21:42	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.399	U	0.399		mg/Kg			11/16/21 14:17	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P36

Lab Sample ID: 890-1553-23

Date Collected: 11/09/21 09:15

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: SURFACE

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	4230		49.8		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		11/11/21 10:01	11/12/21 06:55	1
Diesel Range Organics (Over C10-C28)	3700		49.8		mg/Kg		11/11/21 10:01	11/12/21 06:55	1
Oil Range Organics (Over C28-C36)	533		49.8		mg/Kg		11/11/21 10:01	11/12/21 06:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				11/11/21 10:01	11/12/21 06:55	1
o-Terphenyl	124		70 - 130				11/11/21 10:01	11/12/21 06:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	119		5.05		mg/Kg			11/13/21 18:36	1

Client Sample ID: P99

Lab Sample ID: 890-1553-24

Date Collected: 11/09/21 09:35

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	414		9.98		mg/Kg		11/15/21 15:49	11/16/21 16:04	5000
Toluene	1290		9.98		mg/Kg		11/15/21 15:49	11/16/21 16:04	5000
Ethylbenzene	185		0.992		mg/Kg		11/11/21 10:12	11/12/21 06:24	500
m-Xylene & p-Xylene	932		20.0		mg/Kg		11/15/21 15:49	11/16/21 16:04	5000
o-Xylene	141		0.992		mg/Kg		11/11/21 10:12	11/12/21 06:24	500
Xylenes, Total	1200		20.0		mg/Kg		11/15/21 15:49	11/16/21 16:04	5000
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	178	S1+	70 - 130				11/11/21 10:12	11/12/21 06:24	500
1,4-Difluorobenzene (Surr)	80		70 - 130				11/11/21 10:12	11/12/21 06:24	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2960		20.0		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	65300		500		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	29600		500		mg/Kg		11/11/21 10:01	11/12/21 07:17	10
Diesel Range Organics (Over C10-C28)	32700		500		mg/Kg		11/11/21 10:01	11/12/21 07:17	10

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P99

Lab Sample ID: 890-1553-24

Date Collected: 11/09/21 09:35

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	3000		500		mg/Kg		11/11/21 10:01	11/12/21 07:17	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				11/11/21 10:01	11/12/21 07:17	10
o-Terphenyl	136	S1+	70 - 130				11/11/21 10:01	11/12/21 07:17	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.7		4.99		mg/Kg			11/13/21 18:44	1

Client Sample ID: P98

Lab Sample ID: 890-1553-25

Date Collected: 11/09/21 09:41

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	611		9.90		mg/Kg		11/16/21 15:49	11/16/21 16:24	5000
Toluene	1700		9.90		mg/Kg		11/16/21 15:49	11/16/21 16:24	5000
Ethylbenzene	180		0.994		mg/Kg		11/11/21 10:12	11/12/21 06:44	500
m-Xylene & p-Xylene	1120		19.8		mg/Kg		11/16/21 15:49	11/16/21 16:24	5000
o-Xylene	0.401		0.199		mg/Kg		11/10/21 11:00	11/10/21 22:37	100
Xylenes, Total	1460		19.8		mg/Kg		11/16/21 15:49	11/16/21 16:24	5000
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	505	S1+	70 - 130				11/10/21 11:00	11/10/21 22:37	100
1,4-Difluorobenzene (Surr)	72		70 - 130				11/10/21 11:00	11/10/21 22:37	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	3610		19.8		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	82300		498		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	40100		498		mg/Kg		11/11/21 10:01	11/12/21 07:38	10
Diesel Range Organics (Over C10-C28)	38800		498		mg/Kg		11/11/21 10:01	11/12/21 07:38	10
Oil Range Organics (Over C28-C36)	3390		498		mg/Kg		11/11/21 10:01	11/12/21 07:38	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				11/11/21 10:01	11/12/21 07:38	10
o-Terphenyl	151	S1+	70 - 130				11/11/21 10:01	11/12/21 07:38	10

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P98

Lab Sample ID: 890-1553-25

Date Collected: 11/09/21 09:41

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	55.4		4.95		mg/Kg			11/13/21 18:51	1

Client Sample ID: P97

Lab Sample ID: 890-1553-26

Date Collected: 11/09/21 09:45

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	165		0.994		mg/Kg		11/11/21 10:12	11/12/21 07:05	500
Toluene	1300		9.92		mg/Kg		11/16/21 15:49	11/16/21 16:44	5000
Ethylbenzene	154		0.994		mg/Kg		11/11/21 10:12	11/12/21 07:05	500
m-Xylene & p-Xylene	353		1.99		mg/Kg		11/11/21 10:12	11/12/21 07:05	500
o-Xylene	114		0.994		mg/Kg		11/11/21 10:12	11/12/21 07:05	500
Xylenes, Total	467		1.99		mg/Kg		11/11/21 10:12	11/12/21 07:05	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	205	S1+	70 - 130				11/11/21 10:12	11/12/21 07:05	500
1,4-Difluorobenzene (Surr)	114		70 - 130				11/11/21 10:12	11/12/21 07:05	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2090		1.99		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	62200		497		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	28200		497		mg/Kg		11/11/21 10:01	11/12/21 07:59	10
Diesel Range Organics (Over C10-C28)	31000		497		mg/Kg		11/11/21 10:01	11/12/21 07:59	10
Oil Range Organics (Over C28-C36)	2970		497		mg/Kg		11/11/21 10:01	11/12/21 07:59	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				11/11/21 10:01	11/12/21 07:59	10
o-Terphenyl	128		70 - 130				11/11/21 10:01	11/12/21 07:59	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	85.3		4.98		mg/Kg			11/13/21 19:13	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P96

Lab Sample ID: 890-1553-27

Date Collected: 11/09/21 09:49

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	162		0.998		mg/Kg		11/11/21 10:12	11/12/21 07:25	500
Toluene	844		10.0		mg/Kg		11/16/21 15:49	11/16/21 17:05	5000
Ethylbenzene	171		0.998		mg/Kg		11/11/21 10:12	11/12/21 07:25	500
m-Xylene & p-Xylene	658		20.0		mg/Kg		11/16/21 15:49	11/16/21 17:05	5000
o-Xylene	2.09		0.199		mg/Kg		11/10/21 11:00	11/10/21 23:31	100
Xylenes, Total	866		20.0		mg/Kg		11/16/21 15:49	11/16/21 17:05	5000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	11/10/21 11:00	11/10/21 23:31	100
1,4-Difluorobenzene (Surr)	45	S1-	70 - 130	11/10/21 11:00	11/10/21 23:31	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1840		20.0		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	58600		498		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	20800		498		mg/Kg		11/11/21 10:01	11/12/21 08:20	10
Diesel Range Organics (Over C10-C28)	34600		498		mg/Kg		11/11/21 10:01	11/12/21 08:20	10
Oil Range Organics (Over C28-C36)	3150		498		mg/Kg		11/11/21 10:01	11/12/21 08:20	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	11/11/21 10:01	11/12/21 08:20	10
o-Terphenyl	129		70 - 130	11/11/21 10:01	11/12/21 08:20	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	101		4.96		mg/Kg			11/13/21 19:20	1

Client Sample ID: P95

Lab Sample ID: 890-1553-28

Date Collected: 11/09/21 09:57

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	167		0.990		mg/Kg		11/11/21 10:12	11/12/21 07:46	500
Toluene	730		9.92		mg/Kg		11/16/21 15:49	11/16/21 17:25	5000
Ethylbenzene	165		0.990		mg/Kg		11/11/21 10:12	11/12/21 07:46	500
m-Xylene & p-Xylene	385		1.98		mg/Kg		11/11/21 10:12	11/12/21 07:46	500
o-Xylene	124		0.990		mg/Kg		11/11/21 10:12	11/12/21 07:46	500
Xylenes, Total	509		1.98		mg/Kg		11/11/21 10:12	11/12/21 07:46	500

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P95

Lab Sample ID: 890-1553-28

Date Collected: 11/09/21 09:57

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	194	S1+	70 - 130	11/11/21 10:12	11/12/21 07:46	500
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130	11/11/21 10:12	11/12/21 07:46	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1570		1.98		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	60200		499		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	19600		499		mg/Kg		11/11/21 10:01	11/12/21 04:06	10
Diesel Range Organics (Over C10-C28)	40600		499		mg/Kg		11/11/21 10:01	11/12/21 04:06	10
Oil Range Organics (Over C28-C36)	<499	U	499		mg/Kg		11/11/21 10:01	11/12/21 04:06	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	641	S1+	70 - 130	11/11/21 10:01	11/12/21 04:06	10
o-Terphenyl	174	S1+	70 - 130	11/11/21 10:01	11/12/21 04:06	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	75.3		5.04		mg/Kg			11/13/21 19:28	1

Client Sample ID: P94

Lab Sample ID: 890-1553-29

Date Collected: 11/09/21 10:04

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	75.4		1.01		mg/Kg		11/11/21 10:12	11/12/21 08:06	500
Toluene	487		10.1		mg/Kg		11/16/21 15:49	11/16/21 17:46	5000
Ethylbenzene	3.92		0.200		mg/Kg		11/10/21 11:00	11/11/21 00:24	100
m-Xylene & p-Xylene	289		2.02		mg/Kg		11/11/21 10:12	11/12/21 08:06	500
o-Xylene	<0.200	U	0.200		mg/Kg		11/10/21 11:00	11/11/21 00:24	100
Xylenes, Total	384		2.02		mg/Kg		11/11/21 10:12	11/12/21 08:06	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	11/10/21 11:00	11/11/21 00:24	100
1,4-Difluorobenzene (Surr)	42	S1-	70 - 130	11/10/21 11:00	11/11/21 00:24	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	855		2.02		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	52300		498		mg/Kg			11/11/21 15:24	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P94

Lab Sample ID: 890-1553-29

Date Collected: 11/09/21 10:04

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	15300		498		mg/Kg		11/11/21 10:01	11/12/21 04:27	10
Diesel Range Organics (Over C10-C28)	37000		498		mg/Kg		11/11/21 10:01	11/12/21 04:27	10
Oil Range Organics (Over C28-C36)	<498	U	498		mg/Kg		11/11/21 10:01	11/12/21 04:27	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				11/11/21 10:01	11/12/21 04:27	10
o-Terphenyl	166	S1+	70 - 130				11/11/21 10:01	11/12/21 04:27	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	88.3		4.98		mg/Kg			11/13/21 19:35	1

Client Sample ID: P93

Lab Sample ID: 890-1553-30

Date Collected: 11/09/21 10:17

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	19.9		0.996		mg/Kg		11/11/21 10:12	11/12/21 08:27	500
Toluene	150		0.996		mg/Kg		11/11/21 10:12	11/12/21 08:27	500
Ethylbenzene	<0.200	U	0.200		mg/Kg		11/10/21 11:00	11/11/21 00:50	100
m-Xylene & p-Xylene	162		1.99		mg/Kg		11/11/21 10:12	11/12/21 08:27	500
o-Xylene	<0.200	U	0.200		mg/Kg		11/10/21 11:00	11/11/21 00:50	100
Xylenes, Total	215		1.99		mg/Kg		11/11/21 10:12	11/12/21 08:27	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	55	S1-	70 - 130				11/10/21 11:00	11/11/21 00:50	100
1,4-Difluorobenzene (Surr)	109		70 - 130				11/10/21 11:00	11/11/21 00:50	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	332		1.99		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	35500		499		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	7930		499		mg/Kg		11/11/21 10:01	11/12/21 04:49	10
Diesel Range Organics (Over C10-C28)	27600		499		mg/Kg		11/11/21 10:01	11/12/21 04:49	10
Oil Range Organics (Over C28-C36)	<499	U	499		mg/Kg		11/11/21 10:01	11/12/21 04:49	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				11/11/21 10:01	11/12/21 04:49	10
o-Terphenyl	172	S1+	70 - 130				11/11/21 10:01	11/12/21 04:49	10

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P93

Lab Sample ID: 890-1553-30

Date Collected: 11/09/21 10:17

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	76.7		5.00		mg/Kg			11/13/21 19:42	1

Client Sample ID: P92

Lab Sample ID: 890-1553-31

Date Collected: 11/09/21 10:21

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	11.4		0.202		mg/Kg		11/10/21 11:00	11/11/21 02:37	100
Toluene	86.8		1.01		mg/Kg		11/11/21 10:12	11/12/21 09:49	500
Ethylbenzene	1.07		0.202		mg/Kg		11/10/21 11:00	11/11/21 02:37	100
m-Xylene & p-Xylene	86.7		2.01		mg/Kg		11/11/21 10:12	11/12/21 09:49	500
o-Xylene	0.329		0.202		mg/Kg		11/10/21 11:00	11/11/21 02:37	100
Xylenes, Total	114		2.01		mg/Kg		11/11/21 10:12	11/12/21 09:49	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	43	S1-	70 - 130				11/10/21 11:00	11/11/21 02:37	100
1,4-Difluorobenzene (Surr)	78		70 - 130				11/10/21 11:00	11/11/21 02:37	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	186		2.01		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	23200		250		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	3130		250		mg/Kg		11/11/21 10:01	11/12/21 05:10	5
Diesel Range Organics (Over C10-C28)	20100		250		mg/Kg		11/11/21 10:01	11/12/21 05:10	5
Oil Range Organics (Over C28-C36)	<250	U	250		mg/Kg		11/11/21 10:01	11/12/21 05:10	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	40	S1-	70 - 130				11/11/21 10:01	11/12/21 05:10	5
o-Terphenyl	158	S1+	70 - 130				11/11/21 10:01	11/12/21 05:10	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	81.9		5.05		mg/Kg			11/13/21 19:50	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P91

Lab Sample ID: 890-1553-32

Date Collected: 11/09/21 10:29

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	14.7		0.201		mg/Kg		11/10/21 11:00	11/11/21 03:03	100
Toluene	143		1.00		mg/Kg		11/11/21 10:12	11/12/21 10:10	500
Ethylbenzene	26.5		0.201		mg/Kg		11/10/21 11:00	11/11/21 03:03	100
m-Xylene & p-Xylene	113		2.00		mg/Kg		11/11/21 10:12	11/12/21 10:10	500
o-Xylene	<0.201	U	0.201		mg/Kg		11/10/21 11:00	11/11/21 03:03	100
Xylenes, Total	149		2.00		mg/Kg		11/11/21 10:12	11/12/21 10:10	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	291	S1+	70 - 130	11/10/21 11:00	11/11/21 03:03	100
1,4-Difluorobenzene (Surr)	97		70 - 130	11/10/21 11:00	11/11/21 03:03	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	297		2.00		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	16000		249		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	2820		249		mg/Kg		11/11/21 10:01	11/12/21 05:31	5
Diesel Range Organics (Over C10-C28)	13200		249		mg/Kg		11/11/21 10:01	11/12/21 05:31	5
Oil Range Organics (Over C28-C36)	<249	U	249		mg/Kg		11/11/21 10:01	11/12/21 05:31	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	235	S1+	70 - 130	11/11/21 10:01	11/12/21 05:31	5
o-Terphenyl	138	S1+	70 - 130	11/11/21 10:01	11/12/21 05:31	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	86.7		4.98		mg/Kg			11/13/21 20:12	1

Client Sample ID: P90

Lab Sample ID: 890-1553-33

Date Collected: 11/09/21 10:35

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	33.4		1.00		mg/Kg		11/11/21 10:12	11/12/21 10:30	500
Toluene	163		1.00		mg/Kg		11/11/21 10:12	11/12/21 10:30	500
Ethylbenzene	58.3		1.00		mg/Kg		11/11/21 10:12	11/12/21 10:30	500
m-Xylene & p-Xylene	137		2.01		mg/Kg		11/11/21 10:12	11/12/21 10:30	500
o-Xylene	0.695		0.200		mg/Kg		11/10/21 11:00	11/11/21 03:29	100
Xylenes, Total	181		2.01		mg/Kg		11/11/21 10:12	11/12/21 10:30	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	463	S1+	70 - 130	11/10/21 11:00	11/11/21 03:29	100

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P90

Lab Sample ID: 890-1553-33

Date Collected: 11/09/21 10:35

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	130		70 - 130	11/10/21 11:00	11/11/21 03:29	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	392		2.01		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	29200		250		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	8210		250		mg/Kg		11/11/21 10:01	11/12/21 05:52	5
Diesel Range Organics (Over C10-C28)	21000		250		mg/Kg		11/11/21 10:01	11/12/21 05:52	5
Oil Range Organics (Over C28-C36)	<250	U	250		mg/Kg		11/11/21 10:01	11/12/21 05:52	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	64	S1-	70 - 130				11/11/21 10:01	11/12/21 05:52	5
o-Terphenyl	143	S1+	70 - 130				11/11/21 10:01	11/12/21 05:52	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	84.5		4.95		mg/Kg			11/13/21 20:19	1

Client Sample ID: P89

Lab Sample ID: 890-1553-34

Date Collected: 11/09/21 10:44

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	32.8		0.199		mg/Kg		11/10/21 11:00	11/11/21 03:55	100
Toluene	168		1.00		mg/Kg		11/11/21 10:12	11/12/21 10:51	500
Ethylbenzene	58.5		1.00		mg/Kg		11/11/21 10:12	11/12/21 10:51	500
m-Xylene & p-Xylene	148		2.01		mg/Kg		11/11/21 10:12	11/12/21 10:51	500
o-Xylene	1.13		0.199		mg/Kg		11/10/21 11:00	11/11/21 03:55	100
Xylenes, Total	198		2.01		mg/Kg		11/11/21 10:12	11/12/21 10:51	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	395	S1+	70 - 130	11/10/21 11:00	11/11/21 03:55	100
1,4-Difluorobenzene (Surr)	118		70 - 130	11/10/21 11:00	11/11/21 03:55	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	408		2.01		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	23500		249		mg/Kg			11/11/21 15:24	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P89

Lab Sample ID: 890-1553-34

Date Collected: 11/09/21 10:44

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	3730		249		mg/Kg		11/11/21 10:01	11/12/21 06:13	5
Diesel Range Organics (Over C10-C28)	19800		249		mg/Kg		11/11/21 10:01	11/12/21 06:13	5
Oil Range Organics (Over C28-C36)	<249	U	249		mg/Kg		11/11/21 10:01	11/12/21 06:13	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	52	S1-	70 - 130				11/11/21 10:01	11/12/21 06:13	5
o-Terphenyl	139	S1+	70 - 130				11/11/21 10:01	11/12/21 06:13	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	106		5.04		mg/Kg			11/13/21 20:41	1

Client Sample ID: P88

Lab Sample ID: 890-1553-35

Date Collected: 11/09/21 10:49

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	34.7		0.202		mg/Kg		11/10/21 11:00	11/11/21 04:21	100
Toluene	17.4		1.01		mg/Kg		11/12/21 11:23	11/13/21 20:54	500
Ethylbenzene	20.4		0.202		mg/Kg		11/10/21 11:00	11/11/21 04:21	100
m-Xylene & p-Xylene	16.9	*- *1	2.01		mg/Kg		11/12/21 11:23	11/13/21 20:54	500
o-Xylene	0.449		0.202		mg/Kg		11/10/21 11:00	11/11/21 04:21	100
Xylenes, Total	23.8	*-	2.01		mg/Kg		11/12/21 11:23	11/13/21 20:54	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	393	S1+	70 - 130				11/10/21 11:00	11/11/21 04:21	100
1,4-Difluorobenzene (Surr)	117		70 - 130				11/10/21 11:00	11/11/21 04:21	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	89.8		2.01		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	17700		250		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	4570		250		mg/Kg		11/11/21 10:01	11/12/21 06:34	5
Diesel Range Organics (Over C10-C28)	13100		250		mg/Kg		11/11/21 10:01	11/12/21 06:34	5
Oil Range Organics (Over C28-C36)	<250	U	250		mg/Kg		11/11/21 10:01	11/12/21 06:34	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	37	S1-	70 - 130				11/11/21 10:01	11/12/21 06:34	5
o-Terphenyl	111		70 - 130				11/11/21 10:01	11/12/21 06:34	5

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P88

Lab Sample ID: 890-1553-35

Date Collected: 11/09/21 10:49

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	98.3		4.99		mg/Kg			11/13/21 20:49	1

Client Sample ID: P87

Lab Sample ID: 890-1553-36

Date Collected: 11/09/21 10:54

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	442		10.0		mg/Kg		11/15/21 10:53	11/16/21 13:44	5000
Toluene	1830		10.0		mg/Kg		11/15/21 10:53	11/16/21 13:44	5000
Ethylbenzene	567		10.0		mg/Kg		11/15/21 10:53	11/16/21 13:44	5000
m-Xylene & p-Xylene	1550		20.0		mg/Kg		11/15/21 10:53	11/16/21 13:44	5000
o-Xylene	512		10.0		mg/Kg		11/15/21 10:53	11/16/21 13:44	5000
Xylenes, Total	2060		20.0		mg/Kg		11/15/21 10:53	11/16/21 13:44	5000
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130				11/15/21 10:53	11/16/21 13:44	5000
1,4-Difluorobenzene (Surr)	119		70 - 130				11/15/21 10:53	11/16/21 13:44	5000

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	4900		20.0		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1750		49.8		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	104	F1	49.8		mg/Kg		11/11/21 10:01	11/12/21 05:10	1
Diesel Range Organics (Over C10-C28)	1500	F1	49.8		mg/Kg		11/11/21 10:01	11/12/21 05:10	1
Oil Range Organics (Over C28-C36)	150		49.8		mg/Kg		11/11/21 10:01	11/12/21 05:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				11/11/21 10:01	11/12/21 05:10	1
o-Terphenyl	121		70 - 130				11/11/21 10:01	11/12/21 05:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	82.1		4.97		mg/Kg			11/13/21 20:56	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P133

Lab Sample ID: 890-1553-37

Date Collected: 11/09/21 11:26

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	152		10.0		mg/Kg		11/15/21 10:53	11/16/21 14:04	5000
Toluene	694		10.0		mg/Kg		11/15/21 10:53	11/16/21 14:04	5000
Ethylbenzene	215		10.0		mg/Kg		11/15/21 10:53	11/16/21 14:04	5000
m-Xylene & p-Xylene	534		20.0		mg/Kg		11/15/21 10:53	11/16/21 14:04	5000
o-Xylene	190		10.0		mg/Kg		11/15/21 10:53	11/16/21 14:04	5000
Xylenes, Total	378	*-	2.00		mg/Kg		11/12/21 11:23	11/13/21 21:35	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	11/15/21 10:53	11/16/21 14:04	5000
1,4-Difluorobenzene (Surr)	88		70 - 130	11/15/21 10:53	11/16/21 14:04	5000

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1790		20.0		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	46400		499		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	17800		499		mg/Kg		11/11/21 10:01	11/12/21 06:55	10
Diesel Range Organics (Over C10-C28)	28600		499		mg/Kg		11/11/21 10:01	11/12/21 06:55	10
Oil Range Organics (Over C28-C36)	<499	U	499		mg/Kg		11/11/21 10:01	11/12/21 06:55	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	11/11/21 10:01	11/12/21 06:55	10
o-Terphenyl	139	S1+	70 - 130	11/11/21 10:01	11/12/21 06:55	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66.9		4.95		mg/Kg			11/13/21 21:03	1

Client Sample ID: P132

Lab Sample ID: 890-1553-38

Date Collected: 11/09/21 11:31

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	220		9.94		mg/Kg		11/15/21 10:53	11/16/21 14:25	5000
Toluene	858		9.94		mg/Kg		11/15/21 10:53	11/16/21 14:25	5000
Ethylbenzene	249		9.94		mg/Kg		11/15/21 10:53	11/16/21 14:25	5000
m-Xylene & p-Xylene	614		19.9		mg/Kg		11/15/21 10:53	11/16/21 14:25	5000
o-Xylene	202		9.94		mg/Kg		11/15/21 10:53	11/16/21 14:25	5000
Xylenes, Total	403	*-	2.02		mg/Kg		11/12/21 11:23	11/13/21 21:55	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	11/15/21 10:53	11/16/21 14:25	5000

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P132

Lab Sample ID: 890-1553-38

Date Collected: 11/09/21 11:31

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	82		70 - 130	11/15/21 10:53	11/16/21 14:25	5000

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2140		19.9		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	60800		499		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	24200		499		mg/Kg		11/11/21 10:01	11/12/21 07:17	10
Diesel Range Organics (Over C10-C28)	36600		499		mg/Kg		11/11/21 10:01	11/12/21 07:17	10
Oil Range Organics (Over C28-C36)	<499	U	499		mg/Kg		11/11/21 10:01	11/12/21 07:17	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	128		70 - 130				11/11/21 10:01	11/12/21 07:17	10
o-Terphenyl	163	S1+	70 - 130				11/11/21 10:01	11/12/21 07:17	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	64.5		4.96		mg/Kg			11/13/21 21:11	1

Client Sample ID: P131

Lab Sample ID: 890-1553-39

Date Collected: 11/09/21 11:35

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0867		0.00201		mg/Kg		11/15/21 10:53	11/16/21 14:45	1
Toluene	0.354		0.00201		mg/Kg		11/15/21 10:53	11/16/21 14:45	1
Ethylbenzene	0.110		0.00201		mg/Kg		11/15/21 10:53	11/16/21 14:45	1
m-Xylene & p-Xylene	0.270		0.00402		mg/Kg		11/15/21 10:53	11/16/21 14:45	1
o-Xylene	0.0910		0.00201		mg/Kg		11/15/21 10:53	11/16/21 14:45	1
Xylenes, Total	412	*	1.99		mg/Kg		11/12/21 11:23	11/13/21 22:16	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	11/15/21 10:53	11/16/21 14:45	1
1,4-Difluorobenzene (Surr)	107		70 - 130	11/15/21 10:53	11/16/21 14:45	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.912		0.00402		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	46600		499		mg/Kg			11/11/21 15:24	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P131

Lab Sample ID: 890-1553-39

Date Collected: 11/09/21 11:35

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	17900		499		mg/Kg		11/11/21 10:01	11/12/21 07:38	10
Diesel Range Organics (Over C10-C28)	28700		499		mg/Kg		11/11/21 10:01	11/12/21 07:38	10
Oil Range Organics (Over C28-C36)	<499	U	499		mg/Kg		11/11/21 10:01	11/12/21 07:38	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				11/11/21 10:01	11/12/21 07:38	10
o-Terphenyl	125		70 - 130				11/11/21 10:01	11/12/21 07:38	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	78.8		5.00		mg/Kg			11/13/21 21:18	1

Client Sample ID: P130

Lab Sample ID: 890-1553-40

Date Collected: 11/09/21 11:40

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	200		10.0		mg/Kg		11/15/21 10:53	11/16/21 15:05	5000
Toluene	846		10.0		mg/Kg		11/15/21 10:53	11/16/21 15:05	5000
Ethylbenzene	267		10.0		mg/Kg		11/15/21 10:53	11/16/21 15:05	5000
m-Xylene & p-Xylene	662		20.0		mg/Kg		11/15/21 10:53	11/16/21 15:05	5000
o-Xylene	216		10.0		mg/Kg		11/15/21 10:53	11/16/21 15:05	5000
Xylenes, Total	394	*	1.98		mg/Kg		11/12/21 11:23	11/13/21 22:36	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				11/15/21 10:53	11/16/21 15:05	5000
1,4-Difluorobenzene (Surr)	84		70 - 130				11/15/21 10:53	11/16/21 15:05	5000

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2190		20.0		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	50700		498		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	14800		498		mg/Kg		11/11/21 10:01	11/12/21 07:59	10
Diesel Range Organics (Over C10-C28)	35900		498		mg/Kg		11/11/21 10:01	11/12/21 07:59	10
Oil Range Organics (Over C28-C36)	<498	U	498		mg/Kg		11/11/21 10:01	11/12/21 07:59	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				11/11/21 10:01	11/12/21 07:59	10
o-Terphenyl	166	S1+	70 - 130				11/11/21 10:01	11/12/21 07:59	10

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P130

Lab Sample ID: 890-1553-40

Date Collected: 11/09/21 11:40

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	108		4.98		mg/Kg			11/13/21 21:26	1

Client Sample ID: P129

Lab Sample ID: 890-1553-41

Date Collected: 11/09/21 11:44

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	433	B	9.94		mg/Kg		11/10/21 11:00	11/12/21 14:06	5000
Toluene	1330	*- B	9.94		mg/Kg		11/10/21 11:00	11/12/21 14:06	5000
Ethylbenzene	330	B	9.94		mg/Kg		11/10/21 11:00	11/12/21 14:06	5000
m-Xylene & p-Xylene	1030	B	19.9		mg/Kg		11/10/21 11:00	11/12/21 14:06	5000
o-Xylene	33.6	F2 B	9.94		mg/Kg		11/10/21 11:00	11/12/21 14:06	5000
Xylenes, Total	1060	B	19.9		mg/Kg		11/10/21 11:00	11/12/21 14:06	5000
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				11/10/21 11:00	11/12/21 14:06	5000
1,4-Difluorobenzene (Surr)	96		70 - 130				11/10/21 11:00	11/12/21 14:06	5000

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	3160		19.9		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	61600		500		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	24000		500		mg/Kg		11/11/21 14:38	11/13/21 00:22	10
Diesel Range Organics (Over C10-C28)	33900		500		mg/Kg		11/11/21 14:38	11/13/21 00:22	10
Oil Range Organics (Over C28-C36)	3650		500		mg/Kg		11/11/21 14:38	11/13/21 00:22	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				11/11/21 14:38	11/13/21 00:22	10
o-Terphenyl	133	S1+	70 - 130				11/11/21 14:38	11/13/21 00:22	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	91.4		4.95		mg/Kg			11/13/21 22:24	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P128

Lab Sample ID: 890-1553-42

Date Collected: 11/09/21 11:49

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	275	B	10.1		mg/Kg		11/10/21 11:00	11/12/21 14:34	5000
Toluene	880	*- B	10.1		mg/Kg		11/10/21 11:00	11/12/21 14:34	5000
Ethylbenzene	238	B	10.1		mg/Kg		11/10/21 11:00	11/12/21 14:34	5000
m-Xylene & p-Xylene	738	B	20.2		mg/Kg		11/10/21 11:00	11/12/21 14:34	5000
o-Xylene	20.2	B	10.1		mg/Kg		11/10/21 11:00	11/12/21 14:34	5000
Xylenes, Total	758	B	20.2		mg/Kg		11/10/21 11:00	11/12/21 14:34	5000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	11/10/21 11:00	11/12/21 14:34	5000
1,4-Difluorobenzene (Surr)	106		70 - 130	11/10/21 11:00	11/12/21 14:34	5000

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2150		20.2		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	53800		499		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	17600		499		mg/Kg		11/11/21 14:38	11/13/21 00:44	10
Diesel Range Organics (Over C10-C28)	31700		499		mg/Kg		11/11/21 14:38	11/13/21 00:44	10
Oil Range Organics (Over C28-C36)	4520		499		mg/Kg		11/11/21 14:38	11/13/21 00:44	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130	11/11/21 14:38	11/13/21 00:44	10
o-Terphenyl	139	S1+	70 - 130	11/11/21 14:38	11/13/21 00:44	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	104		5.02		mg/Kg			11/13/21 22:47	1

Client Sample ID: P127

Lab Sample ID: 890-1553-43

Date Collected: 11/09/21 11:53

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	45.8	B	0.998		mg/Kg		11/10/21 11:00	11/12/21 15:01	500
Toluene	195	*- B	0.998		mg/Kg		11/10/21 11:00	11/12/21 15:01	500
Ethylbenzene	61.7	B	0.998		mg/Kg		11/10/21 11:00	11/12/21 15:01	500
m-Xylene & p-Xylene	187	B	2.00		mg/Kg		11/10/21 11:00	11/12/21 15:01	500
o-Xylene	5.61	B	0.998		mg/Kg		11/10/21 11:00	11/12/21 15:01	500
Xylenes, Total	193	B	2.00		mg/Kg		11/10/21 11:00	11/12/21 15:01	500

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P127

Lab Sample ID: 890-1553-43

Date Collected: 11/09/21 11:53

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	160	S1+	70 - 130	11/10/21 11:00	11/12/21 15:01	500
1,4-Difluorobenzene (Surr)	88		70 - 130	11/10/21 11:00	11/12/21 15:01	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	495		2.00		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	23800		249		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	7520		249		mg/Kg		11/11/21 14:38	11/13/21 01:06	5
Diesel Range Organics (Over C10-C28)	14500		249		mg/Kg		11/11/21 14:38	11/13/21 01:06	5
Oil Range Organics (Over C28-C36)	1770		249		mg/Kg		11/11/21 14:38	11/13/21 01:06	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	202	S1+	70 - 130				11/11/21 14:38	11/13/21 01:06	5
o-Terphenyl	113		70 - 130				11/11/21 14:38	11/13/21 01:06	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	78.0		4.99		mg/Kg			11/13/21 22:54	1

Client Sample ID: P126

Lab Sample ID: 890-1553-44

Date Collected: 11/09/21 12:00

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	7.53	B	0.998		mg/Kg		11/10/21 11:00	11/12/21 15:28	500
Toluene	64.6	*- B	0.998		mg/Kg		11/10/21 11:00	11/12/21 15:28	500
Ethylbenzene	28.6	B	0.998		mg/Kg		11/10/21 11:00	11/12/21 15:28	500
m-Xylene & p-Xylene	91.7	B	2.00		mg/Kg		11/10/21 11:00	11/12/21 15:28	500
o-Xylene	4.79	B	0.998		mg/Kg		11/10/21 11:00	11/12/21 15:28	500
Xylenes, Total	96.5	B	2.00		mg/Kg		11/10/21 11:00	11/12/21 15:28	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130				11/10/21 11:00	11/12/21 15:28	500
1,4-Difluorobenzene (Surr)	89		70 - 130				11/10/21 11:00	11/12/21 15:28	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	197		2.00		mg/Kg			11/16/21 14:17	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P126

Lab Sample ID: 890-1553-44

Date Collected: 11/09/21 12:00

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	9880		250		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	2510		250		mg/Kg		11/11/21 14:38	11/13/21 01:30	5
Diesel Range Organics (Over C10-C28)	6660		250		mg/Kg		11/11/21 14:38	11/13/21 01:30	5
Oil Range Organics (Over C28-C36)	712		250		mg/Kg		11/11/21 14:38	11/13/21 01:30	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	145	S1+	70 - 130				11/11/21 14:38	11/13/21 01:30	5
o-Terphenyl	84		70 - 130				11/11/21 14:38	11/13/21 01:30	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	71.9		4.97		mg/Kg			11/13/21 23:01	1

Client Sample ID: P125

Lab Sample ID: 890-1553-45

Date Collected: 11/09/21 12:38

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	39.7	B	1.00		mg/Kg		11/10/21 11:00	11/12/21 15:56	500
Toluene	160	*- B	1.00		mg/Kg		11/10/21 11:00	11/12/21 15:56	500
Ethylbenzene	54.3	B	1.00		mg/Kg		11/10/21 11:00	11/12/21 15:56	500
m-Xylene & p-Xylene	160	B	2.01		mg/Kg		11/10/21 11:00	11/12/21 15:56	500
o-Xylene	11.8	B	1.00		mg/Kg		11/10/21 11:00	11/12/21 15:56	500
Xylenes, Total	172	B	2.01		mg/Kg		11/10/21 11:00	11/12/21 15:56	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	149	S1+	70 - 130				11/10/21 11:00	11/12/21 15:56	500
1,4-Difluorobenzene (Surr)	84		70 - 130				11/10/21 11:00	11/12/21 15:56	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	426		2.01		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	21200		249		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	7830		249		mg/Kg		11/11/21 14:38	11/13/21 01:52	5
Diesel Range Organics (Over C10-C28)	11700		249		mg/Kg		11/11/21 14:38	11/13/21 01:52	5

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P125

Lab Sample ID: 890-1553-45

Date Collected: 11/09/21 12:38

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	1670		249		mg/Kg		11/11/21 14:38	11/13/21 01:52	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	189	S1+	70 - 130				11/11/21 14:38	11/13/21 01:52	5
o-Terphenyl	121		70 - 130				11/11/21 14:38	11/13/21 01:52	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	77.7		4.98		mg/Kg			11/13/21 23:09	1

Client Sample ID: P124

Lab Sample ID: 890-1553-46

Date Collected: 11/09/21 12:50

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	100	B	1.00		mg/Kg		11/10/21 11:00	11/12/21 16:22	500
Toluene	92.2	*- B	1.00		mg/Kg		11/10/21 11:00	11/12/21 16:22	500
Ethylbenzene	118	B	1.00		mg/Kg		11/10/21 11:00	11/12/21 16:22	500
m-Xylene & p-Xylene	363	B	2.00		mg/Kg		11/10/21 11:00	11/12/21 16:22	500
o-Xylene	14.6	B	1.00		mg/Kg		11/10/21 11:00	11/12/21 16:22	500
Xylenes, Total	378	B	2.00		mg/Kg		11/10/21 11:00	11/12/21 16:22	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	195	S1+	70 - 130				11/10/21 11:00	11/12/21 16:22	500
1,4-Difluorobenzene (Surr)	91		70 - 130				11/10/21 11:00	11/12/21 16:22	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	688		2.00		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	40800		497		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	15400		497		mg/Kg		11/11/21 14:38	11/13/21 02:14	10
Diesel Range Organics (Over C10-C28)	22900		497		mg/Kg		11/11/21 14:38	11/13/21 02:14	10
Oil Range Organics (Over C28-C36)	2500		497		mg/Kg		11/11/21 14:38	11/13/21 02:14	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	245	S1+	70 - 130				11/11/21 14:38	11/13/21 02:14	10
o-Terphenyl	124		70 - 130				11/11/21 14:38	11/13/21 02:14	10

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P124

Lab Sample ID: 890-1553-46

Date Collected: 11/09/21 12:50

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	81.6		5.01		mg/Kg			11/13/21 23:31	1

Client Sample ID: P123

Lab Sample ID: 890-1553-47

Date Collected: 11/09/21 12:55

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	49.4	B	0.990		mg/Kg		11/10/21 11:00	11/12/21 16:49	500
Toluene	189	*- B	0.990		mg/Kg		11/10/21 11:00	11/12/21 16:49	500
Ethylbenzene	58.2	B	0.990		mg/Kg		11/10/21 11:00	11/12/21 16:49	500
m-Xylene & p-Xylene	174	B	1.98		mg/Kg		11/10/21 11:00	11/12/21 16:49	500
o-Xylene	8.27	B	0.990		mg/Kg		11/10/21 11:00	11/12/21 16:49	500
Xylenes, Total	182	B	1.98		mg/Kg		11/10/21 11:00	11/12/21 16:49	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				11/10/21 11:00	11/12/21 16:49	500
1,4-Difluorobenzene (Surr)	73		70 - 130				11/10/21 11:00	11/12/21 16:49	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	479		1.98		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	28600		249		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	9710		249		mg/Kg		11/11/21 14:38	11/13/21 02:37	5
Diesel Range Organics (Over C10-C28)	16900		249		mg/Kg		11/11/21 14:38	11/13/21 02:37	5
Oil Range Organics (Over C28-C36)	1960		249		mg/Kg		11/11/21 14:38	11/13/21 02:37	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	230	S1+	70 - 130				11/11/21 14:38	11/13/21 02:37	5
o-Terphenyl	171	S1+	70 - 130				11/11/21 14:38	11/13/21 02:37	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	89.1		4.98		mg/Kg			11/13/21 23:38	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P122

Lab Sample ID: 890-1553-48

Date Collected: 11/09/21 13:01

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	7.74	B	1.01		mg/Kg		11/10/21 11:00	11/12/21 17:15	500
Toluene	35.5	*- B	1.01		mg/Kg		11/10/21 11:00	11/12/21 17:15	500
Ethylbenzene	18.8	B	1.01		mg/Kg		11/10/21 11:00	11/12/21 17:15	500
m-Xylene & p-Xylene	35.0	B	2.02		mg/Kg		11/10/21 11:00	11/12/21 17:15	500
o-Xylene	<1.01	U	1.01		mg/Kg		11/10/21 11:00	11/12/21 17:15	500
Xylenes, Total	35.0	B	2.02		mg/Kg		11/10/21 11:00	11/12/21 17:15	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130	11/10/21 11:00	11/12/21 17:15	500
1,4-Difluorobenzene (Surr)	107		70 - 130	11/10/21 11:00	11/12/21 17:15	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	97.0		2.02		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	740		49.9		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/11/21 14:38	11/12/21 23:59	1
Diesel Range Organics (Over C10-C28)	665		49.9		mg/Kg		11/11/21 14:38	11/12/21 23:59	1
Oil Range Organics (Over C28-C36)	74.8		49.9		mg/Kg		11/11/21 14:38	11/12/21 23:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	11/11/21 14:38	11/12/21 23:59	1
o-Terphenyl	111		70 - 130	11/11/21 14:38	11/12/21 23:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.6		4.95		mg/Kg			11/13/21 23:45	1

Client Sample ID: P167

Lab Sample ID: 890-1553-49

Date Collected: 11/09/21 13:17

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	114	B	0.994		mg/Kg		11/10/21 11:00	11/12/21 17:42	500
Toluene	88.9	*- B	0.994		mg/Kg		11/10/21 11:00	11/12/21 17:42	500
Ethylbenzene	90.4	B	0.994		mg/Kg		11/10/21 11:00	11/12/21 17:42	500
m-Xylene & p-Xylene	281	B	1.99		mg/Kg		11/10/21 11:00	11/12/21 17:42	500
o-Xylene	1.20	B	0.994		mg/Kg		11/10/21 11:00	11/12/21 17:42	500
Xylenes, Total	282	B	1.99		mg/Kg		11/10/21 11:00	11/12/21 17:42	500

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P167

Lab Sample ID: 890-1553-49

Date Collected: 11/09/21 13:17

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	205	S1+	70 - 130	11/10/21 11:00	11/12/21 17:42	500
1,4-Difluorobenzene (Surr)	71		70 - 130	11/10/21 11:00	11/12/21 17:42	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	576		1.99		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	54100		498		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	21900		498		mg/Kg		11/11/21 14:38	11/13/21 03:00	10
Diesel Range Organics (Over C10-C28)	28500		498		mg/Kg		11/11/21 14:38	11/13/21 03:00	10
Oil Range Organics (Over C28-C36)	3740		498		mg/Kg		11/11/21 14:38	11/13/21 03:00	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				11/11/21 14:38	11/13/21 03:00	10
o-Terphenyl	319	S1+	70 - 130				11/11/21 14:38	11/13/21 03:00	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	65.3		4.99		mg/Kg			11/13/21 23:53	1

Client Sample ID: P166

Lab Sample ID: 890-1553-50

Date Collected: 11/09/21 13:21

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	165	B	0.996		mg/Kg		11/10/21 11:00	11/12/21 18:10	500
Toluene	80.2	*- B	0.996		mg/Kg		11/10/21 11:00	11/12/21 18:10	500
Ethylbenzene	93.8	B	0.996		mg/Kg		11/10/21 11:00	11/12/21 18:10	500
m-Xylene & p-Xylene	266	B	1.99		mg/Kg		11/10/21 11:00	11/12/21 18:10	500
o-Xylene	6.07	B	0.996		mg/Kg		11/10/21 11:00	11/12/21 18:10	500
Xylenes, Total	272	B	1.99		mg/Kg		11/10/21 11:00	11/12/21 18:10	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130				11/10/21 11:00	11/12/21 18:10	500
1,4-Difluorobenzene (Surr)	74		70 - 130				11/10/21 11:00	11/12/21 18:10	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	611		1.99		mg/Kg			11/16/21 14:17	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P166

Lab Sample ID: 890-1553-50

Date Collected: 11/09/21 13:21

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	67200		499		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	27300		499		mg/Kg		11/11/21 14:38	11/13/21 03:45	10
Diesel Range Organics (Over C10-C28)	36000		499		mg/Kg		11/11/21 14:38	11/13/21 03:45	10
Oil Range Organics (Over C28-C36)	3850		499		mg/Kg		11/11/21 14:38	11/13/21 03:45	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	185	S1+	70 - 130				11/11/21 14:38	11/13/21 03:45	10
o-Terphenyl	155	S1+	70 - 130				11/11/21 14:38	11/13/21 03:45	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	75.5		5.00		mg/Kg			11/14/21 00:00	1

Client Sample ID: P165

Lab Sample ID: 890-1553-51

Date Collected: 11/09/21 13:26

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	159	B	0.996		mg/Kg		11/10/21 11:00	11/12/21 20:01	500
Toluene	100	*- B	0.996		mg/Kg		11/10/21 11:00	11/12/21 20:01	500
Ethylbenzene	112	B	0.996		mg/Kg		11/10/21 11:00	11/12/21 20:01	500
m-Xylene & p-Xylene	323	B	1.99		mg/Kg		11/10/21 11:00	11/12/21 20:01	500
o-Xylene	8.12	B	0.996		mg/Kg		11/10/21 11:00	11/12/21 20:01	500
Xylenes, Total	331	B	1.99		mg/Kg		11/10/21 11:00	11/12/21 20:01	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	175	S1+	70 - 130				11/10/21 11:00	11/12/21 20:01	500
1,4-Difluorobenzene (Surr)	68	S1-	70 - 130				11/10/21 11:00	11/12/21 20:01	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	702		1.99		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	67300		500		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	24200		500		mg/Kg		11/11/21 14:38	11/13/21 04:10	10
Diesel Range Organics (Over C10-C28)	38600		500		mg/Kg		11/11/21 14:38	11/13/21 04:10	10

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P165

Lab Sample ID: 890-1553-51

Date Collected: 11/09/21 13:26

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	4470		500		mg/Kg		11/11/21 14:38	11/13/21 04:10	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	339	S1+	70 - 130				11/11/21 14:38	11/13/21 04:10	10
o-Terphenyl	156	S1+	70 - 130				11/11/21 14:38	11/13/21 04:10	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	93.0		5.04		mg/Kg			11/14/21 00:07	1

Client Sample ID: P164

Lab Sample ID: 890-1553-52

Date Collected: 11/09/21 13:29

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	129	B	0.996		mg/Kg		11/10/21 11:00	11/12/21 20:28	500
Toluene	80.9	*- B	0.996		mg/Kg		11/10/21 11:00	11/12/21 20:28	500
Ethylbenzene	101	B	0.996		mg/Kg		11/10/21 11:00	11/12/21 20:28	500
m-Xylene & p-Xylene	449		20.0		mg/Kg		11/15/21 10:53	11/16/21 15:26	5000
o-Xylene	8.13	B	0.996		mg/Kg		11/10/21 11:00	11/12/21 20:28	500
Xylenes, Total	318	B	1.99		mg/Kg		11/10/21 11:00	11/12/21 20:28	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	160	S1+	70 - 130				11/10/21 11:00	11/12/21 20:28	500
1,4-Difluorobenzene (Surr)	97		70 - 130				11/10/21 11:00	11/12/21 20:28	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	768		20.0		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	57100		499		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	17000		499		mg/Kg		11/11/21 14:38	11/13/21 04:37	10
Diesel Range Organics (Over C10-C28)	35800		499		mg/Kg		11/11/21 14:38	11/13/21 04:37	10
Oil Range Organics (Over C28-C36)	4340		499		mg/Kg		11/11/21 14:38	11/13/21 04:37	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	190	S1+	70 - 130				11/11/21 14:38	11/13/21 04:37	10
o-Terphenyl	139	S1+	70 - 130				11/11/21 14:38	11/13/21 04:37	10

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P164

Lab Sample ID: 890-1553-52

Date Collected: 11/09/21 13:29

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	115		4.98		mg/Kg			11/14/21 00:30	1

Client Sample ID: P163

Lab Sample ID: 890-1553-53

Date Collected: 11/09/21 13:35

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	134	B	0.998		mg/Kg		11/10/21 11:00	11/12/21 20:56	500
Toluene	85.2	*- B	0.998		mg/Kg		11/10/21 11:00	11/12/21 20:56	500
Ethylbenzene	110	B	0.998		mg/Kg		11/10/21 11:00	11/12/21 20:56	500
m-Xylene & p-Xylene	310	B	2.00		mg/Kg		11/10/21 11:00	11/12/21 20:56	500
o-Xylene	6.58	B	0.998		mg/Kg		11/10/21 11:00	11/12/21 20:56	500
Xylenes, Total	317	B	2.00		mg/Kg		11/10/21 11:00	11/12/21 20:56	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	177	S1+	70 - 130				11/10/21 11:00	11/12/21 20:56	500
1,4-Difluorobenzene (Surr)	108		70 - 130				11/10/21 11:00	11/12/21 20:56	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	646		2.00		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	60100		500		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	18500		500		mg/Kg		11/11/21 14:38	11/13/21 05:00	10
Diesel Range Organics (Over C10-C28)	37500		500		mg/Kg		11/11/21 14:38	11/13/21 05:00	10
Oil Range Organics (Over C28-C36)	4110		500		mg/Kg		11/11/21 14:38	11/13/21 05:00	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	214	S1+	70 - 130				11/11/21 14:38	11/13/21 05:00	10
o-Terphenyl	146	S1+	70 - 130				11/11/21 14:38	11/13/21 05:00	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	99.6		4.99		mg/Kg			11/14/21 00:37	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P162

Lab Sample ID: 890-1553-54

Date Collected: 11/09/21 13:40

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	133	B	1.00		mg/Kg		11/10/21 11:00	11/12/21 21:23	500
Toluene	75.0	*- B	1.00		mg/Kg		11/10/21 11:00	11/12/21 21:23	500
Ethylbenzene	123	B	1.00		mg/Kg		11/10/21 11:00	11/12/21 21:23	500
m-Xylene & p-Xylene	356	B	2.01		mg/Kg		11/10/21 11:00	11/12/21 21:23	500
o-Xylene	8.18	B	1.00		mg/Kg		11/10/21 11:00	11/12/21 21:23	500
Xylenes, Total	364	B	2.01		mg/Kg		11/10/21 11:00	11/12/21 21:23	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	3	S1-	70 - 130	11/10/21 11:00	11/12/21 21:23	500
1,4-Difluorobenzene (Surr)	81		70 - 130	11/10/21 11:00	11/12/21 21:23	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	695		2.01		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	55200		499		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	17200		499		mg/Kg		11/11/21 14:38	11/13/21 05:24	10
Diesel Range Organics (Over C10-C28)	34400		499		mg/Kg		11/11/21 14:38	11/13/21 05:24	10
Oil Range Organics (Over C28-C36)	3590		499		mg/Kg		11/11/21 14:38	11/13/21 05:24	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	165	S1+	70 - 130	11/11/21 14:38	11/13/21 05:24	10
o-Terphenyl	140	S1+	70 - 130	11/11/21 14:38	11/13/21 05:24	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	89.5		4.97		mg/Kg			11/14/21 00:59	1

Client Sample ID: P161

Lab Sample ID: 890-1553-55

Date Collected: 11/09/21 13:45

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	65.0	B	0.994		mg/Kg		11/10/21 11:00	11/12/21 21:50	500
Toluene	61.4	*- B	0.994		mg/Kg		11/10/21 11:00	11/12/21 21:50	500
Ethylbenzene	74.1	B	0.994		mg/Kg		11/10/21 11:00	11/12/21 21:50	500
m-Xylene & p-Xylene	213	B	1.99		mg/Kg		11/10/21 11:00	11/12/21 21:50	500
o-Xylene	<0.994	U	0.994		mg/Kg		11/10/21 11:00	11/12/21 21:50	500
Xylenes, Total	213	B	1.99		mg/Kg		11/10/21 11:00	11/12/21 21:50	500

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P161

Lab Sample ID: 890-1553-55

Date Collected: 11/09/21 13:45

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	215	S1+	70 - 130	11/10/21 11:00	11/12/21 21:50	500
1,4-Difluorobenzene (Surr)	109		70 - 130	11/10/21 11:00	11/12/21 21:50	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	414		1.99		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	25200		250		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	8670		250		mg/Kg		11/11/21 14:38	11/13/21 05:48	5
Diesel Range Organics (Over C10-C28)	14900		250		mg/Kg		11/11/21 14:38	11/13/21 05:48	5
Oil Range Organics (Over C28-C36)	1610		250		mg/Kg		11/11/21 14:38	11/13/21 05:48	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	206	S1+	70 - 130				11/11/21 14:38	11/13/21 05:48	5
o-Terphenyl	126		70 - 130				11/11/21 14:38	11/13/21 05:48	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	75.1		4.95		mg/Kg			11/14/21 01:06	1

Client Sample ID: P160

Lab Sample ID: 890-1553-56

Date Collected: 11/09/21 13:50

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.00	U	1.00		mg/Kg		11/10/21 11:00	11/12/21 22:16	500
Toluene	2.38	*- B	1.00		mg/Kg		11/10/21 11:00	11/12/21 22:16	500
Ethylbenzene	17.7	B	1.00		mg/Kg		11/10/21 11:00	11/12/21 22:16	500
m-Xylene & p-Xylene	<2.00	U	2.00		mg/Kg		11/10/21 11:00	11/12/21 22:16	500
o-Xylene	<1.00	U	1.00		mg/Kg		11/10/21 11:00	11/12/21 22:16	500
Xylenes, Total	<2.00	U	2.00		mg/Kg		11/10/21 11:00	11/12/21 22:16	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				11/10/21 11:00	11/12/21 22:16	500
1,4-Difluorobenzene (Surr)	94		70 - 130				11/10/21 11:00	11/12/21 22:16	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	20.1		2.00		mg/Kg			11/16/21 14:17	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P160

Lab Sample ID: 890-1553-56

Date Collected: 11/09/21 13:50

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	321		49.8		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		11/11/21 14:38	11/12/21 22:52	1
Diesel Range Organics (Over C10-C28)	321		49.8		mg/Kg		11/11/21 14:38	11/12/21 22:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/11/21 14:38	11/12/21 22:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				11/11/21 14:38	11/12/21 22:52	1
o-Terphenyl	100		70 - 130				11/11/21 14:38	11/12/21 22:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	83.2		4.99		mg/Kg			11/14/21 01:14	1

Client Sample ID: P159

Lab Sample ID: 890-1553-57

Date Collected: 11/09/21 13:55

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.01	U	1.01		mg/Kg		11/10/21 11:00	11/12/21 22:44	500
Toluene	12.4	*- B	1.01		mg/Kg		11/10/21 11:00	11/12/21 22:44	500
Ethylbenzene	11.9	B	1.01		mg/Kg		11/10/21 11:00	11/12/21 22:44	500
m-Xylene & p-Xylene	26.7	B	2.02		mg/Kg		11/10/21 11:00	11/12/21 22:44	500
o-Xylene	4.10	B	1.01		mg/Kg		11/10/21 11:00	11/12/21 22:44	500
Xylenes, Total	30.8	B	2.02		mg/Kg		11/10/21 11:00	11/12/21 22:44	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				11/10/21 11:00	11/12/21 22:44	500
1,4-Difluorobenzene (Surr)	97		70 - 130				11/10/21 11:00	11/12/21 22:44	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	55.1		2.02		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	5050		49.9		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	821		49.9		mg/Kg		11/11/21 14:38	11/13/21 06:09	1
Diesel Range Organics (Over C10-C28)	3820		49.9		mg/Kg		11/11/21 14:38	11/13/21 06:09	1
Oil Range Organics (Over C28-C36)	405		49.9		mg/Kg		11/11/21 14:38	11/13/21 06:09	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P159

Lab Sample ID: 890-1553-57

Date Collected: 11/09/21 13:55

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	136	S1+	70 - 130	11/11/21 14:38	11/13/21 06:09	1
o-Terphenyl	117		70 - 130	11/11/21 14:38	11/13/21 06:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	73.7		4.96		mg/Kg			11/14/21 01:21	1

Client Sample ID: P158

Lab Sample ID: 890-1553-58

Date Collected: 11/09/21 14:00

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	39.3	B	0.996		mg/Kg		11/10/21 11:00	11/12/21 23:12	500
Toluene	184	*- B	0.996		mg/Kg		11/10/21 11:00	11/12/21 23:12	500
Ethylbenzene	56.0	B	0.996		mg/Kg		11/10/21 11:00	11/12/21 23:12	500
m-Xylene & p-Xylene	174	B	1.99		mg/Kg		11/10/21 11:00	11/12/21 23:12	500
o-Xylene	5.20	B	0.996		mg/Kg		11/10/21 11:00	11/12/21 23:12	500
Xylenes, Total	179	B	1.99		mg/Kg		11/10/21 11:00	11/12/21 23:12	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	155	S1+	70 - 130	11/10/21 11:00	11/12/21 23:12	500
1,4-Difluorobenzene (Surr)	99		70 - 130	11/10/21 11:00	11/12/21 23:12	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	459		1.99		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	19500		250		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	6980		250		mg/Kg		11/11/21 14:38	11/13/21 06:30	5
Diesel Range Organics (Over C10-C28)	11300		250		mg/Kg		11/11/21 14:38	11/13/21 06:30	5
Oil Range Organics (Over C28-C36)	1200		250		mg/Kg		11/11/21 14:38	11/13/21 06:30	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	191	S1+	70 - 130	11/11/21 14:38	11/13/21 06:30	5
o-Terphenyl	128		70 - 130	11/11/21 14:38	11/13/21 06:30	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	90.0		4.95		mg/Kg			11/14/21 01:28	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P157

Lab Sample ID: 890-1553-59

Date Collected: 11/09/21 14:05

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	19.6	B	1.00		mg/Kg		11/10/21 11:00	11/12/21 23:40	500
Toluene	110	*- B	1.00		mg/Kg		11/10/21 11:00	11/12/21 23:40	500
Ethylbenzene	38.9	B	1.00		mg/Kg		11/10/21 11:00	11/12/21 23:40	500
m-Xylene & p-Xylene	117	B	2.00		mg/Kg		11/10/21 11:00	11/12/21 23:40	500
o-Xylene	7.07	B	1.00		mg/Kg		11/10/21 11:00	11/12/21 23:40	500
Xylenes, Total	124	B	2.00		mg/Kg		11/10/21 11:00	11/12/21 23:40	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	151	S1+	70 - 130	11/10/21 11:00	11/12/21 23:40	500
1,4-Difluorobenzene (Surr)	88		70 - 130	11/10/21 11:00	11/12/21 23:40	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	293		2.00		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	16100		249		mg/Kg			11/11/21 15:24	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	5830		249		mg/Kg		11/11/21 14:38	11/13/21 06:55	5
Diesel Range Organics (Over C10-C28)	9270		249		mg/Kg		11/11/21 14:38	11/13/21 06:55	5
Oil Range Organics (Over C28-C36)	1020		249		mg/Kg		11/11/21 14:38	11/13/21 06:55	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	180	S1+	70 - 130	11/11/21 14:38	11/13/21 06:55	5
o-Terphenyl	129		70 - 130	11/11/21 14:38	11/13/21 06:55	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68.1		5.00		mg/Kg			11/14/21 01:36	1

Client Sample ID: P201

Lab Sample ID: 890-1553-60

Date Collected: 11/09/21 14:10

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	158		10.0		mg/Kg		11/15/21 10:53	11/16/21 15:46	5000
Toluene	676		10.0		mg/Kg		11/15/21 10:53	11/16/21 15:46	5000
Ethylbenzene	197		10.0		mg/Kg		11/15/21 10:53	11/16/21 15:46	5000
m-Xylene & p-Xylene	493		20.0		mg/Kg		11/15/21 10:53	11/16/21 15:46	5000
o-Xylene	181		10.0		mg/Kg		11/15/21 10:53	11/16/21 15:46	5000
Xylenes, Total	<2.01	U	2.01		mg/Kg		11/10/21 11:00	11/13/21 00:07	500

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P201

Lab Sample ID: 890-1553-60

Date Collected: 11/09/21 14:10

Matrix: Solid

Date Received: 11/09/21 15:54

Sample Depth: 3

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				11/15/21 10:53	11/16/21 15:46	5000
1,4-Difluorobenzene (Surr)	90		70 - 130				11/15/21 10:53	11/16/21 15:46	5000
Method: Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1710		20.0		mg/Kg			11/16/21 14:17	1
Method: 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	35400		249		mg/Kg			11/11/21 15:24	1
Method: 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	15200		249		mg/Kg		11/11/21 14:38	11/13/21 07:17	5
Diesel Range Organics (Over C10-C28)	18300		249		mg/Kg		11/11/21 14:38	11/13/21 07:17	5
Oil Range Organics (Over C28-C36)	1890		249		mg/Kg		11/11/21 14:38	11/13/21 07:17	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	240	S1+	70 - 130				11/11/21 14:38	11/13/21 07:17	5
o-Terphenyl	134	S1+	70 - 130				11/11/21 14:38	11/13/21 07:17	5
Method: 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	57.5		4.95		mg/Kg			11/14/21 01:43	1

Surrogate Summary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-8081-A-83-I MS	Matrix Spike	13 S1-	12 S1-
880-8081-A-83-J MSD	Matrix Spike Duplicate	96	122
880-8100-A-21-A MS	Matrix Spike	113	102
880-8100-A-21-B MSD	Matrix Spike Duplicate	117	104
880-8125-A-1-E MS	Matrix Spike	109	109
880-8125-A-1-F MSD	Matrix Spike Duplicate	110	110
880-8260-A-1-A MS	Matrix Spike	91	89
880-8260-A-1-B MSD	Matrix Spike Duplicate	110	106
890-1552-A-1-F MS	Matrix Spike	116	100
890-1552-A-1-G MSD	Matrix Spike Duplicate	115	105
890-1553-1	P200	111	41 S1-
890-1553-2	P199	89	47 S1-
890-1553-3	P198	75	44 S1-
890-1553-4	P197	88	58 S1-
890-1553-5	P196	85	53 S1-
890-1553-6	P195	113	95
890-1553-7	P193	96	87
890-1553-8	P192	108	96
890-1553-9	P191	92	83
890-1553-10	P190	94	86
890-1553-11	P48	70	43 S1-
890-1553-12	P47	78	52 S1-
890-1553-13	P46	84	57 S1-
890-1553-14	P45	119	97
890-1553-15	P44	108	86
890-1553-16	P43	137 S1+	114
890-1553-17	P42	111	91
890-1553-18	P41	94	86
890-1553-19	P40	92	80
890-1553-20	P39	97	86
890-1553-21	P38	118	84
890-1553-21 MS	P38	129	87
890-1553-21 MSD	P38	127	91
890-1553-22	P37	113	97
890-1553-23	P36	134 S1+	104
890-1553-24	P99	178 S1+	80
890-1553-25	P98	505 S1+	72
890-1553-26	P97	205 S1+	114
890-1553-27	P96	131 S1+	45 S1-
890-1553-28	P95	194 S1+	131 S1+
890-1553-29	P94	109	42 S1-
890-1553-30	P93	55 S1-	109
890-1553-31	P92	43 S1-	78
890-1553-32	P91	291 S1+	97
890-1553-33	P90	463 S1+	130
890-1553-34	P89	395 S1+	118
890-1553-35	P88	393 S1+	117
890-1553-36	P87	136 S1+	119
890-1553-37	P133	100	88

Eurofins Xenco, Carlsbad

Surrogate Summary

Client: Resolute Compliance LLC

Job ID: 890-1553-1

Project/Site: IM Bluestem Oil

SDG: 21-9007

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
890-1553-38	P132	90	82
890-1553-39	P131	120	107
890-1553-40	P130	92	84
890-1553-41	P129	125	96
890-1553-41 MS	P129	104	107
890-1553-41 MSD	P129	134 S1+	105
890-1553-42	P128	117	106
890-1553-43	P127	160 S1+	88
890-1553-44	P126	136 S1+	89
890-1553-45	P125	149 S1+	84
890-1553-46	P124	195 S1+	91
890-1553-47	P123	125	73
890-1553-48	P122	135 S1+	107
890-1553-49	P167	205 S1+	71
890-1553-50	P166	140 S1+	74
890-1553-51	P165	175 S1+	68 S1-
890-1553-52	P164	160 S1+	97
890-1553-53	P163	177 S1+	108
890-1553-54	P162	3 S1-	81
890-1553-55	P161	215 S1+	109
890-1553-56	P160	102	94
890-1553-57	P159	116	97
890-1553-58	P158	155 S1+	99
890-1553-59	P157	151 S1+	88
890-1553-60	P201	103	90
890-1557-A-1-A MS	Matrix Spike	86	119
890-1557-A-1-B MSD	Matrix Spike Duplicate	85	116
890-1568-A-5-E MS	Matrix Spike	180 S1+	114
890-1568-A-5-F MSD	Matrix Spike Duplicate	127	102
890-1571-A-1-A MS	Matrix Spike	141 S1+	121
890-1571-A-1-B MSD	Matrix Spike Duplicate	125	103
LCS 880-11823/1-A	Lab Control Sample	106	104
LCS 880-11824/1-A	Lab Control Sample	112	102
LCS 880-11825/1-A	Lab Control Sample	109	102
LCS 880-11826/1-A	Lab Control Sample	87	116
LCS 880-11984/1-A	Lab Control Sample	83	119
LCS 880-12002/1-A	Lab Control Sample	106	108
LCS 880-12122/1-A	Lab Control Sample	85	94
LCS 880-12208/1-A	Lab Control Sample	127	110
LCS 880-12234/1-A	Lab Control Sample	94	115
LCS 880-12275/1-A	Lab Control Sample	111	95
LCS 880-12349/1-A	Lab Control Sample	108	109
LCSD 880-11824/2-A	Lab Control Sample Dup	108	101
LCSD 880-11825/2-A	Lab Control Sample Dup	115	101
LCSD 880-11826/2-A	Lab Control Sample Dup	81	117
LCSD 880-11984/2-A	Lab Control Sample Dup	89	118
LCSD 880-12002/2-A	Lab Control Sample Dup	112	100
LCSD 880-12122/2-A	Lab Control Sample Dup	106	95
LCSD 880-12208/2-A	Lab Control Sample Dup	127	114
LCSD 880-12234/2-A	Lab Control Sample Dup	99	112

Eurofins Xenco, Carlsbad

Surrogate Summary

Client: Resolute Compliance LLC

Job ID: 890-1553-1

Project/Site: IM Bluestem Oil

SDG: 21-9007

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
LCSD 880-12275/2-A	Lab Control Sample Dup	121	98
LCSD 880-12349/2-A	Lab Control Sample Dup	109	105
MB 880-11823/5-A	Method Blank	67 S1-	102
MB 880-11824/5-A	Method Blank	62 S1-	111
MB 880-11825/5-A	Method Blank	120	101
MB 880-11826/5-A	Method Blank	75	105
MB 880-11984/5-A	Method Blank	60 S1-	103
MB 880-12000/5-A	Method Blank	121	95
MB 880-12002/5-A	Method Blank	122	79
MB 880-12121/5-A	Method Blank	128	110
MB 880-12122/5-A	Method Blank	126	104
MB 880-12208/5-A	Method Blank	125	105
MB 880-12234/5-A	Method Blank	70	99
MB 880-12275/5-A	Method Blank	125	108
MB 880-12349/5-A	Method Blank	125	97
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
890-1553-A-1-A MS	890-1553-A-1-A MS		
890-1553-A-1-B MSD	890-1553-A-1-B MSD		
LCSD 880-11823/2-A	Lab Control Sample Dup		
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-8100-A-7-E MS	Matrix Spike	94	89
880-8100-A-7-F MSD	Matrix Spike Duplicate	98	93
890-1553-1	P200	103	133 S1+
890-1553-2	P199	80	84
890-1553-3	P198	70	109
890-1553-4	P197	119	71
890-1553-5	P196	85	76
890-1553-6	P195	142 S1+	88
890-1553-7	P193	101	94
890-1553-7 MS	P193	97	87
890-1553-7 MSD	P193	103	88
890-1553-8	P192	103	91

Eurofins Xenco, Carlsbad

Surrogate Summary

Client: Resolute Compliance LLC

Job ID: 890-1553-1

Project/Site: IM Bluestem Oil

SDG: 21-9007

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
890-1553-9	P191	111	91
890-1553-10	P190	107	95
890-1553-11	P48	186 S1+	148 S1+
890-1553-12	P47	177 S1+	88
890-1553-13	P46	175 S1+	128
890-1553-14	P45	129	84
890-1553-15	P44	118	90
890-1553-16	P43	127	93
890-1553-17	P42	102	90
890-1553-18	P41	120	88
890-1553-19	P40	128	96
890-1553-20	P39	111	92
890-1553-21	P38	110	122
890-1553-22	P37	98	171 S1+
890-1553-23	P36	117	124
890-1553-24	P99	91	136 S1+
890-1553-25	P98	117	151 S1+
890-1553-26	P97	108	128
890-1553-27	P96	108	129
890-1553-28	P95	641 S1+	174 S1+
890-1553-29	P94	115	166 S1+
890-1553-30	P93	90	172 S1+
890-1553-31	P92	40 S1-	158 S1+
890-1553-32	P91	235 S1+	138 S1+
890-1553-33	P90	64 S1-	143 S1+
890-1553-34	P89	52 S1-	139 S1+
890-1553-35	P88	37 S1-	111
890-1553-36	P87	115	121
890-1553-36 MS	P87	109	104
890-1553-36 MSD	P87	113	118
890-1553-37	P133	105	139 S1+
890-1553-38	P132	128	163 S1+
890-1553-39	P131	103	125
890-1553-40	P130	119	166 S1+
890-1553-41	P129	110	133 S1+
890-1553-42	P128	77	139 S1+
890-1553-43	P127	202 S1+	113
890-1553-44	P126	145 S1+	84
890-1553-45	P125	189 S1+	121
890-1553-46	P124	245 S1+	124
890-1553-47	P123	230 S1+	171 S1+
890-1553-48	P122	105	111
890-1553-49	P167	93	319 S1+
890-1553-50	P166	185 S1+	155 S1+
890-1553-51	P165	339 S1+	156 S1+
890-1553-52	P164	190 S1+	139 S1+
890-1553-53	P163	214 S1+	146 S1+
890-1553-54	P162	165 S1+	140 S1+
890-1553-55	P161	206 S1+	126
890-1553-56	P160	99	100

Eurofins Xenco, Carlsbad

Surrogate Summary

Client: Resolute Compliance LLC

Job ID: 890-1553-1

Project/Site: IM Bluestem Oil

SDG: 21-9007

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-1553-56 MS	P160	119	105
890-1553-56 MSD	P160	104	92
890-1553-57	P159	136 S1+	117
890-1553-58	P158	191 S1+	128
890-1553-59	P157	180 S1+	129
890-1553-60	P201	240 S1+	134 S1+
LCS 880-11950/2-A	Lab Control Sample	83	89
LCS 880-11999/2-A	Lab Control Sample	86	85
LCS 880-12001/2-A	Lab Control Sample	100	99
LCS 880-12042/2-A	Lab Control Sample	106	115
LCSD 880-11950/3-A	Lab Control Sample Dup	82	87
LCSD 880-11999/3-A	Lab Control Sample Dup	87	88
LCSD 880-12001/3-A	Lab Control Sample Dup	97	95
LCSD 880-12042/3-A	Lab Control Sample Dup	105	115
MB 880-11950/1-A	Method Blank	108	127
MB 880-11999/1-A	Method Blank	107	117
MB 880-12001/1-A	Method Blank	111	121
MB 880-12042/1-A	Method Blank	121	131 S1+

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-11823/5-A

Matrix: Solid

Analysis Batch: 12106

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 11823

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/10/21 11:00	11/12/21 13:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/10/21 11:00	11/12/21 13:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/10/21 11:00	11/12/21 13:38	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/10/21 11:00	11/12/21 13:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/10/21 11:00	11/12/21 13:38	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/10/21 11:00	11/12/21 13:38	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	67	S1-	70 - 130	11/10/21 11:00	11/12/21 13:38	1
1,4-Difluorobenzene (Surr)	102		70 - 130	11/10/21 11:00	11/12/21 13:38	1

Lab Sample ID: LCS 880-11823/1-A

Matrix: Solid

Analysis Batch: 12106

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 11823

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.07837		mg/Kg		78	70 - 130
Toluene	0.100	0.07457		mg/Kg		75	70 - 130
Ethylbenzene	0.100	0.08711		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	0.200	0.1864		mg/Kg		93	70 - 130
o-Xylene	0.100	0.09061		mg/Kg		91	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: LCSD 880-11823/2-A

Matrix: Solid

Analysis Batch: 12106

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 11823

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.08271		mg/Kg					
Toluene	0.100	0.07390		mg/Kg					
Ethylbenzene	0.100	0.07748		mg/Kg					
m-Xylene & p-Xylene	0.200	0.1630		mg/Kg					
o-Xylene	0.100	0.08786		mg/Kg					

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)			
1,4-Difluorobenzene (Surr)			

Lab Sample ID: 890-1553-41 MS

Matrix: Solid

Analysis Batch: 12106

Client Sample ID: P129

Prep Type: Total/NA

Prep Batch: 11823

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	433	B	0.100	602.6	4	mg/Kg		16877	70 - 130

0

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-1553-41 MS

Matrix: Solid

Analysis Batch: 12106

Client Sample ID: P129

Prep Type: Total/NA

Prep Batch: 11823

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	1330	*- B	0.100	1335	4	mg/Kg		3699	70 - 130
Ethylbenzene	330	B	0.100	504.7	4	mg/Kg		17379	70 - 130
m-Xylene & p-Xylene	1030	B	0.201	1366	4	mg/Kg		16866	70 - 130
o-Xylene	33.6	F2 B	0.100	29.23	4	mg/Kg		-4336	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	104		70 - 130						
1,4-Difluorobenzene (Surr)	107		70 - 130						

Lab Sample ID: 890-1553-41 MSD

Matrix: Solid

Analysis Batch: 12106

Client Sample ID: P129

Prep Type: Total/NA

Prep Batch: 11823

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	433	B	0.0990	799.2	4	mg/Kg		36970	70 - 130	28	35
Toluene	1330	*- B	0.0990	1691	4	mg/Kg		36256	70 - 130	23	35
Ethylbenzene	330	B	0.0990	633.9	4	mg/Kg		30665	70 - 130	23	35
m-Xylene & p-Xylene	1030	B	0.198	1641	4	mg/Kg		30976	70 - 130	18	35
o-Xylene	33.6	F2 B	0.0990	318.7	4 F2	mg/Kg		28797	70 - 130	166	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130								
1,4-Difluorobenzene (Surr)	105		70 - 130								

Lab Sample ID: MB 880-11824/5-A

Matrix: Solid

Analysis Batch: 11888

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 11824

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/10/21 09:30	11/10/21 12:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/10/21 09:30	11/10/21 12:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/10/21 09:30	11/10/21 12:41	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/10/21 09:30	11/10/21 12:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/10/21 09:30	11/10/21 12:41	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/10/21 09:30	11/10/21 12:41	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	62	S1-	70 - 130				11/10/21 09:30	11/10/21 12:41	1
1,4-Difluorobenzene (Surr)	111		70 - 130				11/10/21 09:30	11/10/21 12:41	1

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-11824/1-A

Matrix: Solid

Analysis Batch: 11888

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 11824

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09671		mg/Kg		97	70 - 130
Toluene	0.100	0.1024		mg/Kg		102	70 - 130
Ethylbenzene	0.100	0.1078		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2145		mg/Kg		107	70 - 130
o-Xylene	0.100	0.1036		mg/Kg		104	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-11824/2-A

Matrix: Solid

Analysis Batch: 11888

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 11824

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.09531		mg/Kg		95	70 - 130	1	35
Toluene	0.100	0.1010		mg/Kg		101	70 - 130	1	35
Ethylbenzene	0.100	0.1067		mg/Kg		107	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2085		mg/Kg		104	70 - 130	3	35
o-Xylene	0.100	0.1005		mg/Kg		100	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-8100-A-21-A MS

Matrix: Solid

Analysis Batch: 11888

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 11824

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U	0.0998	0.08923		mg/Kg		89	70 - 130
Toluene	<0.00200	U	0.0998	0.09624		mg/Kg		95	70 - 130
Ethylbenzene	<0.00200	U	0.0998	0.1020		mg/Kg		102	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1997		mg/Kg		99	70 - 130
o-Xylene	<0.00200	U	0.0998	0.09858		mg/Kg		98	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-8100-A-21-B MSD

Matrix: Solid

Analysis Batch: 11888

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 11824

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08626		mg/Kg		86	70 - 130	3	35
Toluene	<0.00200	U	0.100	0.09392		mg/Kg		93	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.100	0.09454		mg/Kg		95	70 - 130	8	35

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-8100-A-21-B MSD

Matrix: Solid

Analysis Batch: 11888

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 11824

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1841		mg/Kg		91	70 - 130	8	35
o-Xylene	<0.00200	U	0.100	0.08863		mg/Kg		88	70 - 130	11	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	117		70 - 130								
1,4-Difluorobenzene (Surr)	104		70 - 130								

Lab Sample ID: MB 880-11825/5-A

Matrix: Solid

Analysis Batch: 11888

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 11825

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/10/21 10:30	11/11/21 00:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/10/21 10:30	11/11/21 00:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/10/21 10:30	11/11/21 00:14	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/10/21 10:30	11/11/21 00:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/10/21 10:30	11/11/21 00:14	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/10/21 10:30	11/11/21 00:14	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				11/10/21 10:30	11/11/21 00:14	1
1,4-Difluorobenzene (Surr)	101		70 - 130				11/10/21 10:30	11/11/21 00:14	1

Lab Sample ID: LCS 880-11825/1-A

Matrix: Solid

Analysis Batch: 11888

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 11825

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	0.100	0.08782		mg/Kg		88	70 - 130		
Toluene	0.100	0.1006		mg/Kg		101	70 - 130		
Ethylbenzene	0.100	0.09894		mg/Kg		99	70 - 130		
m-Xylene & p-Xylene	0.200	0.1973		mg/Kg		99	70 - 130		
o-Xylene	0.100	0.09968		mg/Kg		100	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	109		70 - 130						
1,4-Difluorobenzene (Surr)	102		70 - 130						

Lab Sample ID: LCSD 880-11825/2-A

Matrix: Solid

Analysis Batch: 11888

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 11825

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.09051		mg/Kg		91	70 - 130	3	35
Toluene	0.100	0.09825		mg/Kg		98	70 - 130	2	35
Ethylbenzene	0.100	0.1006		mg/Kg		101	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.1980		mg/Kg		99	70 - 130	0	35
o-Xylene	0.100	0.1004		mg/Kg		100	70 - 130	1	35

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 890-1553-A-1-B MSD

Matrix: Solid

Analysis Batch: 11888

Client Sample ID: 890-1553-A-1-B MSD

Prep Type: Total/NA

Prep Batch: 11825

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)			
1,4-Difluorobenzene (Surr)			

Lab Sample ID: MB 880-11826/5-A

Matrix: Solid

Analysis Batch: 11964

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 11826

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00200	U	0.00200		mg/Kg		11/10/21 11:00	11/10/21 20:18	1	
Toluene	<0.00200	U	0.00200		mg/Kg		11/10/21 11:00	11/10/21 20:18	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/10/21 11:00	11/10/21 20:18	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/10/21 11:00	11/10/21 20:18	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/10/21 11:00	11/10/21 20:18	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/10/21 11:00	11/10/21 20:18	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac				
4-Bromofluorobenzene (Surr)	75		70 - 130	11/10/21 11:00	11/10/21 20:18	1				
1,4-Difluorobenzene (Surr)	105		70 - 130	11/10/21 11:00	11/10/21 20:18	1				

Lab Sample ID: LCS 880-11826/1-A

Matrix: Solid

Analysis Batch: 11964

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 11826

	Spike	LCS	LCS						%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Benzene	0.100	0.1012		mg/Kg		101	70 - 130			
Toluene	0.100	0.08686		mg/Kg		87	70 - 130			
Ethylbenzene	0.100	0.09084		mg/Kg		91	70 - 130			
m-Xylene & p-Xylene	0.200	0.1982		mg/Kg		99	70 - 130			
o-Xylene	0.100	0.1002		mg/Kg		100	70 - 130			

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	87		70 - 130
1,4-Difluorobenzene (Surr)	116		70 - 130

Lab Sample ID: LCSD 880-11826/2-A

Matrix: Solid

Analysis Batch: 11964

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 11826

	Spike	LCSD	LCSD						%Rec.	RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit		
Benzene	0.100	0.1056		mg/Kg		106	70 - 130	4	35		
Toluene	0.100	0.08632		mg/Kg		86	70 - 130	1	35		
Ethylbenzene	0.100	0.09017		mg/Kg		90	70 - 130	1	35		
m-Xylene & p-Xylene	0.200	0.1973		mg/Kg		99	70 - 130	0	35		

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-11826/2-A

Matrix: Solid

Analysis Batch: 11964

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 11826

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
o-Xylene	0.100	0.09960		mg/Kg		100	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	81		70 - 130
1,4-Difluorobenzene (Surr)	117		70 - 130

Lab Sample ID: 890-1553-21 MS

Matrix: Solid

Analysis Batch: 11964

Client Sample ID: P38

Prep Type: Total/NA

Prep Batch: 11826

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.614		0.0992	3.776	4	mg/Kg		3188	70 - 130		
Toluene	3.20		0.0992	4.437	4	mg/Kg		1249	70 - 130		
Ethylbenzene	1.37		0.0992	4.166	4	mg/Kg		2822	70 - 130		
m-Xylene & p-Xylene	4.94		0.198	10.49	4	mg/Kg		2795	70 - 130		
o-Xylene	0.206	F1	0.0992	3.742	F1	mg/Kg		3564	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	129		70 - 130
1,4-Difluorobenzene (Surr)	87		70 - 130

Lab Sample ID: 890-1553-21 MSD

Matrix: Solid

Analysis Batch: 11964

Client Sample ID: P38

Prep Type: Total/NA

Prep Batch: 11826

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.614		0.0996	3.921	4	mg/Kg		3320	70 - 130	4	35
Toluene	3.20		0.0996	3.988	4	mg/Kg		793	70 - 130	11	35
Ethylbenzene	1.37		0.0996	4.317	4	mg/Kg		2962	70 - 130	4	35
m-Xylene & p-Xylene	4.94		0.199	10.17	4	mg/Kg		2623	70 - 130	3	35
o-Xylene	0.206	F1	0.0996	3.754	F1	mg/Kg		3562	70 - 130	0	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	127		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: 890-1553-A-1-A MS

Matrix: Solid

Analysis Batch: 11888

Client Sample ID: 890-1553-A-1-A MS

Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)			
1,4-Difluorobenzene (Surr)			

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-11984/5-A

Matrix: Solid

Analysis Batch: 11985

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 11984

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/11/21 07:52	11/11/21 13:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/11/21 07:52	11/11/21 13:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/11/21 07:52	11/11/21 13:05	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/11/21 07:52	11/11/21 13:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/11/21 07:52	11/11/21 13:05	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/11/21 07:52	11/11/21 13:05	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	60	S1-	70 - 130	11/11/21 07:52	11/11/21 13:05	1
1,4-Difluorobenzene (Surr)	103		70 - 130	11/11/21 07:52	11/11/21 13:05	1

Lab Sample ID: LCS 880-11984/1-A

Matrix: Solid

Analysis Batch: 11985

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 11984

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09527		mg/Kg		95	70 - 130
Toluene	0.100	0.07811		mg/Kg		78	70 - 130
Ethylbenzene	0.100	0.08233		mg/Kg		82	70 - 130
m-Xylene & p-Xylene	0.200	0.1779		mg/Kg		89	70 - 130
o-Xylene	0.100	0.08999		mg/Kg		90	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	83		70 - 130
1,4-Difluorobenzene (Surr)	119		70 - 130

Lab Sample ID: LCSD 880-11984/2-A

Matrix: Solid

Analysis Batch: 11985

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 11984

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.1004		mg/Kg		100	70 - 130	5	35
Toluene	0.100	0.07784		mg/Kg		78	70 - 130	0	35
Ethylbenzene	0.100	0.08568		mg/Kg		86	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.1845		mg/Kg		92	70 - 130	4	35
o-Xylene	0.100	0.09405		mg/Kg		94	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		70 - 130
1,4-Difluorobenzene (Surr)	118		70 - 130

Lab Sample ID: 890-1557-A-1-B MSD

Matrix: Solid

Analysis Batch: 11985

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 11984

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0994	0.09769		mg/Kg					
Toluene	<0.00200	U	0.0994	0.07506		mg/Kg					

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-1557-A-1-B MSD

Matrix: Solid

Analysis Batch: 11985

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 11984

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylbenzene	<0.00200	U	0.0994	0.07663		mg/Kg					
m-Xylene & p-Xylene	<0.00400	U	0.199	0.1771		mg/Kg					
o-Xylene	<0.00200	U	0.0994	0.01040		mg/Kg					

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	85		70 - 130
1,4-Difluorobenzene (Surr)	116		70 - 130

Lab Sample ID: 890-1557-A-1-A MS

Matrix: Solid

Analysis Batch: 11985

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	86		70 - 130
1,4-Difluorobenzene (Surr)	119		70 - 130

Lab Sample ID: MB 880-12000/5-A

Matrix: Solid

Analysis Batch: 12003

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12000

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/11/21 09:53	11/11/21 13:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/11/21 09:53	11/11/21 13:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/11/21 09:53	11/11/21 13:58	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/11/21 09:53	11/11/21 13:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/11/21 09:53	11/11/21 13:58	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/11/21 09:53	11/11/21 13:58	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	11/11/21 09:53	11/11/21 13:58	1
1,4-Difluorobenzene (Surr)	95		70 - 130	11/11/21 09:53	11/11/21 13:58	1

Lab Sample ID: MB 880-12002/5-A

Matrix: Solid

Analysis Batch: 12003

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12002

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/11/21 10:12	11/12/21 05:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/11/21 10:12	11/12/21 05:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/11/21 10:12	11/12/21 05:01	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/11/21 10:12	11/12/21 05:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/11/21 10:12	11/12/21 05:01	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/11/21 10:12	11/12/21 05:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	11/11/21 10:12	11/12/21 05:01	1
1,4-Difluorobenzene (Surr)	79		70 - 130	11/11/21 10:12	11/12/21 05:01	1

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-12002/1-A

Matrix: Solid

Analysis Batch: 12003

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12002

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08924		mg/Kg		89	70 - 130
Toluene	0.100	0.07897		mg/Kg		79	70 - 130
Ethylbenzene	0.100	0.08365		mg/Kg		84	70 - 130
m-Xylene & p-Xylene	0.200	0.1677		mg/Kg		84	70 - 130
o-Xylene	0.100	0.08780		mg/Kg		88	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: LCSD 880-12002/2-A

Matrix: Solid

Analysis Batch: 12003

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 12002

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.08813		mg/Kg		88	70 - 130	1	35
Toluene	0.100	0.08295		mg/Kg		83	70 - 130	5	35
Ethylbenzene	0.100	0.08777		mg/Kg		88	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1804		mg/Kg		90	70 - 130	7	35
o-Xylene	0.100	0.09155		mg/Kg		92	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-8125-A-1-E MS

Matrix: Solid

Analysis Batch: 12003

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 12002

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00198	U	0.100	0.08581		mg/Kg		85	70 - 130
Toluene	<0.00198	U	0.100	0.07774		mg/Kg		77	70 - 130
Ethylbenzene	<0.00198	U	0.100	0.08333		mg/Kg		83	70 - 130
m-Xylene & p-Xylene	<0.00397	U	0.201	0.1671		mg/Kg		83	70 - 130
o-Xylene	<0.00198	U	0.100	0.08378		mg/Kg		82	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: 880-8125-A-1-F MSD

Matrix: Solid

Analysis Batch: 12003

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 12002

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.0990	0.09638		mg/Kg		96	70 - 130	12	35
Toluene	<0.00198	U	0.0990	0.08970		mg/Kg		90	70 - 130	14	35
Ethylbenzene	<0.00198	U	0.0990	0.09377		mg/Kg		95	70 - 130	12	35

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-8125-A-1-F MSD

Matrix: Solid

Analysis Batch: 12003

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 12002

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00397	U	0.198	0.1885		mg/Kg		95	70 - 130	12	35
o-Xylene	<0.00198	U	0.0990	0.09553		mg/Kg		95	70 - 130	13	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	110		70 - 130								
1,4-Difluorobenzene (Surr)	110		70 - 130								

Lab Sample ID: MB 880-12121/5-A

Matrix: Solid

Analysis Batch: 12115

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12121

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/12/21 11:20	11/13/21 02:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/12/21 11:20	11/13/21 02:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/12/21 11:20	11/13/21 02:37	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/12/21 11:20	11/13/21 02:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/12/21 11:20	11/13/21 02:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/12/21 11:20	11/13/21 02:37	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				11/12/21 11:20	11/13/21 02:37	1
1,4-Difluorobenzene (Surr)	110		70 - 130				11/12/21 11:20	11/13/21 02:37	1

Lab Sample ID: MB 880-12122/5-A

Matrix: Solid

Analysis Batch: 12115

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12122

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/12/21 11:23	11/13/21 14:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/12/21 11:23	11/13/21 14:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/12/21 11:23	11/13/21 14:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/12/21 11:23	11/13/21 14:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/12/21 11:23	11/13/21 14:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/12/21 11:23	11/13/21 14:11	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				11/12/21 11:23	11/13/21 14:11	1
1,4-Difluorobenzene (Surr)	104		70 - 130				11/12/21 11:23	11/13/21 14:11	1

Lab Sample ID: LCS 880-12122/1-A

Matrix: Solid

Analysis Batch: 12115

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12122

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08522		mg/Kg		85	70 - 130
Toluene	0.100	0.07915		mg/Kg		79	70 - 130
Ethylbenzene	0.100	0.09654		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	0.200	0.09646	*	mg/Kg		48	70 - 130

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-12122/1-A

Matrix: Solid

Analysis Batch: 12115

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12122

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
o-Xylene	0.100	0.08188		mg/Kg		82	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	85		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: LCSD 880-12122/2-A

Matrix: Solid

Analysis Batch: 12115

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 12122

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.07539		mg/Kg		75	70 - 130	12	35
Toluene	0.100	0.07877		mg/Kg		79	70 - 130	0	35
Ethylbenzene	0.100	0.09007		mg/Kg		90	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.1650	*1	mg/Kg		82	70 - 130	52	35
o-Xylene	0.100	0.08291		mg/Kg		83	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 880-8260-A-1-A MS

Matrix: Solid

Analysis Batch: 12115

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 12122

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U F2 F1	0.101	0.01530	F1	mg/Kg		15	70 - 130
Toluene	<0.00199	U F1	0.101	0.01698	F1	mg/Kg		17	70 - 130
Ethylbenzene	<0.00199	U F1	0.101	0.009550	F1	mg/Kg		9	70 - 130
m-Xylene & p-Xylene	<0.00398	U F1 *- *1	0.202	0.01968	F1	mg/Kg		10	70 - 130
o-Xylene	<0.00199	U F2 F1	0.101	0.01673	F1	mg/Kg		17	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: 880-8260-A-1-B MSD

Matrix: Solid

Analysis Batch: 12115

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 12122

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U F2 F1	0.0990	0.03370	F2 F1	mg/Kg		34	70 - 130	75	35
Toluene	<0.00199	U F1	0.0990	0.02182	F1	mg/Kg		22	70 - 130	25	35
Ethylbenzene	<0.00199	U F1	0.0990	0.01281	F1	mg/Kg		13	70 - 130	29	35
m-Xylene & p-Xylene	<0.00398	U F1 *- *1	0.198	0.02588	F1	mg/Kg		13	70 - 130	27	35
o-Xylene	<0.00199	U F2 F1	0.0990	0.01129	F2 F1	mg/Kg		11	70 - 130	39	35

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-8260-A-1-B MSD

Matrix: Solid

Analysis Batch: 12115

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 12122

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: MB 880-12208/5-A

Matrix: Solid

Analysis Batch: 12216

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12208

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/15/21 08:00	11/15/21 11:28	1	
Toluene	<0.00200	U	0.00200		mg/Kg		11/15/21 08:00	11/15/21 11:28	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/15/21 08:00	11/15/21 11:28	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/15/21 08:00	11/15/21 11:28	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/15/21 08:00	11/15/21 11:28	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/15/21 08:00	11/15/21 11:28	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				11/15/21 08:00	11/15/21 11:28	1	
1,4-Difluorobenzene (Surr)	105		70 - 130				11/15/21 08:00	11/15/21 11:28	1	

Lab Sample ID: LCS 880-12208/1-A

Matrix: Solid

Analysis Batch: 12216

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12208

	Spike	LCS	LCS						%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Benzene	0.100	0.1148		mg/Kg		115	70 - 130			
Toluene	0.100	0.1202		mg/Kg		120	70 - 130			
Ethylbenzene	0.100	0.1224		mg/Kg		122	70 - 130			
m-Xylene & p-Xylene	0.200	0.2455		mg/Kg		123	70 - 130			
o-Xylene	0.100	0.1160		mg/Kg		116	70 - 130			
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	127		70 - 130							
1,4-Difluorobenzene (Surr)	110		70 - 130							

Lab Sample ID: LCSD 880-12208/2-A

Matrix: Solid

Analysis Batch: 12216

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 12208

			Spike	LCSD	LCSD				%Rec.	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene			0.100	0.1093		mg/Kg		109	70 - 130	5	35
Toluene			0.100	0.1080		mg/Kg		108	70 - 130	11	35
Ethylbenzene			0.100	0.1165		mg/Kg		116	70 - 130	5	35
m-Xylene & p-Xylene			0.200	0.2185		mg/Kg		109	70 - 130	12	35
o-Xylene			0.100	0.1047		mg/Kg		105	70 - 130	10	35
			LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	127		70 - 130								

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-12208/2-A

Matrix: Solid

Analysis Batch: 12216

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 12208

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Difluorobenzene (Surr)	114		70 - 130

Lab Sample ID: 890-1571-A-1-B MSD

Matrix: Solid

Analysis Batch: 12216

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 12208

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.0996	0.09691		mg/Kg					
Toluene	<0.00198	U	0.0996	0.1027		mg/Kg					
Ethylbenzene	<0.00198	U	0.0996	0.1034		mg/Kg					
m-Xylene & p-Xylene	<0.00396	U	0.199	0.1970		mg/Kg					
o-Xylene	<0.00198	U	0.0996	0.09744		mg/Kg					

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	125		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 890-1571-A-1-A MS

Matrix: Solid

Analysis Batch: 12216

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130
1,4-Difluorobenzene (Surr)	121		70 - 130

Lab Sample ID: MB 880-12234/5-A

Matrix: Solid

Analysis Batch: 12412

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12234

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/15/21 09:39	11/16/21 12:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/15/21 09:39	11/16/21 12:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/15/21 09:39	11/16/21 12:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/15/21 09:39	11/16/21 12:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/15/21 09:39	11/16/21 12:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/15/21 09:39	11/16/21 12:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	70		70 - 130	11/15/21 09:39	11/16/21 12:20	1
1,4-Difluorobenzene (Surr)	99		70 - 130	11/15/21 09:39	11/16/21 12:20	1

Lab Sample ID: LCS 880-12234/1-A

Matrix: Solid

Analysis Batch: 12412

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12234

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1066		mg/Kg		107	70 - 130
Toluene	0.100	0.08733		mg/Kg		87	70 - 130

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-12234/1-A

Matrix: Solid

Analysis Batch: 12412

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12234

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	0.100	0.09504		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	0.200	0.2099		mg/Kg		105	70 - 130
o-Xylene	0.100	0.1001		mg/Kg		100	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	115		70 - 130

Lab Sample ID: LCSD 880-12234/2-A

Matrix: Solid

Analysis Batch: 12412

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 12234

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.1039		mg/Kg		104	70 - 130	3	35
Toluene	0.100	0.09201		mg/Kg		92	70 - 130	5	35
Ethylbenzene	0.100	0.09471		mg/Kg		95	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2076		mg/Kg		104	70 - 130	1	35
o-Xylene	0.100	0.09912		mg/Kg		99	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: 880-8081-A-83-I MS

Matrix: Solid

Analysis Batch: 12412

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 12234

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U F2 F1	0.0996	0.007409	F1	mg/Kg		7	70 - 130
Toluene	<0.00200	U F2 F1	0.0996	0.01554	F1	mg/Kg		16	70 - 130
Ethylbenzene	<0.00200	U F2 F1	0.0996	0.01812	F1	mg/Kg		18	70 - 130
m-Xylene & p-Xylene	<0.00401	U F2 F1	0.199	0.04495	F1	mg/Kg		23	70 - 130
o-Xylene	<0.00200	U F2 F1	0.0996	0.003609	F1	mg/Kg		4	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	13	S1-	70 - 130
1,4-Difluorobenzene (Surr)	12	S1-	70 - 130

Lab Sample ID: 880-8081-A-83-J MSD

Matrix: Solid

Analysis Batch: 12412

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 12234

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	<0.00200	U F2 F1	0.0994	0.06144	F2 F1	mg/Kg		62	70 - 130	157	35
Toluene	<0.00200	U F2 F1	0.0994	0.05174	F2 F1	mg/Kg		52	70 - 130	108	35
Ethylbenzene	<0.00200	U F2 F1	0.0994	0.04817	F2 F1	mg/Kg		48	70 - 130	91	35
m-Xylene & p-Xylene	<0.00401	U F2 F1	0.199	0.1089	F2 F1	mg/Kg		55	70 - 130	83	35
o-Xylene	<0.00200	U F2 F1	0.0994	0.05635	F2 F1	mg/Kg		57	70 - 130	176	35

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	122		70 - 130

Lab Sample ID: MB 880-12275/5-A

Matrix: Solid

Analysis Batch: 12413

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12275

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/15/21 10:53	11/16/21 12:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/15/21 10:53	11/16/21 12:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/15/21 10:53	11/16/21 12:14	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/15/21 10:53	11/16/21 12:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/15/21 10:53	11/16/21 12:14	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/15/21 10:53	11/16/21 12:14	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	125		70 - 130	11/15/21 10:53	11/16/21 12:14	1			
1,4-Difluorobenzene (Surr)	108		70 - 130	11/15/21 10:53	11/16/21 12:14	1			

Lab Sample ID: LCS 880-12275/1-A

Matrix: Solid

Analysis Batch: 12413

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12275

	Spike	LCS	LCS					%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Benzene	0.100	0.08564		mg/Kg		86	70 - 130		
Toluene	0.100	0.08933		mg/Kg		89	70 - 130		
Ethylbenzene	0.100	0.09956		mg/Kg		100	70 - 130		
m-Xylene & p-Xylene	0.200	0.1887		mg/Kg		94	70 - 130		
o-Xylene	0.100	0.09021		mg/Kg		90	70 - 130		

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-12275/2-A

Matrix: Solid

Analysis Batch: 12413

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 12275

	Spike	LCSD	LCSD					%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.09333		mg/Kg		93	70 - 130	9	35	
Toluene	0.100	0.1017		mg/Kg		102	70 - 130	13	35	
Ethylbenzene	0.100	0.1012		mg/Kg		101	70 - 130	2	35	
m-Xylene & p-Xylene	0.200	0.2020		mg/Kg		101	70 - 130	7	35	
o-Xylene	0.100	0.09711		mg/Kg		97	70 - 130	7	35	

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	121		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-1568-A-5-E MS

Matrix: Solid

Analysis Batch: 12413

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 12275

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00198	U F2	0.101	0.1033		mg/Kg		102	70 - 130
Toluene	<0.00198	U F2 F1	0.101	0.1733	F1	mg/Kg		171	70 - 130
Ethylbenzene	<0.00198	U F2	0.101	0.1068		mg/Kg		106	70 - 130
m-Xylene & p-Xylene	<0.00397	U F1	0.202	0.1796		mg/Kg		89	70 - 130
o-Xylene	<0.00198	U F2 F1	0.101	0.1016		mg/Kg		100	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	180	S1+	70 - 130
1,4-Difluorobenzene (Surr)	114		70 - 130

Lab Sample ID: 890-1568-A-5-F MSD

Matrix: Solid

Analysis Batch: 12413

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 12275

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00198	U F2	0.0998	0.07033	F2	mg/Kg		70	70 - 130	38	35
Toluene	<0.00198	U F2 F1	0.0998	0.07670	F2	mg/Kg		76	70 - 130	77	35
Ethylbenzene	<0.00198	U F2	0.0998	0.07422	F2	mg/Kg		74	70 - 130	36	35
m-Xylene & p-Xylene	<0.00397	U F1	0.200	0.1371	F1	mg/Kg		69	70 - 130	27	35
o-Xylene	<0.00198	U F2 F1	0.0998	0.04809	F2 F1	mg/Kg		47	70 - 130	71	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	127		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: MB 880-12349/5-A

Matrix: Solid

Analysis Batch: 12415

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12349

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/15/21 15:49	11/16/21 11:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/15/21 15:49	11/16/21 11:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/15/21 15:49	11/16/21 11:49	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/15/21 15:49	11/16/21 11:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/15/21 15:49	11/16/21 11:49	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/15/21 15:49	11/16/21 11:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	11/15/21 15:49	11/16/21 11:49	1
1,4-Difluorobenzene (Surr)	97		70 - 130	11/15/21 15:49	11/16/21 11:49	1

Lab Sample ID: LCS 880-12349/1-A

Matrix: Solid

Analysis Batch: 12415

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12349

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08639		mg/Kg		86	70 - 130
Toluene	0.100	0.07898		mg/Kg		79	70 - 130

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-12349/1-A

Matrix: Solid

Analysis Batch: 12415

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12349

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	0.100	0.08065		mg/Kg		81	70 - 130
m-Xylene & p-Xylene	0.200	0.1681		mg/Kg		84	70 - 130
o-Xylene	0.100	0.08216		mg/Kg		82	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: LCSD 880-12349/2-A

Matrix: Solid

Analysis Batch: 12415

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 12349

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.08951		mg/Kg		90	70 - 130	4	35
Toluene	0.100	0.07681		mg/Kg		77	70 - 130	3	35
Ethylbenzene	0.100	0.08423		mg/Kg		84	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.1763		mg/Kg		88	70 - 130	5	35
o-Xylene	0.100	0.08792		mg/Kg		88	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 890-1552-A-1-F MS

Matrix: Solid

Analysis Batch: 12415

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 12349

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00201	U	0.0992	0.09509		mg/Kg		95	70 - 130
Toluene	<0.00201	U	0.0992	0.08937		mg/Kg		89	70 - 130
Ethylbenzene	<0.00201	U	0.0992	0.09563		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.198	0.1994		mg/Kg		100	70 - 130
o-Xylene	<0.00201	U	0.0992	0.09851		mg/Kg		99	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-1552-A-1-G MSD

Matrix: Solid

Analysis Batch: 12415

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 12349

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0994	0.09193		mg/Kg		92	70 - 130	3	35
Toluene	<0.00201	U	0.0994	0.08409		mg/Kg		84	70 - 130	6	35
Ethylbenzene	<0.00201	U	0.0994	0.09000		mg/Kg		90	70 - 130	6	35
m-Xylene & p-Xylene	<0.00402	U	0.199	0.1914		mg/Kg		96	70 - 130	4	35
o-Xylene	<0.00201	U	0.0994	0.09435		mg/Kg		94	70 - 130	4	35

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-11950/1-A

Matrix: Solid

Analysis Batch: 11992

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 11950

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/10/21 14:24	11/11/21 20:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/10/21 14:24	11/11/21 20:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/10/21 14:24	11/11/21 20:42	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	11/10/21 14:24	11/11/21 20:42	1
o-Terphenyl	127		70 - 130	11/10/21 14:24	11/11/21 20:42	1

Lab Sample ID: LCS 880-11950/2-A

Matrix: Solid

Analysis Batch: 11992

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 11950

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	811.7		mg/Kg		81	70 - 130
Diesel Range Organics (Over C10-C28)	1000	865.8		mg/Kg		87	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	83		70 - 130
o-Terphenyl	89		70 - 130

Lab Sample ID: LCSD 880-11950/3-A

Matrix: Solid

Analysis Batch: 11992

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 11950

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	889.6		mg/Kg		89	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	1000	836.4		mg/Kg		84	70 - 130	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	82		70 - 130
o-Terphenyl	87		70 - 130

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-1553-7 MS

Matrix: Solid

Analysis Batch: 11992

Client Sample ID: P193

Prep Type: Total/NA

Prep Batch: 11950

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	997	1060		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1420	F1	997	1768	F1	mg/Kg		35	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	97		70 - 130						
o-Terphenyl	87		70 - 130						

Lab Sample ID: 890-1553-7 MSD

Matrix: Solid

Analysis Batch: 11992

Client Sample ID: P193

Prep Type: Total/NA

Prep Batch: 11950

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	998	1045		mg/Kg		105	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1420	F1	998	1786	F1	mg/Kg		37	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	103		70 - 130								
o-Terphenyl	88		70 - 130								

Lab Sample ID: MB 880-11999/1-A

Matrix: Solid

Analysis Batch: 11986

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 11999

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/11/21 09:47	11/11/21 18:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/11/21 09:47	11/11/21 18:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/11/21 09:47	11/11/21 18:48	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				11/11/21 09:47	11/11/21 18:48	1
o-Terphenyl	117		70 - 130				11/11/21 09:47	11/11/21 18:48	1

Lab Sample ID: LCS 880-11999/2-A

Matrix: Solid

Analysis Batch: 11986

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 11999

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1041		mg/Kg		104	70 - 130
Diesel Range Organics (Over C10-C28)	1000	797.7		mg/Kg		80	70 - 130

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-11999/2-A

Matrix: Solid

Analysis Batch: 11986

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 11999

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	86		70 - 130
o-Terphenyl	85		70 - 130

Lab Sample ID: LCSD 880-11999/3-A

Matrix: Solid

Analysis Batch: 11986

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 11999

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	975.2		mg/Kg		98	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	1000	838.9		mg/Kg		84	70 - 130	5	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	87		70 - 130
o-Terphenyl	88		70 - 130

Lab Sample ID: 880-8100-A-7-E MS

Matrix: Solid

Analysis Batch: 11986

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 11999

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	1187		mg/Kg		119	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	997	828.7		mg/Kg		79	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	94		70 - 130
o-Terphenyl	89		70 - 130

Lab Sample ID: 880-8100-A-7-F MSD

Matrix: Solid

Analysis Batch: 11986

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 11999

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1127		mg/Kg		113	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	878.6		mg/Kg		84	70 - 130	6	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	98		70 - 130
o-Terphenyl	93		70 - 130

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-12001/1-A

Matrix: Solid

Analysis Batch: 11986

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12001

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/11/21 10:01	11/12/21 04:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/11/21 10:01	11/12/21 04:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/11/21 10:01	11/12/21 04:06	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				11/11/21 10:01	11/12/21 04:06	1
o-Terphenyl	121		70 - 130				11/11/21 10:01	11/12/21 04:06	1

Lab Sample ID: LCS 880-12001/2-A

Matrix: Solid

Analysis Batch: 11986

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12001

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1043		mg/Kg		104	70 - 130
Diesel Range Organics (Over C10-C28)	1000	816.6		mg/Kg		82	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	100		70 - 130				
o-Terphenyl	99		70 - 130				

Lab Sample ID: LCSD 880-12001/3-A

Matrix: Solid

Analysis Batch: 11986

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 12001

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1167		mg/Kg		117	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	1000	844.3		mg/Kg		84	70 - 130	3	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	97		70 - 130						
o-Terphenyl	95		70 - 130						

Lab Sample ID: 890-1553-36 MS

Matrix: Solid

Analysis Batch: 11986

Client Sample ID: P87

Prep Type: Total/NA

Prep Batch: 12001

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	104	F1	997	1508	F1	mg/Kg		141	70 - 130
Diesel Range Organics (Over C10-C28)	1500	F1	997	2766		mg/Kg		127	70 - 130

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-1553-36 MS

Matrix: Solid

Analysis Batch: 11986

Client Sample ID: P87

Prep Type: Total/NA

Prep Batch: 12001

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	109		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: 890-1553-36 MSD

Matrix: Solid

Analysis Batch: 11986

Client Sample ID: P87

Prep Type: Total/NA

Prep Batch: 12001

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	104	F1	998	1463	F1	mg/Kg		136	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1500	F1	998	3021	F1	mg/Kg		153	70 - 130	9	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	113		70 - 130
o-Terphenyl	118		70 - 130

Lab Sample ID: MB 880-12042/1-A

Matrix: Solid

Analysis Batch: 12090

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12042

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/11/21 14:38	11/12/21 21:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/11/21 14:38	11/12/21 21:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/11/21 14:38	11/12/21 21:45	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	121		70 - 130	11/11/21 14:38	11/12/21 21:45	1			
o-Terphenyl	131	S1+	70 - 130	11/11/21 14:38	11/12/21 21:45	1			

Lab Sample ID: LCS 880-12042/2-A

Matrix: Solid

Analysis Batch: 12090

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12042

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	814.5		mg/Kg		81	70 - 130
Diesel Range Organics (Over C10-C28)	1000	998.3		mg/Kg		100	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	106		70 - 130
o-Terphenyl	115		70 - 130

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-12042/3-A

Matrix: Solid

Analysis Batch: 12090

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 12042

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	797.3		mg/Kg		80	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	974.3		mg/Kg		97	70 - 130	2	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	105		70 - 130						
o-Terphenyl	115		70 - 130						

Lab Sample ID: 890-1553-56 MS

Matrix: Solid

Analysis Batch: 12090

Client Sample ID: P160

Prep Type: Total/NA

Prep Batch: 12042

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	997	1136		mg/Kg		114	70 - 130		
Diesel Range Organics (Over C10-C28)	321		997	1306		mg/Kg		99	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	119		70 - 130								
o-Terphenyl	105		70 - 130								

Lab Sample ID: 890-1553-56 MSD

Matrix: Solid

Analysis Batch: 12090

Client Sample ID: P160

Prep Type: Total/NA

Prep Batch: 12042

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	998	1110		mg/Kg		111	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	321		998	1142		mg/Kg		82	70 - 130	13	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	104		70 - 130								
o-Terphenyl	92		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-12127/1-A

Matrix: Solid

Analysis Batch: 12196

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			11/13/21 17:45	1

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-12127/2-A

Matrix: Solid

Analysis Batch: 12196

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	257.9		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-12127/3-A

Matrix: Solid

Analysis Batch: 12196

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	259.5		mg/Kg		104	90 - 110	1	20

Lab Sample ID: 890-1553-21 MS

Matrix: Solid

Analysis Batch: 12196

Client Sample ID: P38

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	151		249	390.9		mg/Kg		96	90 - 110

Lab Sample ID: 890-1553-21 MSD

Matrix: Solid

Analysis Batch: 12196

Client Sample ID: P38

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	151		249	375.3		mg/Kg		90	90 - 110	4	20

Lab Sample ID: 890-1553-31 MS

Matrix: Solid

Analysis Batch: 12196

Client Sample ID: P92

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	81.9		253	338.0		mg/Kg		101	90 - 110

Lab Sample ID: 890-1553-31 MSD

Matrix: Solid

Analysis Batch: 12196

Client Sample ID: P92

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	81.9		253	337.8		mg/Kg		101	90 - 110	0	20

Lab Sample ID: MB 880-12126/1-A

Matrix: Solid

Analysis Batch: 12197

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			11/13/21 16:29	1

Lab Sample ID: LCS 880-12126/2-A

Matrix: Solid

Analysis Batch: 12197

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	249.8		mg/Kg		100	90 - 110

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-12126/3-A

Matrix: Solid

Analysis Batch: 12197

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	252.3		mg/Kg		101	90 - 110	1	20

Lab Sample ID: 890-1553-1 MS

Matrix: Solid

Analysis Batch: 12197

Client Sample ID: P200

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	21.1	F1 F2	249	192.7	F1	mg/Kg		69	90 - 110		

Lab Sample ID: 890-1553-1 MSD

Matrix: Solid

Analysis Batch: 12197

Client Sample ID: P200

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	21.1	F1 F2	249	280.5	F2	mg/Kg		104	90 - 110	37	20

Lab Sample ID: 890-1553-11 MS

Matrix: Solid

Analysis Batch: 12197

Client Sample ID: P48

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	83.7		250	325.7		mg/Kg		97	90 - 110		

Lab Sample ID: 890-1553-11 MSD

Matrix: Solid

Analysis Batch: 12197

Client Sample ID: P48

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	83.7		250	322.9		mg/Kg		96	90 - 110	1	20

Lab Sample ID: MB 880-12128/1-A

Matrix: Solid

Analysis Batch: 12199

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			11/13/21 22:02	1

Lab Sample ID: LCS 880-12128/2-A

Matrix: Solid

Analysis Batch: 12199

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	257.7		mg/Kg		103	90 - 110		

Lab Sample ID: LCSD 880-12128/3-A

Matrix: Solid

Analysis Batch: 12199

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	259.4		mg/Kg		104	90 - 110	1	20

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-1553-41 MS

Matrix: Solid

Analysis Batch: 12199

Client Sample ID: P129

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	91.4		248	347.9		mg/Kg		104	90 - 110		

Lab Sample ID: 890-1553-41 MSD

Matrix: Solid

Analysis Batch: 12199

Client Sample ID: P129

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	91.4		248	350.4		mg/Kg		105	90 - 110	1	20

Lab Sample ID: 890-1553-51 MS

Matrix: Solid

Analysis Batch: 12199

Client Sample ID: P165

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	93.0		252	347.3		mg/Kg		101	90 - 110		

Lab Sample ID: 890-1553-51 MSD

Matrix: Solid

Analysis Batch: 12199

Client Sample ID: P165

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	93.0		252	346.5		mg/Kg		101	90 - 110	0	20

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

GC VOA

Prep Batch: 11823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1553-41	P129	Total/NA	Solid	5035	
890-1553-42	P128	Total/NA	Solid	5035	
890-1553-43	P127	Total/NA	Solid	5035	
890-1553-44	P126	Total/NA	Solid	5035	
890-1553-45	P125	Total/NA	Solid	5035	
890-1553-46	P124	Total/NA	Solid	5035	
890-1553-47	P123	Total/NA	Solid	5035	
890-1553-48	P122	Total/NA	Solid	5035	
890-1553-49	P167	Total/NA	Solid	5035	
890-1553-50	P166	Total/NA	Solid	5035	
890-1553-51	P165	Total/NA	Solid	5035	
890-1553-52	P164	Total/NA	Solid	5035	
890-1553-53	P163	Total/NA	Solid	5035	
890-1553-54	P162	Total/NA	Solid	5035	
890-1553-55	P161	Total/NA	Solid	5035	
890-1553-56	P160	Total/NA	Solid	5035	
890-1553-57	P159	Total/NA	Solid	5035	
890-1553-58	P158	Total/NA	Solid	5035	
890-1553-59	P157	Total/NA	Solid	5035	
890-1553-60	P201	Total/NA	Solid	5035	
MB 880-11823/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-11823/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-11823/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1553-41 MS	P129	Total/NA	Solid	5035	
890-1553-41 MSD	P129	Total/NA	Solid	5035	

Prep Batch: 11824

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-11824/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-11824/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-11824/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-8100-A-21-A MS	Matrix Spike	Total/NA	Solid	5035	
880-8100-A-21-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 11825

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1553-2	P199	Total/NA	Solid	5035	
890-1553-3	P198	Total/NA	Solid	5035	
890-1553-4	P197	Total/NA	Solid	5035	
890-1553-5	P196	Total/NA	Solid	5035	
890-1553-6	P195	Total/NA	Solid	5035	
890-1553-7	P193	Total/NA	Solid	5035	
890-1553-8	P192	Total/NA	Solid	5035	
890-1553-9	P191	Total/NA	Solid	5035	
890-1553-10	P190	Total/NA	Solid	5035	
890-1553-11	P48	Total/NA	Solid	5035	
890-1553-12	P47	Total/NA	Solid	5035	
890-1553-13	P46	Total/NA	Solid	5035	
890-1553-14	P45	Total/NA	Solid	5035	
890-1553-15	P44	Total/NA	Solid	5035	
890-1553-16	P43	Total/NA	Solid	5035	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

GC VOA (Continued)

Prep Batch: 11825 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1553-17	P42	Total/NA	Solid	5035	
890-1553-18	P41	Total/NA	Solid	5035	
890-1553-19	P40	Total/NA	Solid	5035	
890-1553-20	P39	Total/NA	Solid	5035	
MB 880-11825/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-11825/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-11825/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1553-A-1-B MSD	890-1553-A-1-B MSD	Total/NA	Solid	5035	

Prep Batch: 11826

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1553-21	P38	Total/NA	Solid	5035	
890-1553-22	P37	Total/NA	Solid	5035	
890-1553-23	P36	Total/NA	Solid	5035	
890-1553-25	P98	Total/NA	Solid	5035	
890-1553-27	P96	Total/NA	Solid	5035	
890-1553-29	P94	Total/NA	Solid	5035	
890-1553-30	P93	Total/NA	Solid	5035	
890-1553-31	P92	Total/NA	Solid	5035	
890-1553-32	P91	Total/NA	Solid	5035	
890-1553-33	P90	Total/NA	Solid	5035	
890-1553-34	P89	Total/NA	Solid	5035	
890-1553-35	P88	Total/NA	Solid	5035	
MB 880-11826/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-11826/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-11826/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1553-21 MS	P38	Total/NA	Solid	5035	
890-1553-21 MSD	P38	Total/NA	Solid	5035	

Analysis Batch: 11888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1553-2	P199	Total/NA	Solid	8021B	11825
890-1553-3	P198	Total/NA	Solid	8021B	11825
890-1553-4	P197	Total/NA	Solid	8021B	11825
890-1553-5	P196	Total/NA	Solid	8021B	11825
890-1553-6	P195	Total/NA	Solid	8021B	11825
890-1553-7	P193	Total/NA	Solid	8021B	11825
890-1553-8	P192	Total/NA	Solid	8021B	11825
890-1553-9	P191	Total/NA	Solid	8021B	11825
890-1553-10	P190	Total/NA	Solid	8021B	11825
890-1553-11	P48	Total/NA	Solid	8021B	11825
890-1553-12	P47	Total/NA	Solid	8021B	11825
890-1553-13	P46	Total/NA	Solid	8021B	11825
890-1553-14	P45	Total/NA	Solid	8021B	11825
890-1553-15	P44	Total/NA	Solid	8021B	11825
890-1553-16	P43	Total/NA	Solid	8021B	11825
890-1553-17	P42	Total/NA	Solid	8021B	11825
890-1553-18	P41	Total/NA	Solid	8021B	11825
890-1553-19	P40	Total/NA	Solid	8021B	11825
890-1553-20	P39	Total/NA	Solid	8021B	11825
MB 880-11824/5-A	Method Blank	Total/NA	Solid	8021B	11824

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

GC VOA (Continued)

Analysis Batch: 11888 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-11825/5-A	Method Blank	Total/NA	Solid	8021B	11825
LCS 880-11824/1-A	Lab Control Sample	Total/NA	Solid	8021B	11824
LCS 880-11825/1-A	Lab Control Sample	Total/NA	Solid	8021B	11825
LCSD 880-11824/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	11824
LCSD 880-11825/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	11825
880-8100-A-21-A MS	Matrix Spike	Total/NA	Solid	8021B	11824
880-8100-A-21-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	11824
890-1553-A-1-A MS	890-1553-A-1-A MS	Total/NA	Solid	8021B	
890-1553-A-1-B MSD	890-1553-A-1-B MSD	Total/NA	Solid	8021B	11825

Analysis Batch: 11964

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1553-21	P38	Total/NA	Solid	8021B	11826
890-1553-22	P37	Total/NA	Solid	8021B	11826
890-1553-23	P36	Total/NA	Solid	8021B	11826
890-1553-25	P98	Total/NA	Solid	8021B	11826
890-1553-27	P96	Total/NA	Solid	8021B	11826
890-1553-29	P94	Total/NA	Solid	8021B	11826
890-1553-30	P93	Total/NA	Solid	8021B	11826
890-1553-31	P92	Total/NA	Solid	8021B	11826
890-1553-32	P91	Total/NA	Solid	8021B	11826
890-1553-33	P90	Total/NA	Solid	8021B	11826
890-1553-34	P89	Total/NA	Solid	8021B	11826
890-1553-35	P88	Total/NA	Solid	8021B	11826
MB 880-11826/5-A	Method Blank	Total/NA	Solid	8021B	11826
LCS 880-11826/1-A	Lab Control Sample	Total/NA	Solid	8021B	11826
LCSD 880-11826/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	11826
890-1553-21 MS	P38	Total/NA	Solid	8021B	11826
890-1553-21 MSD	P38	Total/NA	Solid	8021B	11826

Prep Batch: 11984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1553-1	P200	Total/NA	Solid	5035	
890-1553-2	P199	Total/NA	Solid	5035	
890-1553-3	P198	Total/NA	Solid	5035	
890-1553-4	P197	Total/NA	Solid	5035	
890-1553-5	P196	Total/NA	Solid	5035	
890-1553-6	P195	Total/NA	Solid	5035	
890-1553-11	P48	Total/NA	Solid	5035	
890-1553-12	P47	Total/NA	Solid	5035	
890-1553-13	P46	Total/NA	Solid	5035	
890-1553-16	P43	Total/NA	Solid	5035	
MB 880-11984/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-11984/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-11984/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1557-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 11985

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1553-1	P200	Total/NA	Solid	8021B	11984
890-1553-2	P199	Total/NA	Solid	8021B	11984

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

GC VOA (Continued)

Analysis Batch: 11985 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1553-3	P198	Total/NA	Solid	8021B	11984
890-1553-4	P197	Total/NA	Solid	8021B	11984
890-1553-5	P196	Total/NA	Solid	8021B	11984
890-1553-6	P195	Total/NA	Solid	8021B	11984
890-1553-11	P48	Total/NA	Solid	8021B	11984
890-1553-12	P47	Total/NA	Solid	8021B	11984
890-1553-13	P46	Total/NA	Solid	8021B	11984
890-1553-16	P43	Total/NA	Solid	8021B	11984
MB 880-11984/5-A	Method Blank	Total/NA	Solid	8021B	11984
LCS 880-11984/1-A	Lab Control Sample	Total/NA	Solid	8021B	11984
LCSD 880-11984/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	11984
890-1557-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	
890-1557-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	11984

Prep Batch: 12000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-12000/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 12002

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1553-24	P99	Total/NA	Solid	5035	
890-1553-25	P98	Total/NA	Solid	5035	
890-1553-26	P97	Total/NA	Solid	5035	
890-1553-27	P96	Total/NA	Solid	5035	
890-1553-28	P95	Total/NA	Solid	5035	
890-1553-29	P94	Total/NA	Solid	5035	
890-1553-30	P93	Total/NA	Solid	5035	
890-1553-31	P92	Total/NA	Solid	5035	
890-1553-32	P91	Total/NA	Solid	5035	
890-1553-33	P90	Total/NA	Solid	5035	
890-1553-34	P89	Total/NA	Solid	5035	
MB 880-12002/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-12002/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-12002/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-8125-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
880-8125-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 12003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1553-24	P99	Total/NA	Solid	8021B	12002
890-1553-25	P98	Total/NA	Solid	8021B	12002
890-1553-26	P97	Total/NA	Solid	8021B	12002
890-1553-27	P96	Total/NA	Solid	8021B	12002
890-1553-28	P95	Total/NA	Solid	8021B	12002
890-1553-29	P94	Total/NA	Solid	8021B	12002
890-1553-30	P93	Total/NA	Solid	8021B	12002
890-1553-31	P92	Total/NA	Solid	8021B	12002
890-1553-32	P91	Total/NA	Solid	8021B	12002
890-1553-33	P90	Total/NA	Solid	8021B	12002
890-1553-34	P89	Total/NA	Solid	8021B	12002
MB 880-12000/5-A	Method Blank	Total/NA	Solid	8021B	12000

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

GC VOA (Continued)

Analysis Batch: 12003 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-12002/5-A	Method Blank	Total/NA	Solid	8021B	12002
LCS 880-12002/1-A	Lab Control Sample	Total/NA	Solid	8021B	12002
LCSD 880-12002/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	12002
880-8125-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	12002
880-8125-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	12002

Analysis Batch: 12106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1553-41	P129	Total/NA	Solid	8021B	11823
890-1553-42	P128	Total/NA	Solid	8021B	11823
890-1553-43	P127	Total/NA	Solid	8021B	11823
890-1553-44	P126	Total/NA	Solid	8021B	11823
890-1553-45	P125	Total/NA	Solid	8021B	11823
890-1553-46	P124	Total/NA	Solid	8021B	11823
890-1553-47	P123	Total/NA	Solid	8021B	11823
890-1553-48	P122	Total/NA	Solid	8021B	11823
890-1553-49	P167	Total/NA	Solid	8021B	11823
890-1553-50	P166	Total/NA	Solid	8021B	11823
890-1553-51	P165	Total/NA	Solid	8021B	11823
890-1553-52	P164	Total/NA	Solid	8021B	11823
890-1553-53	P163	Total/NA	Solid	8021B	11823
890-1553-54	P162	Total/NA	Solid	8021B	11823
890-1553-55	P161	Total/NA	Solid	8021B	11823
890-1553-56	P160	Total/NA	Solid	8021B	11823
890-1553-57	P159	Total/NA	Solid	8021B	11823
890-1553-58	P158	Total/NA	Solid	8021B	11823
890-1553-59	P157	Total/NA	Solid	8021B	11823
890-1553-60	P201	Total/NA	Solid	8021B	11823
MB 880-11823/5-A	Method Blank	Total/NA	Solid	8021B	11823
LCS 880-11823/1-A	Lab Control Sample	Total/NA	Solid	8021B	11823
LCSD 880-11823/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	11823
890-1553-41 MS	P129	Total/NA	Solid	8021B	11823
890-1553-41 MSD	P129	Total/NA	Solid	8021B	11823

Analysis Batch: 12115

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1553-35	P88	Total/NA	Solid	8021B	12122
890-1553-37	P133	Total/NA	Solid	8021B	12122
890-1553-38	P132	Total/NA	Solid	8021B	12122
890-1553-39	P131	Total/NA	Solid	8021B	12122
890-1553-40	P130	Total/NA	Solid	8021B	12122
MB 880-12121/5-A	Method Blank	Total/NA	Solid	8021B	12121
MB 880-12122/5-A	Method Blank	Total/NA	Solid	8021B	12122
LCS 880-12122/1-A	Lab Control Sample	Total/NA	Solid	8021B	12122
LCSD 880-12122/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	12122
880-8260-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	12122
880-8260-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	12122

Prep Batch: 12121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-12121/5-A	Method Blank	Total/NA	Solid	5035	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

GC VOA

Prep Batch: 12122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1553-35	P88	Total/NA	Solid	5035	
890-1553-37	P133	Total/NA	Solid	5035	
890-1553-38	P132	Total/NA	Solid	5035	
890-1553-39	P131	Total/NA	Solid	5035	
890-1553-40	P130	Total/NA	Solid	5035	
MB 880-12122/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-12122/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-12122/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-8260-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-8260-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 12208

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1553-5	P196	Total/NA	Solid	5035	
MB 880-12208/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-12208/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-12208/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1571-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 12216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1553-5	P196	Total/NA	Solid	8021B	12208
MB 880-12208/5-A	Method Blank	Total/NA	Solid	8021B	12208
LCS 880-12208/1-A	Lab Control Sample	Total/NA	Solid	8021B	12208
LCSD 880-12208/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	12208
890-1571-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	
890-1571-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	12208

Prep Batch: 12234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-12234/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-12234/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-12234/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-8081-A-83-I MS	Matrix Spike	Total/NA	Solid	5035	
880-8081-A-83-J MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 12275

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1553-36	P87	Total/NA	Solid	5035	
890-1553-37	P133	Total/NA	Solid	5035	
890-1553-38	P132	Total/NA	Solid	5035	
890-1553-39	P131	Total/NA	Solid	5035	
890-1553-40	P130	Total/NA	Solid	5035	
890-1553-52	P164	Total/NA	Solid	5035	
890-1553-60	P201	Total/NA	Solid	5035	
MB 880-12275/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-12275/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-12275/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1568-A-5-E MS	Matrix Spike	Total/NA	Solid	5035	
890-1568-A-5-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

GC VOA

Analysis Batch: 12338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1553-1	P200	Total/NA	Solid	Total BTEX	
890-1553-2	P199	Total/NA	Solid	Total BTEX	
890-1553-3	P198	Total/NA	Solid	Total BTEX	
890-1553-4	P197	Total/NA	Solid	Total BTEX	
890-1553-5	P196	Total/NA	Solid	Total BTEX	
890-1553-6	P195	Total/NA	Solid	Total BTEX	
890-1553-7	P193	Total/NA	Solid	Total BTEX	
890-1553-8	P192	Total/NA	Solid	Total BTEX	
890-1553-9	P191	Total/NA	Solid	Total BTEX	
890-1553-10	P190	Total/NA	Solid	Total BTEX	
890-1553-11	P48	Total/NA	Solid	Total BTEX	
890-1553-12	P47	Total/NA	Solid	Total BTEX	
890-1553-13	P46	Total/NA	Solid	Total BTEX	
890-1553-14	P45	Total/NA	Solid	Total BTEX	
890-1553-15	P44	Total/NA	Solid	Total BTEX	
890-1553-16	P43	Total/NA	Solid	Total BTEX	
890-1553-17	P42	Total/NA	Solid	Total BTEX	
890-1553-18	P41	Total/NA	Solid	Total BTEX	
890-1553-19	P40	Total/NA	Solid	Total BTEX	
890-1553-20	P39	Total/NA	Solid	Total BTEX	
890-1553-21	P38	Total/NA	Solid	Total BTEX	
890-1553-22	P37	Total/NA	Solid	Total BTEX	
890-1553-23	P36	Total/NA	Solid	Total BTEX	
890-1553-24	P99	Total/NA	Solid	Total BTEX	
890-1553-25	P98	Total/NA	Solid	Total BTEX	
890-1553-26	P97	Total/NA	Solid	Total BTEX	
890-1553-27	P96	Total/NA	Solid	Total BTEX	
890-1553-28	P95	Total/NA	Solid	Total BTEX	
890-1553-29	P94	Total/NA	Solid	Total BTEX	
890-1553-30	P93	Total/NA	Solid	Total BTEX	
890-1553-31	P92	Total/NA	Solid	Total BTEX	
890-1553-32	P91	Total/NA	Solid	Total BTEX	
890-1553-33	P90	Total/NA	Solid	Total BTEX	
890-1553-34	P89	Total/NA	Solid	Total BTEX	
890-1553-35	P88	Total/NA	Solid	Total BTEX	
890-1553-36	P87	Total/NA	Solid	Total BTEX	
890-1553-37	P133	Total/NA	Solid	Total BTEX	
890-1553-38	P132	Total/NA	Solid	Total BTEX	
890-1553-39	P131	Total/NA	Solid	Total BTEX	
890-1553-40	P130	Total/NA	Solid	Total BTEX	
890-1553-41	P129	Total/NA	Solid	Total BTEX	
890-1553-42	P128	Total/NA	Solid	Total BTEX	
890-1553-43	P127	Total/NA	Solid	Total BTEX	
890-1553-44	P126	Total/NA	Solid	Total BTEX	
890-1553-45	P125	Total/NA	Solid	Total BTEX	
890-1553-46	P124	Total/NA	Solid	Total BTEX	
890-1553-47	P123	Total/NA	Solid	Total BTEX	
890-1553-48	P122	Total/NA	Solid	Total BTEX	
890-1553-49	P167	Total/NA	Solid	Total BTEX	
890-1553-50	P166	Total/NA	Solid	Total BTEX	
890-1553-51	P165	Total/NA	Solid	Total BTEX	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

GC VOA (Continued)

Analysis Batch: 12338 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1553-52	P164	Total/NA	Solid	Total BTEX	
890-1553-53	P163	Total/NA	Solid	Total BTEX	
890-1553-54	P162	Total/NA	Solid	Total BTEX	
890-1553-55	P161	Total/NA	Solid	Total BTEX	
890-1553-56	P160	Total/NA	Solid	Total BTEX	
890-1553-57	P159	Total/NA	Solid	Total BTEX	
890-1553-58	P158	Total/NA	Solid	Total BTEX	
890-1553-59	P157	Total/NA	Solid	Total BTEX	
890-1553-60	P201	Total/NA	Solid	Total BTEX	

Prep Batch: 12349

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1553-11	P48	Total/NA	Solid	5035	
890-1553-12	P47	Total/NA	Solid	5035	
890-1553-24	P99	Total/NA	Solid	5035	
890-1553-25	P98	Total/NA	Solid	5035	
890-1553-26	P97	Total/NA	Solid	5035	
890-1553-27	P96	Total/NA	Solid	5035	
890-1553-28	P95	Total/NA	Solid	5035	
890-1553-29	P94	Total/NA	Solid	5035	
MB 880-12349/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-12349/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-12349/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1552-A-1-F MS	Matrix Spike	Total/NA	Solid	5035	
890-1552-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 12412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-12234/5-A	Method Blank	Total/NA	Solid	8021B	12234
LCS 880-12234/1-A	Lab Control Sample	Total/NA	Solid	8021B	12234
LCSD 880-12234/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	12234
880-8081-A-83-I MS	Matrix Spike	Total/NA	Solid	8021B	12234
880-8081-A-83-J MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	12234

Analysis Batch: 12413

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1553-36	P87	Total/NA	Solid	8021B	12275
890-1553-37	P133	Total/NA	Solid	8021B	12275
890-1553-38	P132	Total/NA	Solid	8021B	12275
890-1553-39	P131	Total/NA	Solid	8021B	12275
890-1553-40	P130	Total/NA	Solid	8021B	12275
890-1553-52	P164	Total/NA	Solid	8021B	12275
890-1553-60	P201	Total/NA	Solid	8021B	12275
MB 880-12275/5-A	Method Blank	Total/NA	Solid	8021B	12275
LCS 880-12275/1-A	Lab Control Sample	Total/NA	Solid	8021B	12275
LCSD 880-12275/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	12275
890-1568-A-5-E MS	Matrix Spike	Total/NA	Solid	8021B	12275
890-1568-A-5-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	12275

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

GC VOA

Analysis Batch: 12415

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1553-11	P48	Total/NA	Solid	8021B	12349
890-1553-12	P47	Total/NA	Solid	8021B	12349
890-1553-24	P99	Total/NA	Solid	8021B	12349
890-1553-25	P98	Total/NA	Solid	8021B	12349
890-1553-26	P97	Total/NA	Solid	8021B	12349
890-1553-27	P96	Total/NA	Solid	8021B	12349
890-1553-28	P95	Total/NA	Solid	8021B	12349
890-1553-29	P94	Total/NA	Solid	8021B	12349
MB 880-12349/5-A	Method Blank	Total/NA	Solid	8021B	12349
LCS 880-12349/1-A	Lab Control Sample	Total/NA	Solid	8021B	12349
LCSD 880-12349/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	12349
890-1552-A-1-F MS	Matrix Spike	Total/NA	Solid	8021B	12349
890-1552-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	12349

GC Semi VOA

Prep Batch: 11950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1553-2	P199	Total/NA	Solid	8015NM Prep	
890-1553-3	P198	Total/NA	Solid	8015NM Prep	
890-1553-4	P197	Total/NA	Solid	8015NM Prep	
890-1553-5	P196	Total/NA	Solid	8015NM Prep	
890-1553-6	P195	Total/NA	Solid	8015NM Prep	
890-1553-7	P193	Total/NA	Solid	8015NM Prep	
890-1553-8	P192	Total/NA	Solid	8015NM Prep	
890-1553-9	P191	Total/NA	Solid	8015NM Prep	
890-1553-10	P190	Total/NA	Solid	8015NM Prep	
890-1553-11	P48	Total/NA	Solid	8015NM Prep	
890-1553-12	P47	Total/NA	Solid	8015NM Prep	
890-1553-13	P46	Total/NA	Solid	8015NM Prep	
890-1553-14	P45	Total/NA	Solid	8015NM Prep	
890-1553-15	P44	Total/NA	Solid	8015NM Prep	
890-1553-16	P43	Total/NA	Solid	8015NM Prep	
890-1553-17	P42	Total/NA	Solid	8015NM Prep	
890-1553-18	P41	Total/NA	Solid	8015NM Prep	
890-1553-19	P40	Total/NA	Solid	8015NM Prep	
890-1553-20	P39	Total/NA	Solid	8015NM Prep	
MB 880-11950/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-11950/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-11950/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1553-7 MS	P193	Total/NA	Solid	8015NM Prep	
890-1553-7 MSD	P193	Total/NA	Solid	8015NM Prep	

Analysis Batch: 11986

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1553-1	P200	Total/NA	Solid	8015B NM	11999
890-1553-21	P38	Total/NA	Solid	8015B NM	12001
890-1553-22	P37	Total/NA	Solid	8015B NM	12001
890-1553-23	P36	Total/NA	Solid	8015B NM	12001
890-1553-24	P99	Total/NA	Solid	8015B NM	12001
890-1553-25	P98	Total/NA	Solid	8015B NM	12001

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

GC Semi VOA (Continued)

Analysis Batch: 11986 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1553-26	P97	Total/NA	Solid	8015B NM	12001
890-1553-27	P96	Total/NA	Solid	8015B NM	12001
890-1553-36	P87	Total/NA	Solid	8015B NM	12001
MB 880-11999/1-A	Method Blank	Total/NA	Solid	8015B NM	11999
MB 880-12001/1-A	Method Blank	Total/NA	Solid	8015B NM	12001
LCS 880-11999/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	11999
LCS 880-12001/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	12001
LCSD 880-11999/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	11999
LCSD 880-12001/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	12001
880-8100-A-7-E MS	Matrix Spike	Total/NA	Solid	8015B NM	11999
880-8100-A-7-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	11999
890-1553-36 MS	P87	Total/NA	Solid	8015B NM	12001
890-1553-36 MSD	P87	Total/NA	Solid	8015B NM	12001

Analysis Batch: 11988

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1553-28	P95	Total/NA	Solid	8015B NM	12001
890-1553-29	P94	Total/NA	Solid	8015B NM	12001
890-1553-30	P93	Total/NA	Solid	8015B NM	12001
890-1553-31	P92	Total/NA	Solid	8015B NM	12001
890-1553-32	P91	Total/NA	Solid	8015B NM	12001
890-1553-33	P90	Total/NA	Solid	8015B NM	12001
890-1553-34	P89	Total/NA	Solid	8015B NM	12001
890-1553-35	P88	Total/NA	Solid	8015B NM	12001
890-1553-37	P133	Total/NA	Solid	8015B NM	12001
890-1553-38	P132	Total/NA	Solid	8015B NM	12001
890-1553-39	P131	Total/NA	Solid	8015B NM	12001
890-1553-40	P130	Total/NA	Solid	8015B NM	12001

Analysis Batch: 11992

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1553-2	P199	Total/NA	Solid	8015B NM	11950
890-1553-3	P198	Total/NA	Solid	8015B NM	11950
890-1553-4	P197	Total/NA	Solid	8015B NM	11950
890-1553-5	P196	Total/NA	Solid	8015B NM	11950
890-1553-6	P195	Total/NA	Solid	8015B NM	11950
890-1553-7	P193	Total/NA	Solid	8015B NM	11950
890-1553-8	P192	Total/NA	Solid	8015B NM	11950
890-1553-9	P191	Total/NA	Solid	8015B NM	11950
890-1553-10	P190	Total/NA	Solid	8015B NM	11950
890-1553-11	P48	Total/NA	Solid	8015B NM	11950
890-1553-12	P47	Total/NA	Solid	8015B NM	11950
890-1553-13	P46	Total/NA	Solid	8015B NM	11950
890-1553-14	P45	Total/NA	Solid	8015B NM	11950
890-1553-15	P44	Total/NA	Solid	8015B NM	11950
890-1553-16	P43	Total/NA	Solid	8015B NM	11950
890-1553-17	P42	Total/NA	Solid	8015B NM	11950
890-1553-18	P41	Total/NA	Solid	8015B NM	11950
890-1553-19	P40	Total/NA	Solid	8015B NM	11950
890-1553-20	P39	Total/NA	Solid	8015B NM	11950
MB 880-11950/1-A	Method Blank	Total/NA	Solid	8015B NM	11950

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

GC Semi VOA (Continued)

Analysis Batch: 11992 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-11950/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	11950
LCSD 880-11950/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	11950
890-1553-7 MS	P193	Total/NA	Solid	8015B NM	11950
890-1553-7 MSD	P193	Total/NA	Solid	8015B NM	11950

Prep Batch: 11999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1553-1	P200	Total/NA	Solid	8015NM Prep	
MB 880-11999/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-11999/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-11999/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-8100-A-7-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-8100-A-7-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 12001

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1553-21	P38	Total/NA	Solid	8015NM Prep	
890-1553-22	P37	Total/NA	Solid	8015NM Prep	
890-1553-23	P36	Total/NA	Solid	8015NM Prep	
890-1553-24	P99	Total/NA	Solid	8015NM Prep	
890-1553-25	P98	Total/NA	Solid	8015NM Prep	
890-1553-26	P97	Total/NA	Solid	8015NM Prep	
890-1553-27	P96	Total/NA	Solid	8015NM Prep	
890-1553-28	P95	Total/NA	Solid	8015NM Prep	
890-1553-29	P94	Total/NA	Solid	8015NM Prep	
890-1553-30	P93	Total/NA	Solid	8015NM Prep	
890-1553-31	P92	Total/NA	Solid	8015NM Prep	
890-1553-32	P91	Total/NA	Solid	8015NM Prep	
890-1553-33	P90	Total/NA	Solid	8015NM Prep	
890-1553-34	P89	Total/NA	Solid	8015NM Prep	
890-1553-35	P88	Total/NA	Solid	8015NM Prep	
890-1553-36	P87	Total/NA	Solid	8015NM Prep	
890-1553-37	P133	Total/NA	Solid	8015NM Prep	
890-1553-38	P132	Total/NA	Solid	8015NM Prep	
890-1553-39	P131	Total/NA	Solid	8015NM Prep	
890-1553-40	P130	Total/NA	Solid	8015NM Prep	
MB 880-12001/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-12001/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-12001/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1553-36 MS	P87	Total/NA	Solid	8015NM Prep	
890-1553-36 MSD	P87	Total/NA	Solid	8015NM Prep	

Prep Batch: 12042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1553-41	P129	Total/NA	Solid	8015NM Prep	
890-1553-42	P128	Total/NA	Solid	8015NM Prep	
890-1553-43	P127	Total/NA	Solid	8015NM Prep	
890-1553-44	P126	Total/NA	Solid	8015NM Prep	
890-1553-45	P125	Total/NA	Solid	8015NM Prep	
890-1553-46	P124	Total/NA	Solid	8015NM Prep	
890-1553-47	P123	Total/NA	Solid	8015NM Prep	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

GC Semi VOA (Continued)

Prep Batch: 12042 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1553-48	P122	Total/NA	Solid	8015NM Prep	
890-1553-49	P167	Total/NA	Solid	8015NM Prep	
890-1553-50	P166	Total/NA	Solid	8015NM Prep	
890-1553-51	P165	Total/NA	Solid	8015NM Prep	
890-1553-52	P164	Total/NA	Solid	8015NM Prep	
890-1553-53	P163	Total/NA	Solid	8015NM Prep	
890-1553-54	P162	Total/NA	Solid	8015NM Prep	
890-1553-55	P161	Total/NA	Solid	8015NM Prep	
890-1553-56	P160	Total/NA	Solid	8015NM Prep	
890-1553-57	P159	Total/NA	Solid	8015NM Prep	
890-1553-58	P158	Total/NA	Solid	8015NM Prep	
890-1553-59	P157	Total/NA	Solid	8015NM Prep	
890-1553-60	P201	Total/NA	Solid	8015NM Prep	
MB 880-12042/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-12042/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-12042/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1553-56 MS	P160	Total/NA	Solid	8015NM Prep	
890-1553-56 MSD	P160	Total/NA	Solid	8015NM Prep	

Analysis Batch: 12045

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1553-1	P200	Total/NA	Solid	8015 NM	
890-1553-2	P199	Total/NA	Solid	8015 NM	
890-1553-3	P198	Total/NA	Solid	8015 NM	
890-1553-4	P197	Total/NA	Solid	8015 NM	
890-1553-5	P196	Total/NA	Solid	8015 NM	
890-1553-6	P195	Total/NA	Solid	8015 NM	
890-1553-7	P193	Total/NA	Solid	8015 NM	
890-1553-8	P192	Total/NA	Solid	8015 NM	
890-1553-9	P191	Total/NA	Solid	8015 NM	
890-1553-10	P190	Total/NA	Solid	8015 NM	
890-1553-11	P48	Total/NA	Solid	8015 NM	
890-1553-12	P47	Total/NA	Solid	8015 NM	
890-1553-13	P46	Total/NA	Solid	8015 NM	
890-1553-14	P45	Total/NA	Solid	8015 NM	
890-1553-15	P44	Total/NA	Solid	8015 NM	
890-1553-16	P43	Total/NA	Solid	8015 NM	
890-1553-17	P42	Total/NA	Solid	8015 NM	
890-1553-18	P41	Total/NA	Solid	8015 NM	
890-1553-19	P40	Total/NA	Solid	8015 NM	
890-1553-20	P39	Total/NA	Solid	8015 NM	
890-1553-21	P38	Total/NA	Solid	8015 NM	
890-1553-22	P37	Total/NA	Solid	8015 NM	
890-1553-23	P36	Total/NA	Solid	8015 NM	
890-1553-24	P99	Total/NA	Solid	8015 NM	
890-1553-25	P98	Total/NA	Solid	8015 NM	
890-1553-26	P97	Total/NA	Solid	8015 NM	
890-1553-27	P96	Total/NA	Solid	8015 NM	
890-1553-28	P95	Total/NA	Solid	8015 NM	
890-1553-29	P94	Total/NA	Solid	8015 NM	
890-1553-30	P93	Total/NA	Solid	8015 NM	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

GC Semi VOA (Continued)

Analysis Batch: 12045 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1553-31	P92	Total/NA	Solid	8015 NM	
890-1553-32	P91	Total/NA	Solid	8015 NM	
890-1553-33	P90	Total/NA	Solid	8015 NM	
890-1553-34	P89	Total/NA	Solid	8015 NM	
890-1553-35	P88	Total/NA	Solid	8015 NM	
890-1553-36	P87	Total/NA	Solid	8015 NM	
890-1553-37	P133	Total/NA	Solid	8015 NM	
890-1553-38	P132	Total/NA	Solid	8015 NM	
890-1553-39	P131	Total/NA	Solid	8015 NM	
890-1553-40	P130	Total/NA	Solid	8015 NM	
890-1553-41	P129	Total/NA	Solid	8015 NM	
890-1553-42	P128	Total/NA	Solid	8015 NM	
890-1553-43	P127	Total/NA	Solid	8015 NM	
890-1553-44	P126	Total/NA	Solid	8015 NM	
890-1553-45	P125	Total/NA	Solid	8015 NM	
890-1553-46	P124	Total/NA	Solid	8015 NM	
890-1553-47	P123	Total/NA	Solid	8015 NM	
890-1553-48	P122	Total/NA	Solid	8015 NM	
890-1553-49	P167	Total/NA	Solid	8015 NM	
890-1553-50	P166	Total/NA	Solid	8015 NM	
890-1553-51	P165	Total/NA	Solid	8015 NM	
890-1553-52	P164	Total/NA	Solid	8015 NM	
890-1553-53	P163	Total/NA	Solid	8015 NM	
890-1553-54	P162	Total/NA	Solid	8015 NM	
890-1553-55	P161	Total/NA	Solid	8015 NM	
890-1553-56	P160	Total/NA	Solid	8015 NM	
890-1553-57	P159	Total/NA	Solid	8015 NM	
890-1553-58	P158	Total/NA	Solid	8015 NM	
890-1553-59	P157	Total/NA	Solid	8015 NM	
890-1553-60	P201	Total/NA	Solid	8015 NM	

Analysis Batch: 12090

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1553-41	P129	Total/NA	Solid	8015B NM	12042
890-1553-42	P128	Total/NA	Solid	8015B NM	12042
890-1553-43	P127	Total/NA	Solid	8015B NM	12042
890-1553-44	P126	Total/NA	Solid	8015B NM	12042
890-1553-45	P125	Total/NA	Solid	8015B NM	12042
890-1553-46	P124	Total/NA	Solid	8015B NM	12042
890-1553-47	P123	Total/NA	Solid	8015B NM	12042
890-1553-48	P122	Total/NA	Solid	8015B NM	12042
890-1553-49	P167	Total/NA	Solid	8015B NM	12042
890-1553-50	P166	Total/NA	Solid	8015B NM	12042
890-1553-51	P165	Total/NA	Solid	8015B NM	12042
890-1553-52	P164	Total/NA	Solid	8015B NM	12042
890-1553-53	P163	Total/NA	Solid	8015B NM	12042
890-1553-54	P162	Total/NA	Solid	8015B NM	12042
890-1553-55	P161	Total/NA	Solid	8015B NM	12042
890-1553-56	P160	Total/NA	Solid	8015B NM	12042
890-1553-57	P159	Total/NA	Solid	8015B NM	12042
890-1553-58	P158	Total/NA	Solid	8015B NM	12042

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

GC Semi VOA (Continued)

Analysis Batch: 12090 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1553-59	P157	Total/NA	Solid	8015B NM	12042
890-1553-60	P201	Total/NA	Solid	8015B NM	12042
MB 880-12042/1-A	Method Blank	Total/NA	Solid	8015B NM	12042
LCS 880-12042/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	12042
LCSD 880-12042/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	12042
890-1553-56 MS	P160	Total/NA	Solid	8015B NM	12042
890-1553-56 MSD	P160	Total/NA	Solid	8015B NM	12042

HPLC/IC

Leach Batch: 12126

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1553-1	P200	Soluble	Solid	DI Leach	
890-1553-2	P199	Soluble	Solid	DI Leach	
890-1553-3	P198	Soluble	Solid	DI Leach	
890-1553-4	P197	Soluble	Solid	DI Leach	
890-1553-5	P196	Soluble	Solid	DI Leach	
890-1553-6	P195	Soluble	Solid	DI Leach	
890-1553-7	P193	Soluble	Solid	DI Leach	
890-1553-8	P192	Soluble	Solid	DI Leach	
890-1553-9	P191	Soluble	Solid	DI Leach	
890-1553-10	P190	Soluble	Solid	DI Leach	
890-1553-11	P48	Soluble	Solid	DI Leach	
890-1553-12	P47	Soluble	Solid	DI Leach	
890-1553-13	P46	Soluble	Solid	DI Leach	
890-1553-14	P45	Soluble	Solid	DI Leach	
890-1553-15	P44	Soluble	Solid	DI Leach	
890-1553-16	P43	Soluble	Solid	DI Leach	
890-1553-17	P42	Soluble	Solid	DI Leach	
890-1553-18	P41	Soluble	Solid	DI Leach	
890-1553-19	P40	Soluble	Solid	DI Leach	
890-1553-20	P39	Soluble	Solid	DI Leach	
MB 880-12126/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-12126/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-12126/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1553-1 MS	P200	Soluble	Solid	DI Leach	
890-1553-1 MSD	P200	Soluble	Solid	DI Leach	
890-1553-11 MS	P48	Soluble	Solid	DI Leach	
890-1553-11 MSD	P48	Soluble	Solid	DI Leach	

Leach Batch: 12127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1553-21	P38	Soluble	Solid	DI Leach	
890-1553-22	P37	Soluble	Solid	DI Leach	
890-1553-23	P36	Soluble	Solid	DI Leach	
890-1553-24	P99	Soluble	Solid	DI Leach	
890-1553-25	P98	Soluble	Solid	DI Leach	
890-1553-26	P97	Soluble	Solid	DI Leach	
890-1553-27	P96	Soluble	Solid	DI Leach	
890-1553-28	P95	Soluble	Solid	DI Leach	
890-1553-29	P94	Soluble	Solid	DI Leach	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

HPLC/IC (Continued)

Leach Batch: 12127 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1553-30	P93	Soluble	Solid	DI Leach	
890-1553-31	P92	Soluble	Solid	DI Leach	
890-1553-32	P91	Soluble	Solid	DI Leach	
890-1553-33	P90	Soluble	Solid	DI Leach	
890-1553-34	P89	Soluble	Solid	DI Leach	
890-1553-35	P88	Soluble	Solid	DI Leach	
890-1553-36	P87	Soluble	Solid	DI Leach	
890-1553-37	P133	Soluble	Solid	DI Leach	
890-1553-38	P132	Soluble	Solid	DI Leach	
890-1553-39	P131	Soluble	Solid	DI Leach	
890-1553-40	P130	Soluble	Solid	DI Leach	
MB 880-12127/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-12127/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-12127/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1553-21 MS	P38	Soluble	Solid	DI Leach	
890-1553-21 MSD	P38	Soluble	Solid	DI Leach	
890-1553-31 MS	P92	Soluble	Solid	DI Leach	
890-1553-31 MSD	P92	Soluble	Solid	DI Leach	

Leach Batch: 12128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1553-41	P129	Soluble	Solid	DI Leach	
890-1553-42	P128	Soluble	Solid	DI Leach	
890-1553-43	P127	Soluble	Solid	DI Leach	
890-1553-44	P126	Soluble	Solid	DI Leach	
890-1553-45	P125	Soluble	Solid	DI Leach	
890-1553-46	P124	Soluble	Solid	DI Leach	
890-1553-47	P123	Soluble	Solid	DI Leach	
890-1553-48	P122	Soluble	Solid	DI Leach	
890-1553-49	P167	Soluble	Solid	DI Leach	
890-1553-50	P166	Soluble	Solid	DI Leach	
890-1553-51	P165	Soluble	Solid	DI Leach	
890-1553-52	P164	Soluble	Solid	DI Leach	
890-1553-53	P163	Soluble	Solid	DI Leach	
890-1553-54	P162	Soluble	Solid	DI Leach	
890-1553-55	P161	Soluble	Solid	DI Leach	
890-1553-56	P160	Soluble	Solid	DI Leach	
890-1553-57	P159	Soluble	Solid	DI Leach	
890-1553-58	P158	Soluble	Solid	DI Leach	
890-1553-59	P157	Soluble	Solid	DI Leach	
890-1553-60	P201	Soluble	Solid	DI Leach	
MB 880-12128/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-12128/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-12128/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1553-41 MS	P129	Soluble	Solid	DI Leach	
890-1553-41 MSD	P129	Soluble	Solid	DI Leach	
890-1553-51 MS	P165	Soluble	Solid	DI Leach	
890-1553-51 MSD	P165	Soluble	Solid	DI Leach	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

HPLC/IC

Analysis Batch: 12196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1553-21	P38	Soluble	Solid	300.0	12127
890-1553-22	P37	Soluble	Solid	300.0	12127
890-1553-23	P36	Soluble	Solid	300.0	12127
890-1553-24	P99	Soluble	Solid	300.0	12127
890-1553-25	P98	Soluble	Solid	300.0	12127
890-1553-26	P97	Soluble	Solid	300.0	12127
890-1553-27	P96	Soluble	Solid	300.0	12127
890-1553-28	P95	Soluble	Solid	300.0	12127
890-1553-29	P94	Soluble	Solid	300.0	12127
890-1553-30	P93	Soluble	Solid	300.0	12127
890-1553-31	P92	Soluble	Solid	300.0	12127
890-1553-32	P91	Soluble	Solid	300.0	12127
890-1553-33	P90	Soluble	Solid	300.0	12127
890-1553-34	P89	Soluble	Solid	300.0	12127
890-1553-35	P88	Soluble	Solid	300.0	12127
890-1553-36	P87	Soluble	Solid	300.0	12127
890-1553-37	P133	Soluble	Solid	300.0	12127
890-1553-38	P132	Soluble	Solid	300.0	12127
890-1553-39	P131	Soluble	Solid	300.0	12127
890-1553-40	P130	Soluble	Solid	300.0	12127
MB 880-12127/1-A	Method Blank	Soluble	Solid	300.0	12127
LCS 880-12127/2-A	Lab Control Sample	Soluble	Solid	300.0	12127
LCSD 880-12127/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	12127
890-1553-21 MS	P38	Soluble	Solid	300.0	12127
890-1553-21 MSD	P38	Soluble	Solid	300.0	12127
890-1553-31 MS	P92	Soluble	Solid	300.0	12127
890-1553-31 MSD	P92	Soluble	Solid	300.0	12127

Analysis Batch: 12197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1553-1	P200	Soluble	Solid	300.0	12126
890-1553-2	P199	Soluble	Solid	300.0	12126
890-1553-3	P198	Soluble	Solid	300.0	12126
890-1553-4	P197	Soluble	Solid	300.0	12126
890-1553-5	P196	Soluble	Solid	300.0	12126
890-1553-6	P195	Soluble	Solid	300.0	12126
890-1553-7	P193	Soluble	Solid	300.0	12126
890-1553-8	P192	Soluble	Solid	300.0	12126
890-1553-9	P191	Soluble	Solid	300.0	12126
890-1553-10	P190	Soluble	Solid	300.0	12126
890-1553-11	P48	Soluble	Solid	300.0	12126
890-1553-12	P47	Soluble	Solid	300.0	12126
890-1553-13	P46	Soluble	Solid	300.0	12126
890-1553-14	P45	Soluble	Solid	300.0	12126
890-1553-15	P44	Soluble	Solid	300.0	12126
890-1553-16	P43	Soluble	Solid	300.0	12126
890-1553-17	P42	Soluble	Solid	300.0	12126
890-1553-18	P41	Soluble	Solid	300.0	12126
890-1553-19	P40	Soluble	Solid	300.0	12126
890-1553-20	P39	Soluble	Solid	300.0	12126
MB 880-12126/1-A	Method Blank	Soluble	Solid	300.0	12126

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

HPLC/IC (Continued)

Analysis Batch: 12197 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-12126/2-A	Lab Control Sample	Soluble	Solid	300.0	12126
LCSD 880-12126/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	12126
890-1553-1 MS	P200	Soluble	Solid	300.0	12126
890-1553-1 MSD	P200	Soluble	Solid	300.0	12126
890-1553-11 MS	P48	Soluble	Solid	300.0	12126
890-1553-11 MSD	P48	Soluble	Solid	300.0	12126

Analysis Batch: 12199

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1553-41	P129	Soluble	Solid	300.0	12128
890-1553-42	P128	Soluble	Solid	300.0	12128
890-1553-43	P127	Soluble	Solid	300.0	12128
890-1553-44	P126	Soluble	Solid	300.0	12128
890-1553-45	P125	Soluble	Solid	300.0	12128
890-1553-46	P124	Soluble	Solid	300.0	12128
890-1553-47	P123	Soluble	Solid	300.0	12128
890-1553-48	P122	Soluble	Solid	300.0	12128
890-1553-49	P167	Soluble	Solid	300.0	12128
890-1553-50	P166	Soluble	Solid	300.0	12128
890-1553-51	P165	Soluble	Solid	300.0	12128
890-1553-52	P164	Soluble	Solid	300.0	12128
890-1553-53	P163	Soluble	Solid	300.0	12128
890-1553-54	P162	Soluble	Solid	300.0	12128
890-1553-55	P161	Soluble	Solid	300.0	12128
890-1553-56	P160	Soluble	Solid	300.0	12128
890-1553-57	P159	Soluble	Solid	300.0	12128
890-1553-58	P158	Soluble	Solid	300.0	12128
890-1553-59	P157	Soluble	Solid	300.0	12128
890-1553-60	P201	Soluble	Solid	300.0	12128
MB 880-12128/1-A	Method Blank	Soluble	Solid	300.0	12128
LCS 880-12128/2-A	Lab Control Sample	Soluble	Solid	300.0	12128
LCSD 880-12128/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	12128
890-1553-41 MS	P129	Soluble	Solid	300.0	12128
890-1553-41 MSD	P129	Soluble	Solid	300.0	12128
890-1553-51 MS	P165	Soluble	Solid	300.0	12128
890-1553-51 MSD	P165	Soluble	Solid	300.0	12128

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P200

Lab Sample ID: 890-1553-1

Date Collected: 11/09/21 14:15

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	11984	11/11/21 07:52	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	11985	11/11/21 19:38	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/15/21 14:12	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	11999	11/11/21 09:47	DM	XEN MID
Total/NA	Analysis	8015B NM		10			11986	11/12/21 03:24	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	12126	11/12/21 12:12	CH	XEN MID
Soluble	Analysis	300.0		1			12197	11/13/21 16:43	CH	XEN MID

Client Sample ID: P199

Lab Sample ID: 890-1553-2

Date Collected: 11/09/21 14:20

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	11825	11/10/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11888	11/11/21 01:03	MR	XEN MID
Total/NA	Prep	5035			5.02 g	5 mL	11984	11/11/21 07:52	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	11985	11/11/21 20:06	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/15/21 14:12	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	11950	11/10/21 14:24	DM	XEN MID
Total/NA	Analysis	8015B NM		10			11992	11/11/21 23:17	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	12126	11/12/21 12:12	CH	XEN MID
Soluble	Analysis	300.0		1			12197	11/13/21 16:58	CH	XEN MID

Client Sample ID: P198

Lab Sample ID: 890-1553-3

Date Collected: 11/09/21 14:25

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	11825	11/10/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11888	11/11/21 01:23	MR	XEN MID
Total/NA	Prep	5035			5.02 g	5 mL	11984	11/11/21 07:52	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	11985	11/11/21 20:33	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/15/21 14:12	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	11950	11/10/21 14:24	DM	XEN MID
Total/NA	Analysis	8015B NM		10			11992	11/11/21 23:43	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	12126	11/12/21 12:12	CH	XEN MID
Soluble	Analysis	300.0		1			12197	11/13/21 17:03	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P197

Lab Sample ID: 890-1553-4

Date Collected: 11/09/21 14:30

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	11825	11/10/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11888	11/11/21 01:43	MR	XEN MID
Total/NA	Prep	5035			4.96 g	5 mL	11984	11/11/21 07:52	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	11985	11/11/21 21:01	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/15/21 14:12	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	11950	11/10/21 14:24	DM	XEN MID
Total/NA	Analysis	8015B NM		10			11992	11/12/21 00:09	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	12126	11/12/21 12:12	CH	XEN MID
Soluble	Analysis	300.0		1			12197	11/13/21 17:08	CH	XEN MID

Client Sample ID: P196

Lab Sample ID: 890-1553-5

Date Collected: 11/09/21 14:35

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	11825	11/10/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11888	11/11/21 02:04	MR	XEN MID
Total/NA	Prep	5035			4.98 g	5 mL	12208	11/15/21 08:00	KL	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	12216	11/15/21 17:23	MR	XEN MID
Total/NA	Prep	5035			4.99 g	5 mL	11984	11/11/21 07:52	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	11985	11/11/21 21:29	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/15/21 14:12	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	11950	11/10/21 14:24	DM	XEN MID
Total/NA	Analysis	8015B NM		10			11992	11/12/21 00:36	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	12126	11/12/21 12:12	CH	XEN MID
Soluble	Analysis	300.0		1			12197	11/13/21 17:13	CH	XEN MID

Client Sample ID: P195

Lab Sample ID: 890-1553-6

Date Collected: 11/09/21 14:40

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	11825	11/10/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11888	11/11/21 02:24	MR	XEN MID
Total/NA	Prep	5035			4.98 g	5 mL	11984	11/11/21 07:52	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	11985	11/11/21 21:56	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/15/21 14:12	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	11950	11/10/21 14:24	DM	XEN MID
Total/NA	Analysis	8015B NM		5			11992	11/12/21 01:01	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	12126	11/12/21 12:12	CH	XEN MID
Soluble	Analysis	300.0		1			12197	11/13/21 17:28	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P193

Lab Sample ID: 890-1553-7

Date Collected: 11/09/21 14:45

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	11825	11/10/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	11888	11/11/21 02:45	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/15/21 14:12	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	11950	11/10/21 14:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			11992	11/11/21 21:47	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	12126	11/12/21 12:12	CH	XEN MID
Soluble	Analysis	300.0		1			12197	11/13/21 17:32	CH	XEN MID

Client Sample ID: P192

Lab Sample ID: 890-1553-8

Date Collected: 11/09/21 14:50

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	11825	11/10/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	11888	11/11/21 03:05	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	11950	11/10/21 14:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			11992	11/12/21 01:25	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	12126	11/12/21 12:12	CH	XEN MID
Soluble	Analysis	300.0		1			12197	11/13/21 17:37	CH	XEN MID

Client Sample ID: P191

Lab Sample ID: 890-1553-9

Date Collected: 11/09/21 14:55

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	11825	11/10/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11888	11/11/21 03:26	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	11950	11/10/21 14:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			11992	11/12/21 01:48	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	12126	11/12/21 12:12	CH	XEN MID
Soluble	Analysis	300.0		1			12197	11/13/21 17:42	CH	XEN MID

Client Sample ID: P190

Lab Sample ID: 890-1553-10

Date Collected: 11/09/21 15:00

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	11825	11/10/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11888	11/11/21 03:46	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P190

Lab Sample ID: 890-1553-10

Date Collected: 11/09/21 15:00

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	11950	11/10/21 14:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			11992	11/12/21 02:14	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	12126	11/12/21 12:12	CH	XEN MID
Soluble	Analysis	300.0		1			12197	11/13/21 17:47	CH	XEN MID

Client Sample ID: P48

Lab Sample ID: 890-1553-11

Date Collected: 11/09/21 07:14

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	11825	11/10/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11888	11/11/21 05:34	MR	XEN MID
Total/NA	Prep	5035			5.02 g	5 mL	12349	11/15/21 15:49	KL	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	12415	11/16/21 15:23	KL	XEN MID
Total/NA	Prep	5035			5.02 g	5 mL	11984	11/11/21 07:52	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	11985	11/11/21 22:23	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	11950	11/10/21 14:24	DM	XEN MID
Total/NA	Analysis	8015B NM		5			11992	11/12/21 03:01	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	12126	11/12/21 12:12	CH	XEN MID
Soluble	Analysis	300.0		1			12197	11/13/21 17:52	CH	XEN MID

Client Sample ID: P47

Lab Sample ID: 890-1553-12

Date Collected: 11/09/21 07:24

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	11825	11/10/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11888	11/11/21 05:55	MR	XEN MID
Total/NA	Prep	5035			5.04 g	5 mL	12349	11/15/21 15:49	KL	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	12415	11/16/21 15:43	KL	XEN MID
Total/NA	Prep	5035			4.99 g	5 mL	11984	11/11/21 07:52	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	11985	11/11/21 22:51	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	11950	11/10/21 14:24	DM	XEN MID
Total/NA	Analysis	8015B NM		5			11992	11/12/21 03:31	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	12126	11/12/21 12:12	CH	XEN MID
Soluble	Analysis	300.0		1			12197	11/13/21 18:07	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P46

Lab Sample ID: 890-1553-13

Date Collected: 11/09/21 07:23

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	11825	11/10/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11888	11/11/21 06:15	MR	XEN MID
Total/NA	Prep	5035			4.98 g	5 mL	11984	11/11/21 07:52	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	11985	11/11/21 23:19	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	11950	11/10/21 14:24	DM	XEN MID
Total/NA	Analysis	8015B NM		5			11992	11/12/21 03:56	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	12126	11/12/21 12:12	CH	XEN MID
Soluble	Analysis	300.0		1			12197	11/13/21 18:12	CH	XEN MID

Client Sample ID: P45

Lab Sample ID: 890-1553-14

Date Collected: 11/09/21 07:47

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	11825	11/10/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11888	11/11/21 06:36	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	11950	11/10/21 14:24	DM	XEN MID
Total/NA	Analysis	8015B NM		5			11992	11/12/21 04:24	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	12126	11/12/21 12:12	CH	XEN MID
Soluble	Analysis	300.0		1			12197	11/13/21 18:27	CH	XEN MID

Client Sample ID: P44

Lab Sample ID: 890-1553-15

Date Collected: 11/09/21 07:51

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	11825	11/10/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11888	11/11/21 06:56	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	11950	11/10/21 14:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			11992	11/12/21 04:47	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	12126	11/12/21 12:12	CH	XEN MID
Soluble	Analysis	300.0		1			12197	11/13/21 18:32	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P43

Lab Sample ID: 890-1553-16

Date Collected: 11/09/21 07:56

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	11825	11/10/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11888	11/11/21 07:17	MR	XEN MID
Total/NA	Prep	5035			5.03 g	5 mL	11984	11/11/21 07:52	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	11985	11/11/21 23:47	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	11950	11/10/21 14:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			11992	11/12/21 05:22	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	12126	11/12/21 12:12	CH	XEN MID
Soluble	Analysis	300.0		1			12197	11/13/21 18:36	CH	XEN MID

Client Sample ID: P42

Lab Sample ID: 890-1553-17

Date Collected: 11/09/21 08:01

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	11825	11/10/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11888	11/11/21 07:37	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	11950	11/10/21 14:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			11992	11/12/21 05:54	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	12126	11/12/21 12:12	CH	XEN MID
Soluble	Analysis	300.0		1			12197	11/13/21 18:41	CH	XEN MID

Client Sample ID: P41

Lab Sample ID: 890-1553-18

Date Collected: 11/09/21 08:07

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	11825	11/10/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11888	11/11/21 07:57	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	11950	11/10/21 14:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			11992	11/12/21 06:19	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	12126	11/12/21 12:12	CH	XEN MID
Soluble	Analysis	300.0		1			12197	11/13/21 18:46	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P40

Lab Sample ID: 890-1553-19

Date Collected: 11/09/21 08:12

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	11825	11/10/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11888	11/11/21 08:18	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	11950	11/10/21 14:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			11992	11/12/21 06:47	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	12126	11/12/21 12:12	CH	XEN MID
Soluble	Analysis	300.0		1			12197	11/13/21 18:51	CH	XEN MID

Client Sample ID: P39

Lab Sample ID: 890-1553-20

Date Collected: 11/09/21 08:21

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	11825	11/10/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11888	11/11/21 08:38	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	11950	11/10/21 14:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			11992	11/12/21 07:11	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	12126	11/12/21 12:12	CH	XEN MID
Soluble	Analysis	300.0		1			12197	11/13/21 18:56	CH	XEN MID

Client Sample ID: P38

Lab Sample ID: 890-1553-21

Date Collected: 11/09/21 08:29

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	11826	11/10/21 11:00	KL	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	11964	11/10/21 20:46	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	12001	11/11/21 10:01	DM	XEN MID
Total/NA	Analysis	8015B NM		1			11986	11/12/21 06:13	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	12127	11/12/21 12:19	CH	XEN MID
Soluble	Analysis	300.0		1			12196	11/13/21 18:07	CH	XEN MID

Client Sample ID: P37

Lab Sample ID: 890-1553-22

Date Collected: 11/09/21 09:06

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	11826	11/10/21 11:00	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11964	11/10/21 21:14	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P37

Lab Sample ID: 890-1553-22

Date Collected: 11/09/21 09:06

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	12001	11/11/21 10:01	DM	XEN MID
Total/NA	Analysis	8015B NM		5			11986	11/12/21 06:34	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	12127	11/12/21 12:19	CH	XEN MID
Soluble	Analysis	300.0		1			12196	11/13/21 18:29	CH	XEN MID

Client Sample ID: P36

Lab Sample ID: 890-1553-23

Date Collected: 11/09/21 09:15

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	11826	11/10/21 11:00	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11964	11/10/21 21:42	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	12001	11/11/21 10:01	DM	XEN MID
Total/NA	Analysis	8015B NM		1			11986	11/12/21 06:55	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	12127	11/12/21 12:19	CH	XEN MID
Soluble	Analysis	300.0		1			12196	11/13/21 18:36	CH	XEN MID

Client Sample ID: P99

Lab Sample ID: 890-1553-24

Date Collected: 11/09/21 09:35

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	12002	11/11/21 10:12	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12003	11/12/21 06:24	MR	XEN MID
Total/NA	Prep	5035			5.01 g	5 mL	12349	11/15/21 15:49	KL	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	12415	11/16/21 16:04	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	12001	11/11/21 10:01	DM	XEN MID
Total/NA	Analysis	8015B NM		10			11986	11/12/21 07:17	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	12127	11/12/21 12:19	CH	XEN MID
Soluble	Analysis	300.0		1			12196	11/13/21 18:44	CH	XEN MID

Client Sample ID: P98

Lab Sample ID: 890-1553-25

Date Collected: 11/09/21 09:41

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	12002	11/11/21 10:12	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12003	11/12/21 06:44	MR	XEN MID
Total/NA	Prep	5035			5.05 g	5 mL	12349	11/16/21 15:49	KL	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	12415	11/16/21 16:24	KL	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P98

Lab Sample ID: 890-1553-25

Date Collected: 11/09/21 09:41

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	11826	11/10/21 11:00	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11964	11/10/21 22:37	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	12001	11/11/21 10:01	DM	XEN MID
Total/NA	Analysis	8015B NM		10			11986	11/12/21 07:38	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	12127	11/12/21 12:19	CH	XEN MID
Soluble	Analysis	300.0		1			12196	11/13/21 18:51	CH	XEN MID

Client Sample ID: P97

Lab Sample ID: 890-1553-26

Date Collected: 11/09/21 09:45

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	12002	11/11/21 10:12	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12003	11/12/21 07:05	MR	XEN MID
Total/NA	Prep	5035			5.04 g	5 mL	12349	11/16/21 15:49	KL	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	12415	11/16/21 16:44	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	12001	11/11/21 10:01	DM	XEN MID
Total/NA	Analysis	8015B NM		10			11986	11/12/21 07:59	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	12127	11/12/21 12:19	CH	XEN MID
Soluble	Analysis	300.0		1			12196	11/13/21 19:13	CH	XEN MID

Client Sample ID: P96

Lab Sample ID: 890-1553-27

Date Collected: 11/09/21 09:49

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	12002	11/11/21 10:12	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12003	11/12/21 07:25	MR	XEN MID
Total/NA	Prep	5035			5.00 g	5 mL	12349	11/16/21 15:49	KL	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	12415	11/16/21 17:05	KL	XEN MID
Total/NA	Prep	5035			5.02 g	5 mL	11826	11/10/21 11:00	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11964	11/10/21 23:31	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	12001	11/11/21 10:01	DM	XEN MID
Total/NA	Analysis	8015B NM		10			11986	11/12/21 08:20	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	12127	11/12/21 12:19	CH	XEN MID
Soluble	Analysis	300.0		1			12196	11/13/21 19:20	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P95

Lab Sample ID: 890-1553-28

Date Collected: 11/09/21 09:57

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	12002	11/11/21 10:12	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12003	11/12/21 07:46	MR	XEN MID
Total/NA	Prep	5035			5.04 g	5 mL	12349	11/16/21 15:49	KL	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	12415	11/16/21 17:25	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	12001	11/11/21 10:01	DM	XEN MID
Total/NA	Analysis	8015B NM		10			11988	11/12/21 04:06	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	12127	11/12/21 12:19	CH	XEN MID
Soluble	Analysis	300.0		1			12196	11/13/21 19:28	CH	XEN MID

Client Sample ID: P94

Lab Sample ID: 890-1553-29

Date Collected: 11/09/21 10:04

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	12002	11/11/21 10:12	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12003	11/12/21 08:06	MR	XEN MID
Total/NA	Prep	5035			4.95 g	5 mL	12349	11/16/21 15:49	KL	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	12415	11/16/21 17:46	KL	XEN MID
Total/NA	Prep	5035			5.01 g	5 mL	11826	11/10/21 11:00	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11964	11/11/21 00:24	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	12001	11/11/21 10:01	DM	XEN MID
Total/NA	Analysis	8015B NM		10			11988	11/12/21 04:27	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	12127	11/12/21 12:19	CH	XEN MID
Soluble	Analysis	300.0		1			12196	11/13/21 19:35	CH	XEN MID

Client Sample ID: P93

Lab Sample ID: 890-1553-30

Date Collected: 11/09/21 10:17

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	12002	11/11/21 10:12	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12003	11/12/21 08:27	MR	XEN MID
Total/NA	Prep	5035			5.01 g	5 mL	11826	11/10/21 11:00	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11964	11/11/21 00:50	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	12001	11/11/21 10:01	DM	XEN MID
Total/NA	Analysis	8015B NM		10			11988	11/12/21 04:49	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	12127	11/12/21 12:19	CH	XEN MID
Soluble	Analysis	300.0		1			12196	11/13/21 19:42	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P92

Lab Sample ID: 890-1553-31

Date Collected: 11/09/21 10:21

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	12002	11/11/21 10:12	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12003	11/12/21 09:49	MR	XEN MID
Total/NA	Prep	5035			4.95 g	5 mL	11826	11/10/21 11:00	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11964	11/11/21 02:37	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	12001	11/11/21 10:01	DM	XEN MID
Total/NA	Analysis	8015B NM		5			11988	11/12/21 05:10	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	12127	11/12/21 12:19	CH	XEN MID
Soluble	Analysis	300.0		1			12196	11/13/21 19:50	CH	XEN MID

Client Sample ID: P91

Lab Sample ID: 890-1553-32

Date Collected: 11/09/21 10:29

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	12002	11/11/21 10:12	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12003	11/12/21 10:10	MR	XEN MID
Total/NA	Prep	5035			4.98 g	5 mL	11826	11/10/21 11:00	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11964	11/11/21 03:03	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	12001	11/11/21 10:01	DM	XEN MID
Total/NA	Analysis	8015B NM		5			11988	11/12/21 05:31	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	12127	11/12/21 12:19	CH	XEN MID
Soluble	Analysis	300.0		1			12196	11/13/21 20:12	CH	XEN MID

Client Sample ID: P90

Lab Sample ID: 890-1553-33

Date Collected: 11/09/21 10:35

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	12002	11/11/21 10:12	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12003	11/12/21 10:30	MR	XEN MID
Total/NA	Prep	5035			4.99 g	5 mL	11826	11/10/21 11:00	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11964	11/11/21 03:29	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	12001	11/11/21 10:01	DM	XEN MID
Total/NA	Analysis	8015B NM		5			11988	11/12/21 05:52	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	12127	11/12/21 12:19	CH	XEN MID
Soluble	Analysis	300.0		1			12196	11/13/21 20:19	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P89

Lab Sample ID: 890-1553-34

Date Collected: 11/09/21 10:44

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	12002	11/11/21 10:12	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12003	11/12/21 10:51	MR	XEN MID
Total/NA	Prep	5035			5.03 g	5 mL	11826	11/10/21 11:00	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11964	11/11/21 03:55	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	12001	11/11/21 10:01	DM	XEN MID
Total/NA	Analysis	8015B NM		5			11988	11/12/21 06:13	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	12127	11/12/21 12:19	CH	XEN MID
Soluble	Analysis	300.0		1			12196	11/13/21 20:41	CH	XEN MID

Client Sample ID: P88

Lab Sample ID: 890-1553-35

Date Collected: 11/09/21 10:49

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	12122	11/12/21 11:23	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12115	11/13/21 20:54	KL	XEN MID
Total/NA	Prep	5035			4.96 g	5 mL	11826	11/10/21 11:00	KL	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	11964	11/11/21 04:21	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	12001	11/11/21 10:01	DM	XEN MID
Total/NA	Analysis	8015B NM		5			11988	11/12/21 06:34	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	12127	11/12/21 12:19	CH	XEN MID
Soluble	Analysis	300.0		1			12196	11/13/21 20:49	CH	XEN MID

Client Sample ID: P87

Lab Sample ID: 890-1553-36

Date Collected: 11/09/21 10:54

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	12275	11/15/21 10:53	KL	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	12413	11/16/21 13:44	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	12001	11/11/21 10:01	DM	XEN MID
Total/NA	Analysis	8015B NM		1			11986	11/12/21 05:10	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	12127	11/12/21 12:19	CH	XEN MID
Soluble	Analysis	300.0		1			12196	11/13/21 20:56	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P133

Lab Sample ID: 890-1553-37

Date Collected: 11/09/21 11:26

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	12122	11/12/21 11:23	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12115	11/13/21 21:35	KL	XEN MID
Total/NA	Prep	5035			5.00 g	5 mL	12275	11/15/21 10:53	KL	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	12413	11/16/21 14:04	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	12001	11/11/21 10:01	DM	XEN MID
Total/NA	Analysis	8015B NM		10			11988	11/12/21 06:55	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	12127	11/12/21 12:19	CH	XEN MID
Soluble	Analysis	300.0		1			12196	11/13/21 21:03	CH	XEN MID

Client Sample ID: P132

Lab Sample ID: 890-1553-38

Date Collected: 11/09/21 11:31

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	12122	11/12/21 11:23	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12115	11/13/21 21:55	KL	XEN MID
Total/NA	Prep	5035			5.03 g	5 mL	12275	11/15/21 10:53	KL	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	12413	11/16/21 14:25	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	12001	11/11/21 10:01	DM	XEN MID
Total/NA	Analysis	8015B NM		10			11988	11/12/21 07:17	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	12127	11/12/21 12:19	CH	XEN MID
Soluble	Analysis	300.0		1			12196	11/13/21 21:11	CH	XEN MID

Client Sample ID: P131

Lab Sample ID: 890-1553-39

Date Collected: 11/09/21 11:35

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	12122	11/12/21 11:23	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12115	11/13/21 22:16	KL	XEN MID
Total/NA	Prep	5035			4.97 g	5 mL	12275	11/15/21 10:53	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	12413	11/16/21 14:45	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	12001	11/11/21 10:01	DM	XEN MID
Total/NA	Analysis	8015B NM		10			11988	11/12/21 07:38	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	12127	11/12/21 12:19	CH	XEN MID
Soluble	Analysis	300.0		1			12196	11/13/21 21:18	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P130

Lab Sample ID: 890-1553-40

Date Collected: 11/09/21 11:40

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	12122	11/12/21 11:23	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12115	11/13/21 22:36	KL	XEN MID
Total/NA	Prep	5035			4.99 g	5 mL	12275	11/15/21 10:53	KL	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	12413	11/16/21 15:05	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	12001	11/11/21 10:01	DM	XEN MID
Total/NA	Analysis	8015B NM		10			11988	11/12/21 07:59	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	12127	11/12/21 12:19	CH	XEN MID
Soluble	Analysis	300.0		1			12196	11/13/21 21:26	CH	XEN MID

Client Sample ID: P129

Lab Sample ID: 890-1553-41

Date Collected: 11/09/21 11:44

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	11823	11/10/21 11:00	KL	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	12106	11/12/21 14:06	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	12042	11/11/21 14:38	DM	XEN MID
Total/NA	Analysis	8015B NM		10			12090	11/13/21 00:22	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	12128	11/12/21 12:22	CH	XEN MID
Soluble	Analysis	300.0		1			12199	11/13/21 22:24	CH	XEN MID

Client Sample ID: P128

Lab Sample ID: 890-1553-42

Date Collected: 11/09/21 11:49

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	11823	11/10/21 11:00	KL	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	12106	11/12/21 14:34	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	12042	11/11/21 14:38	DM	XEN MID
Total/NA	Analysis	8015B NM		10			12090	11/13/21 00:44	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	12128	11/12/21 12:22	CH	XEN MID
Soluble	Analysis	300.0		1			12199	11/13/21 22:47	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P127

Lab Sample ID: 890-1553-43

Date Collected: 11/09/21 11:53

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	11823	11/10/21 11:00	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12106	11/12/21 15:01	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	12042	11/11/21 14:38	DM	XEN MID
Total/NA	Analysis	8015B NM		5			12090	11/13/21 01:06	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	12128	11/12/21 12:22	CH	XEN MID
Soluble	Analysis	300.0		1			12199	11/13/21 22:54	CH	XEN MID

Client Sample ID: P126

Lab Sample ID: 890-1553-44

Date Collected: 11/09/21 12:00

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	11823	11/10/21 11:00	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12106	11/12/21 15:28	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	12042	11/11/21 14:38	DM	XEN MID
Total/NA	Analysis	8015B NM		5			12090	11/13/21 01:30	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	12128	11/12/21 12:22	CH	XEN MID
Soluble	Analysis	300.0		1			12199	11/13/21 23:01	CH	XEN MID

Client Sample ID: P125

Lab Sample ID: 890-1553-45

Date Collected: 11/09/21 12:38

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	11823	11/10/21 11:00	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12106	11/12/21 15:56	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	12042	11/11/21 14:38	DM	XEN MID
Total/NA	Analysis	8015B NM		5			12090	11/13/21 01:52	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	12128	11/12/21 12:22	CH	XEN MID
Soluble	Analysis	300.0		1			12199	11/13/21 23:09	CH	XEN MID

Client Sample ID: P124

Lab Sample ID: 890-1553-46

Date Collected: 11/09/21 12:50

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	11823	11/10/21 11:00	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12106	11/12/21 16:22	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P124

Lab Sample ID: 890-1553-46

Date Collected: 11/09/21 12:50

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	12042	11/11/21 14:38	DM	XEN MID
Total/NA	Analysis	8015B NM		10			12090	11/13/21 02:14	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	12128	11/12/21 12:22	CH	XEN MID
Soluble	Analysis	300.0		1			12199	11/13/21 23:31	CH	XEN MID

Client Sample ID: P123

Lab Sample ID: 890-1553-47

Date Collected: 11/09/21 12:55

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	11823	11/10/21 11:00	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12106	11/12/21 16:49	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	12042	11/11/21 14:38	DM	XEN MID
Total/NA	Analysis	8015B NM		5			12090	11/13/21 02:37	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	12128	11/12/21 12:22	CH	XEN MID
Soluble	Analysis	300.0		1			12199	11/13/21 23:38	CH	XEN MID

Client Sample ID: P122

Lab Sample ID: 890-1553-48

Date Collected: 11/09/21 13:01

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	11823	11/10/21 11:00	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12106	11/12/21 17:15	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	12042	11/11/21 14:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			12090	11/12/21 23:59	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	12128	11/12/21 12:22	CH	XEN MID
Soluble	Analysis	300.0		1			12199	11/13/21 23:45	CH	XEN MID

Client Sample ID: P167

Lab Sample ID: 890-1553-49

Date Collected: 11/09/21 13:17

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	11823	11/10/21 11:00	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12106	11/12/21 17:42	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	12042	11/11/21 14:38	DM	XEN MID
Total/NA	Analysis	8015B NM		10			12090	11/13/21 03:00	AJ	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P167

Lab Sample ID: 890-1553-49

Date Collected: 11/09/21 13:17

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	12128	11/12/21 12:22	CH	XEN MID
Soluble	Analysis	300.0		1			12199	11/13/21 23:53	CH	XEN MID

Client Sample ID: P166

Lab Sample ID: 890-1553-50

Date Collected: 11/09/21 13:21

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	11823	11/10/21 11:00	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12106	11/12/21 18:10	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	12042	11/11/21 14:38	DM	XEN MID
Total/NA	Analysis	8015B NM		10			12090	11/13/21 03:45	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	12128	11/12/21 12:22	CH	XEN MID
Soluble	Analysis	300.0		1			12199	11/14/21 00:00	CH	XEN MID

Client Sample ID: P165

Lab Sample ID: 890-1553-51

Date Collected: 11/09/21 13:26

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	11823	11/10/21 11:00	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12106	11/12/21 20:01	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	12042	11/11/21 14:38	DM	XEN MID
Total/NA	Analysis	8015B NM		10			12090	11/13/21 04:10	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	12128	11/12/21 12:22	CH	XEN MID
Soluble	Analysis	300.0		1			12199	11/14/21 00:07	CH	XEN MID

Client Sample ID: P164

Lab Sample ID: 890-1553-52

Date Collected: 11/09/21 13:29

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	12275	11/15/21 10:53	KL	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	12413	11/16/21 15:26	MR	XEN MID
Total/NA	Prep	5035			5.02 g	5 mL	11823	11/10/21 11:00	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12106	11/12/21 20:28	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	12042	11/11/21 14:38	DM	XEN MID
Total/NA	Analysis	8015B NM		10			12090	11/13/21 04:37	AJ	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P164

Lab Sample ID: 890-1553-52

Date Collected: 11/09/21 13:29

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	12128	11/12/21 12:22	CH	XEN MID
Soluble	Analysis	300.0		1			12199	11/14/21 00:30	CH	XEN MID

Client Sample ID: P163

Lab Sample ID: 890-1553-53

Date Collected: 11/09/21 13:35

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	11823	11/10/21 11:00	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12106	11/12/21 20:56	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	12042	11/11/21 14:38	DM	XEN MID
Total/NA	Analysis	8015B NM		10			12090	11/13/21 05:00	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	12128	11/12/21 12:22	CH	XEN MID
Soluble	Analysis	300.0		1			12199	11/14/21 00:37	CH	XEN MID

Client Sample ID: P162

Lab Sample ID: 890-1553-54

Date Collected: 11/09/21 13:40

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	11823	11/10/21 11:00	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12106	11/12/21 21:23	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	12042	11/11/21 14:38	DM	XEN MID
Total/NA	Analysis	8015B NM		10			12090	11/13/21 05:24	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	12128	11/12/21 12:22	CH	XEN MID
Soluble	Analysis	300.0		1			12199	11/14/21 00:59	CH	XEN MID

Client Sample ID: P161

Lab Sample ID: 890-1553-55

Date Collected: 11/09/21 13:45

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	11823	11/10/21 11:00	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12106	11/12/21 21:50	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	12042	11/11/21 14:38	DM	XEN MID
Total/NA	Analysis	8015B NM		5			12090	11/13/21 05:48	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	12128	11/12/21 12:22	CH	XEN MID
Soluble	Analysis	300.0		1			12199	11/14/21 01:06	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P160

Lab Sample ID: 890-1553-56

Date Collected: 11/09/21 13:50

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	11823	11/10/21 11:00	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12106	11/12/21 22:16	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	12042	11/11/21 14:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			12090	11/12/21 22:52	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	12128	11/12/21 12:22	CH	XEN MID
Soluble	Analysis	300.0		1			12199	11/14/21 01:14	CH	XEN MID

Client Sample ID: P159

Lab Sample ID: 890-1553-57

Date Collected: 11/09/21 13:55

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	11823	11/10/21 11:00	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12106	11/12/21 22:44	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	12042	11/11/21 14:38	DM	XEN MID
Total/NA	Analysis	8015B NM		1			12090	11/13/21 06:09	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	12128	11/12/21 12:22	CH	XEN MID
Soluble	Analysis	300.0		1			12199	11/14/21 01:21	CH	XEN MID

Client Sample ID: P158

Lab Sample ID: 890-1553-58

Date Collected: 11/09/21 14:00

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	11823	11/10/21 11:00	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12106	11/12/21 23:12	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	12042	11/11/21 14:38	DM	XEN MID
Total/NA	Analysis	8015B NM		5			12090	11/13/21 06:30	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	12128	11/12/21 12:22	CH	XEN MID
Soluble	Analysis	300.0		1			12199	11/14/21 01:28	CH	XEN MID

Client Sample ID: P157

Lab Sample ID: 890-1553-59

Date Collected: 11/09/21 14:05

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	11823	11/10/21 11:00	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12106	11/12/21 23:40	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Client Sample ID: P157

Lab Sample ID: 890-1553-59

Date Collected: 11/09/21 14:05

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	12042	11/11/21 14:38	DM	XEN MID
Total/NA	Analysis	8015B NM		5			12090	11/13/21 06:55	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	12128	11/12/21 12:22	CH	XEN MID
Soluble	Analysis	300.0		1			12199	11/14/21 01:36	CH	XEN MID

Client Sample ID: P201

Lab Sample ID: 890-1553-60

Date Collected: 11/09/21 14:10

Matrix: Solid

Date Received: 11/09/21 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	12275	11/15/21 10:53	KL	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	12413	11/16/21 15:46	MR	XEN MID
Total/NA	Prep	5035			4.97 g	5 mL	11823	11/10/21 11:00	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12106	11/13/21 00:07	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12045	11/11/21 15:24	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	12042	11/11/21 14:38	DM	XEN MID
Total/NA	Analysis	8015B NM		5			12090	11/13/21 07:17	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	12128	11/12/21 12:22	CH	XEN MID
Soluble	Analysis	300.0		1			12199	11/14/21 01:43	CH	XEN MID

Laboratory References:

XEN MID = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Laboratory: Eurofins Xenco, Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

XEN MID = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-1553-1	P200	Solid	11/09/21 14:15	11/09/21 15:54	3
890-1553-2	P199	Solid	11/09/21 14:20	11/09/21 15:54	3
890-1553-3	P198	Solid	11/09/21 14:25	11/09/21 15:54	3
890-1553-4	P197	Solid	11/09/21 14:30	11/09/21 15:54	3
890-1553-5	P196	Solid	11/09/21 14:35	11/09/21 15:54	3
890-1553-6	P195	Solid	11/09/21 14:40	11/09/21 15:54	3
890-1553-7	P193	Solid	11/09/21 14:45	11/09/21 15:54	3
890-1553-8	P192	Solid	11/09/21 14:50	11/09/21 15:54	3
890-1553-9	P191	Solid	11/09/21 14:55	11/09/21 15:54	3
890-1553-10	P190	Solid	11/09/21 15:00	11/09/21 15:54	3
890-1553-11	P48	Solid	11/09/21 07:14	11/09/21 15:54	3
890-1553-12	P47	Solid	11/09/21 07:24	11/09/21 15:54	3
890-1553-13	P46	Solid	11/09/21 07:23	11/09/21 15:54	3
890-1553-14	P45	Solid	11/09/21 07:47	11/09/21 15:54	3
890-1553-15	P44	Solid	11/09/21 07:51	11/09/21 15:54	3
890-1553-16	P43	Solid	11/09/21 07:56	11/09/21 15:54	3
890-1553-17	P42	Solid	11/09/21 08:01	11/09/21 15:54	3
890-1553-18	P41	Solid	11/09/21 08:07	11/09/21 15:54	3
890-1553-19	P40	Solid	11/09/21 08:12	11/09/21 15:54	SURFACE
890-1553-20	P39	Solid	11/09/21 08:21	11/09/21 15:54	SURFACE
890-1553-21	P38	Solid	11/09/21 08:29	11/09/21 15:54	SURFACE
890-1553-22	P37	Solid	11/09/21 09:06	11/09/21 15:54	SURFACE
890-1553-23	P36	Solid	11/09/21 09:15	11/09/21 15:54	SURFACE
890-1553-24	P99	Solid	11/09/21 09:35	11/09/21 15:54	3
890-1553-25	P98	Solid	11/09/21 09:41	11/09/21 15:54	3
890-1553-26	P97	Solid	11/09/21 09:45	11/09/21 15:54	3
890-1553-27	P96	Solid	11/09/21 09:49	11/09/21 15:54	3
890-1553-28	P95	Solid	11/09/21 09:57	11/09/21 15:54	3
890-1553-29	P94	Solid	11/09/21 10:04	11/09/21 15:54	3
890-1553-30	P93	Solid	11/09/21 10:17	11/09/21 15:54	3
890-1553-31	P92	Solid	11/09/21 10:21	11/09/21 15:54	3
890-1553-32	P91	Solid	11/09/21 10:29	11/09/21 15:54	3
890-1553-33	P90	Solid	11/09/21 10:35	11/09/21 15:54	3
890-1553-34	P89	Solid	11/09/21 10:44	11/09/21 15:54	3
890-1553-35	P88	Solid	11/09/21 10:49	11/09/21 15:54	3
890-1553-36	P87	Solid	11/09/21 10:54	11/09/21 15:54	3
890-1553-37	P133	Solid	11/09/21 11:26	11/09/21 15:54	3
890-1553-38	P132	Solid	11/09/21 11:31	11/09/21 15:54	3
890-1553-39	P131	Solid	11/09/21 11:35	11/09/21 15:54	3
890-1553-40	P130	Solid	11/09/21 11:40	11/09/21 15:54	3
890-1553-41	P129	Solid	11/09/21 11:44	11/09/21 15:54	3
890-1553-42	P128	Solid	11/09/21 11:49	11/09/21 15:54	3
890-1553-43	P127	Solid	11/09/21 11:53	11/09/21 15:54	3
890-1553-44	P126	Solid	11/09/21 12:00	11/09/21 15:54	3
890-1553-45	P125	Solid	11/09/21 12:38	11/09/21 15:54	3
890-1553-46	P124	Solid	11/09/21 12:50	11/09/21 15:54	3
890-1553-47	P123	Solid	11/09/21 12:55	11/09/21 15:54	3
890-1553-48	P122	Solid	11/09/21 13:01	11/09/21 15:54	3
890-1553-49	P167	Solid	11/09/21 13:17	11/09/21 15:54	3
890-1553-50	P166	Solid	11/09/21 13:21	11/09/21 15:54	3
890-1553-51	P165	Solid	11/09/21 13:26	11/09/21 15:54	3
890-1553-52	P164	Solid	11/09/21 13:29	11/09/21 15:54	3
890-1553-53	P163	Solid	11/09/21 13:35	11/09/21 15:54	3
890-1553-54	P162	Solid	11/09/21 13:40	11/09/21 15:54	3

Sample Summary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1553-1
SDG: 21-9007

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-1553-55	P161	Solid	11/09/21 13:45	11/09/21 15:54	3
890-1553-56	P160	Solid	11/09/21 13:50	11/09/21 15:54	3
890-1553-57	P159	Solid	11/09/21 13:55	11/09/21 15:54	3
890-1553-58	P158	Solid	11/09/21 14:00	11/09/21 15:54	3
890-1553-59	P157	Solid	11/09/21 14:05	11/09/21 15:54	3
890-1553-60	P201	Solid	11/09/21 14:10	11/09/21 15:54	3



Environment Testing
Xenco

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Chain of Custody

Work Order No: 21-9007

www.xenco.com Page 1 of 10

Project Manager:	James Vanasse	Bill to: (if different)	
Company Name:	Resolute Compliance	Company Name:	
Address:	115 FM 3453 Suite A	Address:	
City, State ZIP:	Round City, TX 75189	City, State ZIP:	
Phone:	978 842-4304	Email:	sva@resolutecompliance.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:	UM Bivestem Oil	Turn Around	☐ Routine ☒ Rush	Pres. Code	
Project Number:		Due Date:	2 DAY		
Project Location:		TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:		Wet Ice:	☒ Yes ☐ No		
PO #:		Thermometer ID:	TM-503		
SAMPLE RECEIPT	Temp Blank:	Yes	No		
Samples Received Intact:	Yes	No			
Cooler Custody Seals:	Yes	No			
Sample Custody Seals:	Yes	No			
Total Containers:	Yes	No			
	Corrected Temperature:	1.2			



890-1553 Chain of Custody

ANALYSIS REQUEST	
None: NO	DI Water: H ₂ O
Cool: Cool	MeOH: Me
HCL: HC	HNO ₃ : HN
H ₂ SO ₄ : H ₂	NaOH: Na
H ₃ PO ₄ : HP	
NaHSO ₄ : NABIS	
Na ₂ S ₂ O ₃ : NaSO ₃	
Zn Acetate+NaOH: Zn	
NaOH+Ascorbic Acid: SACP	

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab Comp	# of Cont	Parameters
P200	sol	11/9/21	1415 PM	3"	comp	1	BTEX TPH Chlorides
P199			1420 PM				
P199			1425 PM				
P197			1430 PM				
P196			1435 PM				
P195			1440 PM				
P193			1445 PM				
P192			1450 PM				
P191			1455 PM				
P190			1500 PM				

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed: TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Note: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		11.9.21 1554			



Environment Testing Xenco

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Chain of Custody

Work Order No: _____

www.xenco.com

Page 2 of 6

Project Manager:	James Vanasse	Bill to: (if different)	
Company Name:	Resolute Compliance	Company Name:	
Address:	1151m 2453 Suite A	Address:	
City, State ZIP:	Boysen City, TX 75189	City, State ZIP:	
Phone:	(972) 842 4304	Email:	JVA@resolutecompliance.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:	LM Blue Stem D.I.	Turn Around	Pres. Code	ANALYSIS REQUEST	Preservative Codes
Project Number:		☐ Routine ☐ Rush			None: NO DI Water: H ₂ O
Project Location:		Due Date:			Cool: Cool MeOH: Me
Sampler's Name:		TAT starts the day received by the lab, if received by 4:30pm			HCL: HC HNO ₃ : HN
PO #:					H ₂ SO ₄ : H ₂ NaOH: Na
SAMPLE RECEIPT	Temp Blank: Yes No	Wet Ice: Yes No			H ₃ PO ₄ : HP
Samples Received Intact:	Yes No	Thermometer ID:			NaHSO ₄ : NABIS
Cooler Custody Seals:	Yes No	Correction Factor:			Na ₂ S ₂ O ₅ : NaSO ₃
Sample Custody Seals:	Yes No	Temperature Reading:			Zn Acetate+NaOH: Zn
Total Containers:	Yes No	Corrected Temperature:			NaOH+Ascorbic Acid: SANC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters	Sample Comments
P48	Soil	11/9/21	0714am	3"	Comp	1	BTEX TPH Chlorides	
P47			0724am					
P46			0728am					
P45			0747am					
P44			0751am					
P43			0756am					
P42			0801am					
P41			0807am					
P40			0812am					
P39			0821am					

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed: TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$55.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		11/9/21			



Environment Testing
Xenco

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Chain of Custody

Work Order No:

www.xenco.com Page 3 of 6

Project Manager:	James Vanaasche	Bill to: (if different)	
Company Name:	Resolute Compliance	Company Name:	
Address:	115 FM 2453 Suite A	Address:	
City, State ZIP:	Bayse City, TX 75189	City, State ZIP:	
Phone:	972.842.4304	Email:	sva@resolutecompliance.com

Work Order Comments

Program: UST/PST ☐ RRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADAPT ☐ Other:

[illegible]

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	B	T	Ch
P38	Soil	11-9-21	082Am	Surface Comp.					
P37			090Am	Surface					
P36			0915am	surface					
Pq9			0935am	3"					
Pq8			0941am						
Pq7			0945am						
Pq6			0949am						
Pq5			0957am						
Pq4			1004am						
Pq3			1017am						

	200.7 / 6010	200.8 / 6020:
Total	200.7 / 6010	200.8 / 6020:
8RCRA	13PPM	Texas 11
Al	Sb	As
Ba	Be	B
Cd	Ca	Cr
Co	Cu	Fe
Pb	Mg	Mn
Mo	Ni	K
Se	Ag	SiO ₂
Na	Sr	Ti
Sn	U	V
Zn		
Circle Method(s) and Metal(s) to be analyzed	TCLP / SPLP 6010:	8RCRA
Sb	As	Ba
Be	Cd	Cr
Co	Cu	Pb
Mn	Mo	Ni
Se	Ag	Ti
U		
Hg:	1631 / 245.1 / 7470 / 7471	

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xeno, its affiliates and subcontractors. It assigns trademark, terms and conditions of service. Eurofins Xeno will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xeno. A minimum charge of \$35.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xeno, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		11-5-21 1542			

Revised Date: 08/25/2020 Rev. 2024



Environment Testing
Xenco

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Chain of Custody

Work Order No:

www.xenco.com Page 9 of 10

Project Manager:	James Vanasse		Bill to: (if different)	
Company Name:	Resolute Compliance		Company Name:	
Address:	115 Fm 253 Suite A		Address:	
City, State ZIP:	Poyse City TX 75189		City, State ZIP:	
Phone:	972.842.4204	Email:		

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADAPT ☐ Other: _____

Project Name:		LM Bivestem Di1		Turn Around												Pres. Code		ANALYSIS REQUEST										Preservative Codes							
Project Number:				☐ Routine ☐ Rush																								None: NO							
Project Location:				Due Date:																								Cool: Cool							
Sampler's Name:				TAT starts the day received by the lab, if received by 4:30pm																								MeOH: Me HCL: HC HNO ₃ : HN							
PO #:																												H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No																								H ₃ PO ₄ : HP			
Samples Received Intact:		Yes No		Thermometer:		Correction Factor:																								NaHSO ₄ : NABIS					
Cooler Custody Seals:		Yes No		N/A		Temperature Reading:																								Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals:		Yes No		N/A		Corrected Temperature:																								Zn Acetate+NaOH: Zn					
Total Containers:																														NaOH+Ascorbic Acid: SASC					

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont
P92	S01	11-9-21	10:21am	3'	CONE	1
P91			10:47am			
P90			10:56am			
P89			10:44am			
P88			10:49am			
P87			10:21am			
D133			11:26am			
P132			11:31am			
P131			11:35am			
P130			11:46am			

Total	200.7 / 6010	200.8 / 6020:
8RCRA	13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn	
TCLP/SPLP 6010:	8RCRA SD As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag TI U	Hg: 1631 / 245.1 / 7470 / 7471

Notices: Signature of this document attesting to the validity of the purchase order from client company to Eurofins Xeno, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xeno will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xeno. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xeno, but not analyzed. These terms will be enforced unless previously negotiated in writing.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		11.9.21			



Environment Testing
Xenco

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Chain of Custody

Work Order No: _____

www.xenco.com Page 5 of 6

Project Manager:	James Menasche	Bill to: (if different)	
Company Name:	Resolute Compliance	Company Name:	
Address:	115 FM 2453, Suite A	Address:	
City, State ZIP:	Rowley City, TX 75189	City, State ZIP:	
Phone:	972.842.4304	Email:	info@resolutecompliance.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:	LM BlueStem oil	Turn Around	Pres. Code	ANALYSIS REQUEST										Preservative Codes			
Project Number:		☐ Routine ☐ Rush														None: NO	DI Water: H ₂ O
Project Location:		Due Date:														Cool: Cool	MeOH: Me
Sampler's Name:		TAT starts the day received by the lab, if received by 4:30pm														HCL: HC	HNO ₃ : HN
PO #:																H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes No	Well: Yes No													H ₃ PO ₄ : HP	
Samples Received Intact:	Yes No	Thermometer ID:														NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes No	Correction Factor:														Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes No	Temperature Reading:														Zn Acetate+NaOH: Zn	
Total Containers:		Corrected Temperature:														NaOH+Ascorbic Acid: SPC	

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters										Sample Comments									
P129	Soil	11.9.21	1144am	3"	Comp	1	BTEx																			
P128			1149am				TPH																			
P127			1153am				Chlorides																			
P126			1200pm																							
P125			1238pm																							
P124			1250pm																							
P123			1255pm																							
P122			1301pm																							
P121			1317pm																							
P120			1321pm																							

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed: TGLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		11.9.21			



Environment Testing
Xenco

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 968-3199

Chain of Custody

Work Order No: _____

www.xenco.com Page _____ of _____

Project Manager:	James Vancusche	Bill to: (if different)	
Company Name:	Resolute Compliance	Company Name:	
Address:	115 FM 2453 Suite A	Address:	
City, State ZIP:	Rayse City, TX 75189	City, State ZIP:	
Phone:	972-848-4304	Email:	JVA@resolutecompliance.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:	LM Bluestem oil	Turn Around	☐ Routine ☐ Rush	Pres. Code		ANALYSIS REQUEST										Preservative Codes		
Project Number:																None: NO	DI Water: H ₂ O	
Project Location:		Due Date:														Cool: Cool	MeOH: Me	
Sampler's Name:		TAT starts the day received by the lab, if received by 4:30pm														HCL: HC	HNO ₃ : HN	
PO #:																H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT		Temp Blank:	Yes No	Thermometer ID:	Wet Ice:	Yes No											H ₃ PO ₄ : HP	
Samples Received Inact:	Yes No																NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes No	N/A	Correction Factor:														Na ₂ S ₂ O ₅ : NaSO ₃	
Sample Custody Seals:	Yes No	N/A	Temperature Reading:														Zn Acetate+NaOH: Zn	
Total Containers:			Corrected Temperature:														NaOH+Ascorbic Acid: SANC	

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont											Sample Comments
P165	Soil	11/9/21	1332pm	3"	Comp	1											
P167																	
P163			1334pm														
P162			1335pm														
P161			1340pm														
P160			1345pm														
P159			1350pm														
P158			1350pm														
P157			1400pm														
P156			1405pm														
P155			1410pm														

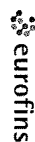
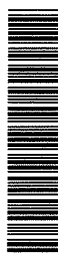
Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed: TELP/PELP 8010: 8RCRA SB AS BA BE CD CR CO CU PB MN MO NI SE AG TI U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		11/9/21			

1
2
3
4
5
6
7
8
9
10
11
12
13
14

Chain of Custody Record



Environment Testing America

1089 N Canal St
Carlsbad NM 88220
Phone. 575-988-3199 Fax: 575-988-3199

[illegible]

Chain of Custody Record

1089 N Canal St
Carlsbad NM 88220
Phone: 575-688-3100 Fax: 575-688-3100

eurofins
Environment Testing
America

Client Information (Sub Contract Lab)						Sampler	Lab PM	COC No
Client Contact:						Kramer Jessica	Carrier Tracking No(s)	890-501 2
Shipping/Receiving						E-Mail jessica.kramer@eurofinsllc.com	State of Origin New Mexico	Page: Page 2 of 7
Eurofins Xenco						Accreditations Required (See note): NELAP - Texas		Job #: 890-1553-1
Address 1211 W Florida Ave Midland TX 79701						Due Date Requested 11/12/2021		TAT Requested (days)
Phone: 432-704-5440 (Tel) Email						PO #: WO #		
Project Name IM Bluestem Oil						Project # 88000117		
Site						SSOW#		
Sample Identification - Client ID (Lab ID)						Sample Date		Sample Time
						Sample Type (G=comp, B=Tissue, A=Air)		Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air)
						Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)
						8016MOD_NM/8016NM_S_Prep Full TPH		
						8021BI/5035FP_Calc BTEX		
						8016MOD_Calc		
						300_ORGFMM_28D/DI_LEACH Chloride		
						Total Number of containers		
						Special Instructions/Note:		
P190 (890-1553-10)	11/9/21	15 00	Mountain	Solid	X	X	X	X
P48 (890-1553-11)	11/9/21	07 14	Mountain	Solid	X	X	X	X
P47 (890-1553-12)	11/9/21	07 24	Mountain	Solid	X	X	X	X
P46 (890-1553-13)	11/9/21	07 23	Mountain	Solid	X	X	X	X
P45 (890-1553-14)	11/9/21	07 47	Mountain	Solid	X	X	X	X
P44 (890-1553-15)	11/9/21	07 51	Mountain	Solid	X	X	X	X
P43 (890-1553-16)	11/9/21	07 56	Mountain	Solid	X	X	X	X
P42 (890-1553-17)	11/9/21	08 01	Mountain	Solid	X	X	X	X
P41 (890-1553-18)	11/9/21	08 07	Mountain	Solid	X	X	X	X
Note: Since laboratory accreditations are subject to change Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysts/test/matrix being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Xenco LLC.								
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		
Unconfirmed						☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months		
Deliverable Requested I II III IV Other (specify)						Primary Deliverable Rank: 2		
Empty Kit Relinquished by:						Date	Time	Method of Shipment:
Relinquished by: <i>[Signature]</i>						Date/Time	Company	Received by: <i>[Signature]</i>
Relinquished by:						Date/Time	Company	Received by:
Relinquished by:						Date/Time	Company	Received by:
Custody Seals Intact						Cooler Temperature(s) °C and Other Remarks:		
Δ Yes Δ No								

1
2
3
4
5
6
7
8
9
10
11
12
13
14

Eurofins Xenco, Carlsbad

1089 N Canal St.

Carlsbad NM 88220

Phone: 575-988-3199 Fax: 575-988-3199

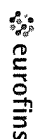
Chain of Custody Record

Environment Testing
America

Client Information (Sub Contract Lab)				Sampler	Lab PM	Carrier Tracking No(s)	COC No.
Client Contact: Eurofins Xenco				Phone:	Kramer Jessica		890-5013
Shipping/Receiving				E-Mail	jessica.kramer@eurofins.com	State of Origin:	Page 3 of 7
Address: 1211 W Florida Ave				Accreditations Required (See note):			
City: Midland				NELAP - Texas			
State: TX				Job #			
TX 79701				890-1553-1			
Phone: 432-704-5440(Tel)				Preservation Codes			
Email:				A. HCL B. NaOH C. Zn Acetate D. Nitric Acid E. NaHSO4 F. MeOH G. Amchlor H. Ascorbic Acid I. Ice J. DI Water K. EDTA L. EDA M. Hexane N. None O. Acetone P. Na2CO3 Q. Na2SO3 R. Na2S2O3 S. H2SO4 T. TSP Dodecylate U. Acetone V. MCAA W. pH 4.5 Z. other (specify)			
Project Name: IM Bluestem Oil				Project #:			
Site:				SSOM#:			
Sample Identification - Client ID (Lab ID)				Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BI=tissue, AA=)
P40 (890-1553-19)				11/9/21	08 12		Solid
P39 (890-1553-20)				11/9/21	08 21		Solid
P38 (890-1553-21)				11/9/21	08 29		Solid
P37 (890-1553-22)				11/9/21	09 06		Solid
P36 (890-1553-23)				11/9/21	09 15		Solid
P35 (890-1553-24)				11/9/21	09 35		Solid
P34 (890-1553-25)				11/9/21	09 41		Solid
P33 (890-1553-26)				11/9/21	09 45		Solid
P32 (890-1553-27)				11/9/21	09 49		Solid
P31 (890-1553-28)				11/9/21	09 49		Solid
P30 (890-1553-29)				11/9/21	09 49		Solid
P29 (890-1553-30)				11/9/21	09 49		Solid
P28 (890-1553-31)				11/9/21	09 49		Solid
P27 (890-1553-32)				11/9/21	09 49		Solid
P26 (890-1553-33)				11/9/21	09 49		Solid
P25 (890-1553-34)				11/9/21	09 49		Solid
P24 (890-1553-35)				11/9/21	09 49		Solid
P23 (890-1553-36)				11/9/21	09 49		Solid
P22 (890-1553-37)				11/9/21	09 49		Solid
P21 (890-1553-38)				11/9/21	09 49		Solid
P20 (890-1553-39)				11/9/21	09 49		Solid
P19 (890-1553-40)				11/9/21	09 49		Solid
P18 (890-1553-41)				11/9/21	09 49		Solid
P17 (890-1553-42)				11/9/21	09 49		Solid
P16 (890-1553-43)				11/9/21	09 49		Solid
P15 (890-1553-44)				11/9/21	09 49		Solid
P14 (890-1553-45)				11/9/21	09 49		Solid
P13 (890-1553-46)				11/9/21	09 49		Solid
P12 (890-1553-47)				11/9/21	09 49		Solid
P11 (890-1553-48)				11/9/21	09 49		Solid
P10 (890-1553-49)				11/9/21	09 49		Solid
P9 (890-1553-50)				11/9/21	09 49		Solid
P8 (890-1553-51)				11/9/21	09 49		Solid
P7 (890-1553-52)				11/9/21	09 49		Solid
P6 (890-1553-53)				11/9/21	09 49		Solid
P5 (890-1553-54)				11/9/21	09 49		Solid
P4 (890-1553-55)				11/9/21	09 49		Solid
P3 (890-1553-56)				11/9/21	09 49		Solid
P2 (890-1553-57)				11/9/21	09 49		Solid
P1 (890-1553-58)				11/9/21	09 49		Solid
P0 (890-1553-59)				11/9/21	09 49		Solid
P-1 (890-1553-60)				11/9/21	09 49		Solid
P-2 (890-1553-61)				11/9/21	09 49		Solid
P-3 (890-1553-62)				11/9/21	09 49		Solid
P-4 (890-1553-63)				11/9/21	09 49		Solid
P-5 (890-1553-64)				11/9/21	09 49		Solid
P-6 (890-1553-65)				11/9/21	09 49		Solid
P-7 (890-1553-66)				11/9/21	09 49		Solid
P-8 (890-1553-67)				11/9/21	09 49		Solid
P-9 (890-1553-68)				11/9/21	09 49		Solid
P-10 (890-1553-69)				11/9/21	09 49		Solid
P-11 (890-1553-70)				11/9/21	09 49		Solid
P-12 (890-1553-71)				11/9/21	09 49		Solid
P-13 (890-1553-72)				11/9/21	09 49		Solid
P-14 (890-1553-73)				11/9/21	09 49		Solid
P-15 (890-1553-74)				11/9/21	09 49		Solid
P-16 (890-1553-75)				11/9/21	09 49		Solid
P-17 (890-1553-76)				11/9/21	09 49		Solid
P-18 (890-1553-77)				11/9/21	09 49		Solid
P-19 (890-1553-78)				11/9/21	09 49		Solid
P-20 (890-1553-79)				11/9/21	09 49		Solid
P-21 (890-1553-80)				11/9/21	09 49		Solid
P-22 (890-1553-81)				11/9/21	09 49		Solid
P-23 (890-1553-82)				11/9/21	09 49		Solid
P-24 (890-1553-83)				11/9/21	09 49		Solid
P-25 (890-1553-84)				11/9/21	09 49		Solid
P-26 (890-1553-85)				11/9/21	09 49		Solid
P-27 (890-1553-86)				11/9/21	09 49		Solid
P-28 (890-1553-87)				11/9/21	09 49		Solid
P-29 (890-1553-88)				11/9/21	09 49		Solid
P-30 (890-1553-89)				11/9/21	09 49		Solid
P-31 (890-1553-90)				11/9/21	09 49		Solid
P-32 (890-1553-91)				11/9/21	09 49		Solid
P-33 (890-1553-92)				11/9/21	09 49		Solid
P-34 (890-1553-93)				11/9/21	09 49		Solid
P-35 (890-1553-94)				11/9/21	09 49		Solid
P-36 (890-1553-95)				11/9/21	09 49		Solid
P-37 (890-1553-96)				11/9/21	09 49		Solid
P-38 (890-1553-97)				11/9/21	09 49		Solid
P-39 (890-1553-98)				11/9/21	09 49		Solid
P-40 (890-1553-99)				11/9/21	09 49		Solid
P-41 (890-1553-100)				11/9/21	09 49		Solid
P-42 (890-1553-101)				11/9/21	09 49		Solid
P-43 (890-1553-102)				11/9/21	09 49		Solid
P-44 (890-1553-103)				11/9/21	09 49		Solid
P-45 (890-1553-104)				11/9/21	09 49		Solid
P-46 (890-1553-105)				11/9/21	09 49		Solid
P-47 (890-1553-106)				11/9/21	09 49		Solid
P-48 (890-1553-107)				11/9/21	09 49		Solid
P-49 (890-1553-108)				11/9/21	09 49		Solid
P-50 (890-1553-109)				11/9/21	09 49		Solid
P-51 (890-1553-110)				11/9/21	09 49		Solid
P-52 (890-1553-111)				11/9/21	09 49		Solid
P-53 (890-1553-112)				11/9/21	09 49		Solid
P-54 (890-1553-113)				11/9/21	09 49		Solid
P-55 (890-1553-114)				11/9/21	09 49		Solid
P-56 (890-1553-115)				11/9/21	09 49		Solid
P-57 (890-1553-116)				11/9/21	09 49		Solid
P-58 (890-1553-117)				11/9/21	09 49		Solid
P-59 (890-1553-118)				11/9/21	09 49		Solid
P-60 (890-1553-119)				11/9/21	09 49		Solid
P-61 (890-1553-120)				11/9/21	09 49		Solid
P-62 (890-1553-121)				11/9/21	09 49		Solid
P-63 (890-1553-122)				11/9/21	09 49		Solid
P-64 (890-1553-123)				11/9/21	09 49		Solid
P-65 (890-1553-124)				11/9/21	09 49		Solid
P-66 (890-1553-125)				11/9/21	09 49		Solid
P-67 (890-1553-126)				11/9/21	09 49		Solid
P-68 (890-1553-127)				11/9/21	09 49		Solid
P-69 (890-1553-128)				11/9/21	09 49		Solid
P-70 (890-1553-129)				11/9/21	09 49		Solid
P-71 (890-1553-130)				11/9/21	09 49		Solid
P-72 (890-1553-131)				11/9/21	09 49		Solid
P-73 (890-1553-132)				11/9/21	09 49		Solid
P-74 (890-1553-133)				11/9/21	09 49		Solid
P-75 (890-1553-134)				11/9/21	09 49		Solid
P-76 (890-1553-135)				11/9/21	09 49		Solid
P-77 (890-1553-136)				11/9/21	09 49		Solid
P-78 (890-1553-137)				11/9/21	09 49		Solid
P-79 (890-1553-138)				11/9/21	09 49		Solid
P-80 (890-1553-139)				11/9/21	09 49		Solid
P-81 (890-1553-140)				11/9/21	09 49		Solid
P-82 (890-1553-141)				11/9/21	09 49		Solid
P-83 (890-1553-142)				11/9/21	09 49		Solid
P-84 (890-1553-143)				11/9/21	09 49		Solid
P-85 (890-1553-144)				11/9/21	09 49		Solid
P-86 (890-1553-145)				11/9/21	09 49		Solid
P-87 (890-1553-146)				11/9/21	09 49		Solid
P-88 (890-1553-147)				11/9/21	09 49		Solid
P-89 (890-1553-148)				11/9/21	09 49		Solid
P-90 (890-1553-149)				11/9/21	09 49		Solid
P-91 (890-1553-150)				11/9/21	09 49		Solid
P-92 (890-1553-151)				11/9/21	09 49		Solid
P-93 (890-1553-152)				11/9/21	09 49		Solid
P-94 (890-1553-153)				11/9/21	09 49		Solid
P-95 (890-1553-154)				11/9/21	09 49		Solid
P-96 (890-1553-155)				11/9/21	09 49		Solid
P-97 (890-1553-156)				11/9/21	09 49		Solid
P-98 (890-1553-157)				11/9/21	09 49		Solid
P-99 (890-1553-158)				11/9/21	09 49		Solid
P-100 (890-1553-159)				11/9/21	09 49		Solid
P-101 (890-1553-160)				11/9/21	09 49		Solid
P-102 (890-1553-161)				11/9/21	09 49		Solid
P-103 (890-1553-162)				11/9/21	09 49		Solid
P-104 (890-1553-163)				11/9/21	09 49		Solid
P-105 (890-1553-164)				11/9/21	09 49		Solid
P-106 (890-1553-165)				11/9/21	09 49		Solid
P-107 (890-1553-166)				11/9/21	09 49		Solid
P-108 (890-1553-167)				11/9/21	09 49		Solid
P-109 (890-1553-168)				11/9/21	09 49		Solid
P-110 (890-1553-169)				11/9/21	09 49		Solid
P-111 (890-1553-170)				11/9/21	09 49		Solid
P-112 (890-1553-171)				11/9/21	09 49		Solid
P-113 (890-1553-172)				11/9/21	09 49		Solid
P-114 (890-1553-173)				11/9/21	09 49		Solid
P-115 (890-1553-174)				11/9/21	09 49		Solid
P-116 (890-1553-175)				11/9/21	09 49		Solid
P-117 (890-1553-176)				11/9/21	09 49		Solid
P-118 (890-1553-177)				11/9/21	09 49		Solid
P-119 (890-1553-178)				11/9/21	09 49		Solid
P-120 (890-1553-179)				11/9/21	09 49		Solid
P-121 (890-1553-180)				11/9/21	09 49		Solid
P-122 (890-1553-181)				11/9/21	09 49		Solid
P-123 (890-1553-182)							

1
2
3
4
5
6
7
8
9
10
11
12
13
14

Chain of Custody Record



Environment Testing America

1089 N Canal St
Carlsbad NM 88220
Phone 575-988-3199 Fax 575-988-3199

[illegible]

Eurofins Xenco, Carlsbad

1089 N Canal St
Carlsbad NIM 88220

Chain of Custody Record

eurofins

Environment Testing America

Client Information (Sub Contract Lab)				Sampler	Lab PM	Carrier Tracking No(s)	COC No
Client Contact				Phone	Kramer Jessica		890-501 5
Shipping/Receiving				E-Mail	Jessica.kramer@eurofinsllc.com	State of Origin	Page
Company					New Mexico		Page 5 of 7
Address				Accreditations Required (See note)		Job #	
1211 W Florida Ave				NELAP - Texas		890-1553-1	
City				Analysis Requested			
Midland							
State Zip							
TX 79701							
Phone							
432-704-5440(Tel)							
Email							
Project Name							
IM Bluestem Oil							
Site							
SSOW#							
Project #							
88000117							
Sample Identification - Client ID (Lab ID)							
Sample Date							
Sample Time							
Sample Type (C=comp, G=grab)							
Matrix (W=water, S=solid, O=oil, A=air)							
Preservation Code							
Field Filtered Sample (Yes or No)							
Perform MS/MSD (Yes or No)							
8016MOD_NM/8016NM_S_Prep Full TPH							
8021B/8036FP_Calc BTEX							
8016MOD_Calc							
300_ORGFM_28D/DI_LEACH Chloride							
Total Number of containers							
Special Instructions/Note							
P-133 (890-1553-37)							
P-132 (890-1553-38)							
P-131 (890-1553-39)							
P-130 (890-1553-40)							
P-129 (890-1553-41)							
P-128 (890-1553-42)							
P-127 (890-1553-43)							
P-126 (890-1553-44)							
P-125 (890-1553-45)							
Note: Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/mark being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Xenco LLC.							
Possible Hazard Identification							
Uncertified							
Deliverable Requested I, II, III, IV Other (Specify)				Primary Deliverable Rank, 2			
Empty Kit Relinquished by				Date			
Relinquished by				Date/Time			
Relinquished by				Date/Time			
Relinquished by				Date/Time			
Custody Seals Intact				Custody Seal No			
A Yes A No							

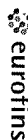
Eurofins Xenco, Carlsbad

1089 N Canal St

Carlsbad NM 88220

Phone 575-988-3199 Fax 575-988-3199

Chain of Custody Record



Environment Testing America

Client Information (Sub Contract Lab)						Sampler	Lab PM	Carrier Tracking No(s)	COC No										
Client Contact						Jessica Kramer	Jessica Kramer		890-501 6										
Shipping/Receiving						E-Mail	jessica.kramer@eurofinsnet.com	State of Origin	Page:										
Company						Eurofins Xenco	Accreditations Required (See note)	New Mexico	Page 6 of 7										
Address						1211 W Florida Ave	NE LAP - Texas		Job #										
City						TAT Requested (days)			890-1553-1										
Midland																			
TX 79701																			
Phone:						PO #													
Email						WO #													
Project Name:						Project #													
IM Bluestem Oil						88000117													
Site						SSOW#													
Sample Identification - Client ID (Lab ID)						Sample Date	Sample Time	Sample Type (C=Comp, G=grab) Preservation Code	Matrix (W=water S=solid O=wast/sludg, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Analysis Requested	Total Number of containers	Special Instructions/Note					
P-124 (890-1553-46)		11/9/21	12 50	Mountain	Solid	X	X	X	X										
P-123 (890-1553-47)		11/9/21	12 55	Mountain	Solid	X	X	X	X										
P-122 (890-1553-48)		11/9/21	13 01	Mountain	Solid	X	X	X	X										
P-167 (890-1553-49)		11/9/21	13 17	Mountain	Solid	X	X	X	X										
P-166 (890-1553-50)		11/9/21	13 21	Mountain	Solid	X	X	X	X										
P-165 (890-1553-51)		11/9/21	13 26	Mountain	Solid	X	X	X	X										
P-164 (890-1553-52)		11/9/21	13 29	Mountain	Solid	X	X	X	X										
P-163 (890-1553-53)		11/9/21	13 35	Mountain	Solid	X	X	X	X										
P-162 (890-1553-54)		11/9/21	13 40	Mountain	Solid	X	X	X	X										
Note: Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/matrix being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Xenco LLC.																			
Possible Hazard Identification										Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)									
Unconfirmed										☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months									
Deliverable Requested I II III IV Other (specify) _____										Primary Deliverable Rank 2 Special Instructions/QAC Requirements									
Empty Kit Relinquished by _____										Date	Time	Method of Shipment:							
Relinquished by _____										Date/Time	Company	Received by _____							
Relinquished by _____										Date/Time	Company	Received by _____							
Relinquished by _____										Date/Time	Company	Received by _____							
Custody Seals Intact										Cooler Temperature(s) °C and Other Remarks									
Δ Yes Δ No																			

Eurofins Xenco, Carlsbad

1089 N Canal St.

Carlsbad NM 88220

Phone: 575-988-3199 Fax 575-988-3199

Chain of Custody Record



Environment Testing America

[illegible]

Login Sample Receipt Checklist

Client: Resolute Compliance LLC

Job Number: 890-1553-1

SDG Number: 21-9007

Login Number: 1553

List Number: 1

Creator: Clifton, Cloe

List Source: Eurofins Xenco, Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: Resolute Compliance LLC

Job Number: 890-1553-1

SDG Number: 21-9007

Login Number: 1553

List Number: 2

Creator: Kramer, Jessica

List Source: Eurofins Xenco, Midland

List Creation: 11/10/21 12:57 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.2/1.3
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing
America

ANALYTICAL REPORT

Eurofins Xenco, Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Tel: (575)988-3199

Laboratory Job ID: 890-1563-1
Client Project/Site: IM Bluestem Oil

For:
Resolute Compliance LLC
115 FM 2453
Suite A
Royse City, Texas 75189

Attn: James Vanassche

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:
11/17/2021 12:18:09 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Laboratory Job ID: 890-1563-1

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	5
Client Sample Results	7
Surrogate Summary	55
QC Sample Results	59
QC Association Summary	74
Lab Chronicle	88
Certification Summary	107
Method Summary	108
Sample Summary	109
Chain of Custody	111
Receipt Checklists	124

1
2
3
4
5
6
7
8
9
10
11
12
13
14

Definitions/Glossary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD RPD exceeds control limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)

Eurofins Xenco, Carlsbad

Definitions/Glossary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Case Narrative

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Job ID: 890-1563-1

Laboratory: Eurofins Xenco, Carlsbad

Narrative

Job Narrative
890-1563-1

Receipt

The samples were received on 11/10/2021 4:25 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.2°C

GC VOA

Method 8021B: Due to mis-injection the RPD of the laboratory control sample (LCS) for preparation batch 880-12016 and analytical batch 880-12125 recovered outside control limits for the following analytes: Benzene, Toluene, Ethylbenzene, m-Xylene & p-Xylene, o-Xylene, Xylenes, Total and 4-Bromofluorobenzene. Per the method, only the LCS or LCSD needs to pass. The LCSD was within limits; therefore data was accepted.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-12105 and analytical batch 880-12084 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: P235 (890-1563-1), P234 (890-1563-2), P233 (890-1563-3), P232 (890-1563-4), P231 (890-1563-5), P230 (890-1563-6), SP SW #1 (890-1563-7), SP SW #2 (890-1563-8), SP SW #3 (890-1563-9), SP SW #4 (890-1563-10), P224 (890-1563-11), P223 (890-1563-12), P269 (890-1563-13), P268 (890-1563-14), P267 (890-1563-15), P266 (890-1563-16), P265 (890-1563-17), P264 (890-1563-18) and P263 (890-1563-19). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (MB 880-12105/1-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-12116 and analytical batch 880-12086 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: P261 (890-1563-21), P258 (890-1563-24), P257 (890-1563-25), P256 (890-1563-26), P255 (890-1563-27), P254 (890-1563-28), P253 (890-1563-29), P252 (890-1563-30), P251 (890-1563-31), P250 (890-1563-32), P249 (890-1563-33), P248 (890-1563-34), P247 (890-1563-35), P246 (890-1563-36), P212 (890-1563-37), P178 (890-1563-39) and P179 (890-1563-40). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (MB 880-12116/1-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: P145 (890-1563-41), P144 (890-1563-42), P111 (890-1563-44), P112 (890-1563-45), P113 (890-1563-46), P244 (890-1563-48), P242 (890-1563-50), P240 (890-1563-51), (MB 880-12161/1-A) and (890-1563-A-48-C MS). Evidence of matrix interferences is not obvious.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D: Spike compounds were inadvertently omitted during the extraction process for the matrix spike/matrix spike duplicate (MS/MSD); therefore, matrix spike recoveries are unavailable for preparation batch 880-12131 and analytical batch 880-12202. The associated laboratory control sample (LCS) met acceptance criteria.

Case Narrative

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Job ID: 890-1563-1 (Continued)

Laboratory: Eurofins Xenco, Carlsbad (Continued)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P235

Lab Sample ID: 890-1563-1

Date Collected: 11/10/21 07:00

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	155		1.01		mg/Kg		11/11/21 12:27	11/12/21 18:00	500
Toluene	102		1.01		mg/Kg		11/11/21 12:27	11/12/21 18:00	500
Ethylbenzene	120		1.01		mg/Kg		11/11/21 12:27	11/12/21 18:00	500
m-Xylene & p-Xylene	289	*- *1	2.02		mg/Kg		11/11/21 12:27	11/12/21 18:00	500
o-Xylene	89.9		1.01		mg/Kg		11/11/21 12:27	11/12/21 18:00	500
Xylenes, Total	379	*- *1	2.02		mg/Kg		11/11/21 12:27	11/12/21 18:00	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	196	S1+	70 - 130	11/11/21 12:27	11/12/21 18:00	500
1,4-Difluorobenzene (Surr)	132	S1+	70 - 130	11/11/21 12:27	11/12/21 18:00	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	756		2.02		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	69500		500		mg/Kg			11/16/21 09:36	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	32600		500		mg/Kg		11/12/21 09:17	11/12/21 23:14	10
Diesel Range Organics (Over C10-C28)	34200		500		mg/Kg		11/12/21 09:17	11/12/21 23:14	10
Oil Range Organics (Over C28-C36)	2710		500		mg/Kg		11/12/21 09:17	11/12/21 23:14	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	283	S1+	70 - 130	11/12/21 09:17	11/12/21 23:14	10
o-Terphenyl	159	S1+	70 - 130	11/12/21 09:17	11/12/21 23:14	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	87.8		4.96		mg/Kg			11/14/21 13:30	1

Client Sample ID: P234

Lab Sample ID: 890-1563-2

Date Collected: 11/10/21 07:05

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	198		1.00		mg/Kg		11/11/21 12:27	11/12/21 18:21	500
Toluene	105		1.00		mg/Kg		11/11/21 12:27	11/12/21 18:21	500
Ethylbenzene	137		1.00		mg/Kg		11/11/21 12:27	11/12/21 18:21	500
m-Xylene & p-Xylene	317	*- *1	2.00		mg/Kg		11/11/21 12:27	11/12/21 18:21	500
o-Xylene	105		1.00		mg/Kg		11/11/21 12:27	11/12/21 18:21	500
Xylenes, Total	422	*- *1	2.00		mg/Kg		11/11/21 12:27	11/12/21 18:21	500

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P234

Lab Sample ID: 890-1563-2

Date Collected: 11/10/21 07:05

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	147	S1+	70 - 130	11/11/21 12:27	11/12/21 18:21	500
1,4-Difluorobenzene (Surr)	89		70 - 130	11/11/21 12:27	11/12/21 18:21	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	862		2.00		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	80500		499		mg/Kg			11/16/21 09:36	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	39700		499		mg/Kg		11/12/21 09:17	11/12/21 23:36	10
Diesel Range Organics (Over C10-C28)	37800		499		mg/Kg		11/12/21 09:17	11/12/21 23:36	10
Oil Range Organics (Over C28-C36)	2980		499		mg/Kg		11/12/21 09:17	11/12/21 23:36	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	256	S1+	70 - 130				11/12/21 09:17	11/12/21 23:36	10
o-Terphenyl	142	S1+	70 - 130				11/12/21 09:17	11/12/21 23:36	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	75.2		5.00		mg/Kg			11/14/21 13:35	1

Client Sample ID: P233

Lab Sample ID: 890-1563-3

Date Collected: 11/10/21 07:10

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	191		1.01		mg/Kg		11/11/21 12:27	11/12/21 18:41	500
Toluene	99.5		1.01		mg/Kg		11/11/21 12:27	11/12/21 18:41	500
Ethylbenzene	132		1.01		mg/Kg		11/11/21 12:27	11/12/21 18:41	500
m-Xylene & p-Xylene	306	*- *1	2.02		mg/Kg		11/11/21 12:27	11/12/21 18:41	500
o-Xylene	100		1.01		mg/Kg		11/11/21 12:27	11/12/21 18:41	500
Xylenes, Total	406	*- *1	2.02		mg/Kg		11/11/21 12:27	11/12/21 18:41	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130				11/11/21 12:27	11/12/21 18:41	500
1,4-Difluorobenzene (Surr)	109		70 - 130				11/11/21 12:27	11/12/21 18:41	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	829		2.02		mg/Kg			11/16/21 14:17	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P233

Lab Sample ID: 890-1563-3

Date Collected: 11/10/21 07:10

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	77600		498		mg/Kg			11/16/21 09:36	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	35700		498		mg/Kg		11/12/21 09:17	11/12/21 23:57	10
Diesel Range Organics (Over C10-C28)	38700		498		mg/Kg		11/12/21 09:17	11/12/21 23:57	10
Oil Range Organics (Over C28-C36)	3180		498		mg/Kg		11/12/21 09:17	11/12/21 23:57	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	285	S1+	70 - 130				11/12/21 09:17	11/12/21 23:57	10
o-Terphenyl	145	S1+	70 - 130				11/12/21 09:17	11/12/21 23:57	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	71.8		4.98		mg/Kg			11/14/21 13:40	1

Client Sample ID: P232

Lab Sample ID: 890-1563-4

Date Collected: 11/10/21 07:15

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	126		1.00		mg/Kg		11/11/21 12:27	11/12/21 19:02	500
Toluene	77.1		1.00		mg/Kg		11/11/21 12:27	11/12/21 19:02	500
Ethylbenzene	115		1.00		mg/Kg		11/11/21 12:27	11/12/21 19:02	500
m-Xylene & p-Xylene	267 *- *1		2.00		mg/Kg		11/11/21 12:27	11/12/21 19:02	500
o-Xylene	88.1		1.00		mg/Kg		11/11/21 12:27	11/12/21 19:02	500
Xylenes, Total	355 *- *1		2.00		mg/Kg		11/11/21 12:27	11/12/21 19:02	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	203	S1+	70 - 130				11/11/21 12:27	11/12/21 19:02	500
1,4-Difluorobenzene (Surr)	127		70 - 130				11/11/21 12:27	11/12/21 19:02	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	673		2.00		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	63700		500		mg/Kg			11/16/21 09:36	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	25300		500		mg/Kg		11/12/21 09:17	11/13/21 00:19	10
Diesel Range Organics (Over C10-C28)	35400		500		mg/Kg		11/12/21 09:17	11/13/21 00:19	10

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P232

Lab Sample ID: 890-1563-4

Date Collected: 11/10/21 07:15

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	3000		500		mg/Kg		11/12/21 09:17	11/13/21 00:19	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	269	S1+	70 - 130				11/12/21 09:17	11/13/21 00:19	10
o-Terphenyl	158	S1+	70 - 130				11/12/21 09:17	11/13/21 00:19	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	95.0		4.98		mg/Kg			11/14/21 14:57	1

Client Sample ID: P231

Lab Sample ID: 890-1563-5

Date Collected: 11/10/21 07:20

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	185		0.994		mg/Kg		11/11/21 12:27	11/12/21 19:22	500
Toluene	123		0.994		mg/Kg		11/11/21 12:27	11/12/21 19:22	500
Ethylbenzene	174		0.994		mg/Kg		11/11/21 12:27	11/12/21 19:22	500
m-Xylene & p-Xylene	397	*- *1	1.99		mg/Kg		11/11/21 12:27	11/12/21 19:22	500
o-Xylene	130		0.994		mg/Kg		11/11/21 12:27	11/12/21 19:22	500
Xylenes, Total	527	*- *1	1.99		mg/Kg		11/11/21 12:27	11/12/21 19:22	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	174	S1+	70 - 130				11/11/21 12:27	11/12/21 19:22	500
1,4-Difluorobenzene (Surr)	143	S1+	70 - 130				11/11/21 12:27	11/12/21 19:22	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1010		1.99		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	66900		498		mg/Kg			11/16/21 09:36	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	28900		498		mg/Kg		11/12/21 09:17	11/13/21 00:40	10
Diesel Range Organics (Over C10-C28)	35100		498		mg/Kg		11/12/21 09:17	11/13/21 00:40	10
Oil Range Organics (Over C28-C36)	2890		498		mg/Kg		11/12/21 09:17	11/13/21 00:40	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	455	S1+	70 - 130				11/12/21 09:17	11/13/21 00:40	10
o-Terphenyl	139	S1+	70 - 130				11/12/21 09:17	11/13/21 00:40	10

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P231

Lab Sample ID: 890-1563-5

Date Collected: 11/10/21 07:20

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	73.5		5.04		mg/Kg			11/14/21 15:12	1

Client Sample ID: P230

Lab Sample ID: 890-1563-6

Date Collected: 11/10/21 07:25

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	179		0.998		mg/Kg		11/11/21 12:27	11/12/21 19:42	500
Toluene	88.7		0.998		mg/Kg		11/11/21 12:27	11/12/21 19:42	500
Ethylbenzene	117		0.998		mg/Kg		11/11/21 12:27	11/12/21 19:42	500
m-Xylene & p-Xylene	290	*- *1	2.00		mg/Kg		11/11/21 12:27	11/12/21 19:42	500
o-Xylene	96.7		0.998		mg/Kg		11/11/21 12:27	11/12/21 19:42	500
Xylenes, Total	387	*- *1	2.00		mg/Kg		11/11/21 12:27	11/12/21 19:42	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130				11/11/21 12:27	11/12/21 19:42	500
1,4-Difluorobenzene (Surr)	81		70 - 130				11/11/21 12:27	11/12/21 19:42	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	771		2.00		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	81900		497		mg/Kg			11/16/21 09:36	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	40900		497		mg/Kg		11/12/21 09:17	11/13/21 01:02	10
Diesel Range Organics (Over C10-C28)	38100		497		mg/Kg		11/12/21 09:17	11/13/21 01:02	10
Oil Range Organics (Over C28-C36)	2920		497		mg/Kg		11/12/21 09:17	11/13/21 01:02	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	284	S1+	70 - 130				11/12/21 09:17	11/13/21 01:02	10
o-Terphenyl	145	S1+	70 - 130				11/12/21 09:17	11/13/21 01:02	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	75.4		5.00		mg/Kg			11/14/21 15:17	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: SP SW #1

Lab Sample ID: 890-1563-7

Date Collected: 11/10/21 07:30

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	41.6		0.990		mg/Kg		11/11/21 12:27	11/12/21 20:03	500
Toluene	143		0.990		mg/Kg		11/11/21 12:27	11/12/21 20:03	500
Ethylbenzene	58.9		0.990		mg/Kg		11/11/21 12:27	11/12/21 20:03	500
m-Xylene & p-Xylene	137	*- *1	1.98		mg/Kg		11/11/21 12:27	11/12/21 20:03	500
o-Xylene	44.4		0.990		mg/Kg		11/11/21 12:27	11/12/21 20:03	500
Xylenes, Total	181	*- *1	1.98		mg/Kg		11/11/21 12:27	11/12/21 20:03	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	167	S1+	70 - 130	11/11/21 12:27	11/12/21 20:03	500
1,4-Difluorobenzene (Surr)	118		70 - 130	11/11/21 12:27	11/12/21 20:03	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	425		1.98		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	32600		498		mg/Kg			11/16/21 09:36	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	8540		498		mg/Kg		11/12/21 09:17	11/13/21 01:26	10
Diesel Range Organics (Over C10-C28)	21900		498		mg/Kg		11/12/21 09:17	11/13/21 01:26	10
Oil Range Organics (Over C28-C36)	2110		498		mg/Kg		11/12/21 09:17	11/13/21 01:26	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	188	S1+	70 - 130	11/12/21 09:17	11/13/21 01:26	10
o-Terphenyl	124		70 - 130	11/12/21 09:17	11/13/21 01:26	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	104		4.95		mg/Kg			11/14/21 15:22	1

Client Sample ID: SP SW #2

Lab Sample ID: 890-1563-8

Date Collected: 11/10/21 07:35

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	8.18		0.996		mg/Kg		11/11/21 12:27	11/12/21 20:23	500
Toluene	71.6		0.996		mg/Kg		11/11/21 12:27	11/12/21 20:23	500
Ethylbenzene	41.4		0.996		mg/Kg		11/11/21 12:27	11/12/21 20:23	500
m-Xylene & p-Xylene	99.6	*- *1	1.99		mg/Kg		11/11/21 12:27	11/12/21 20:23	500
o-Xylene	33.4		0.996		mg/Kg		11/11/21 12:27	11/12/21 20:23	500
Xylenes, Total	133	*- *1	1.99		mg/Kg		11/11/21 12:27	11/12/21 20:23	500

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: SP SW #2

Lab Sample ID: 890-1563-8

Date Collected: 11/10/21 07:35

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	148	S1+	70 - 130	11/11/21 12:27	11/12/21 20:23	500
1,4-Difluorobenzene (Surr)	98		70 - 130	11/11/21 12:27	11/12/21 20:23	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	254		1.99		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	32400		250		mg/Kg			11/16/21 09:36	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	8960		250		mg/Kg		11/12/21 09:17	11/13/21 01:48	5
Diesel Range Organics (Over C10-C28)	21600		250		mg/Kg		11/12/21 09:17	11/13/21 01:48	5
Oil Range Organics (Over C28-C36)	1830		250		mg/Kg		11/12/21 09:17	11/13/21 01:48	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	203	S1+	70 - 130				11/12/21 09:17	11/13/21 01:48	5
o-Terphenyl	138	S1+	70 - 130				11/12/21 09:17	11/13/21 01:48	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	125		5.01		mg/Kg			11/14/21 15:27	1

Client Sample ID: SP SW #3

Lab Sample ID: 890-1563-9

Date Collected: 11/10/21 07:40

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	31.1		0.996		mg/Kg		11/11/21 12:27	11/12/21 20:44	500
Toluene	181		0.996		mg/Kg		11/11/21 12:27	11/12/21 20:44	500
Ethylbenzene	71.9		0.996		mg/Kg		11/11/21 12:27	11/12/21 20:44	500
m-Xylene & p-Xylene	166	*- *1	1.99		mg/Kg		11/11/21 12:27	11/12/21 20:44	500
o-Xylene	52.8		0.996		mg/Kg		11/11/21 12:27	11/12/21 20:44	500
Xylenes, Total	219	*- *1	1.99		mg/Kg		11/11/21 12:27	11/12/21 20:44	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	176	S1+	70 - 130				11/11/21 12:27	11/12/21 20:44	500
1,4-Difluorobenzene (Surr)	97		70 - 130				11/11/21 12:27	11/12/21 20:44	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	503		1.99		mg/Kg			11/16/21 14:17	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: SP SW #3

Lab Sample ID: 890-1563-9

Date Collected: 11/10/21 07:40

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	40500		249		mg/Kg			11/16/21 09:36	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	15400		249		mg/Kg		11/12/21 09:17	11/13/21 02:09	5
Diesel Range Organics (Over C10-C28)	23200		249		mg/Kg		11/12/21 09:17	11/13/21 02:09	5
Oil Range Organics (Over C28-C36)	1920		249		mg/Kg		11/12/21 09:17	11/13/21 02:09	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	217	S1+	70 - 130				11/12/21 09:17	11/13/21 02:09	5
o-Terphenyl	138	S1+	70 - 130				11/12/21 09:17	11/13/21 02:09	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	105		4.97		mg/Kg			11/14/21 15:41	1

Client Sample ID: SP SW #4

Lab Sample ID: 890-1563-10

Date Collected: 11/10/21 07:50

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	6.07		0.992		mg/Kg		11/11/21 12:27	11/12/21 21:04	500
Toluene	47.5		0.992		mg/Kg		11/11/21 12:27	11/12/21 21:04	500
Ethylbenzene	26.5		0.992		mg/Kg		11/11/21 12:27	11/12/21 21:04	500
m-Xylene & p-Xylene	66.0	*- *1	1.98		mg/Kg		11/11/21 12:27	11/12/21 21:04	500
o-Xylene	23.5		0.992		mg/Kg		11/11/21 12:27	11/12/21 21:04	500
Xylenes, Total	89.5	*- *1	1.98		mg/Kg		11/11/21 12:27	11/12/21 21:04	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				11/11/21 12:27	11/12/21 21:04	500
1,4-Difluorobenzene (Surr)	104		70 - 130				11/11/21 12:27	11/12/21 21:04	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	170		1.98		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	20000		250		mg/Kg			11/16/21 09:36	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	4250		250		mg/Kg		11/12/21 09:17	11/13/21 02:53	5
Diesel Range Organics (Over C10-C28)	14500		250		mg/Kg		11/12/21 09:17	11/13/21 02:53	5

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: SP SW #4

Lab Sample ID: 890-1563-10

Date Collected: 11/10/21 07:50

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	1280		250		mg/Kg		11/12/21 09:17	11/13/21 02:53	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	163	S1+	70 - 130				11/12/21 09:17	11/13/21 02:53	5
o-Terphenyl	133	S1+	70 - 130				11/12/21 09:17	11/13/21 02:53	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	141		4.99		mg/Kg			11/14/21 15:46	1

Client Sample ID: P224

Lab Sample ID: 890-1563-11

Date Collected: 11/10/21 07:55

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	60.6		0.994		mg/Kg		11/11/21 12:27	11/12/21 22:27	500
Toluene	180		0.994		mg/Kg		11/11/21 12:27	11/12/21 22:27	500
Ethylbenzene	53.5		0.994		mg/Kg		11/11/21 12:27	11/12/21 22:27	500
m-Xylene & p-Xylene	130	*- *1	1.99		mg/Kg		11/11/21 12:27	11/12/21 22:27	500
o-Xylene	42.5		0.994		mg/Kg		11/11/21 12:27	11/12/21 22:27	500
Xylenes, Total	173	*- *1	1.99		mg/Kg		11/11/21 12:27	11/12/21 22:27	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	148	S1+	70 - 130				11/11/21 12:27	11/12/21 22:27	500
1,4-Difluorobenzene (Surr)	119		70 - 130				11/11/21 12:27	11/12/21 22:27	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	467		1.99		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	37200		250		mg/Kg			11/16/21 09:36	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	15600		250		mg/Kg		11/12/21 09:17	11/13/21 03:15	5
Diesel Range Organics (Over C10-C28)	20000		250		mg/Kg		11/12/21 09:17	11/13/21 03:15	5
Oil Range Organics (Over C28-C36)	1610		250		mg/Kg		11/12/21 09:17	11/13/21 03:15	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	207	S1+	70 - 130				11/12/21 09:17	11/13/21 03:15	5
o-Terphenyl	136	S1+	70 - 130				11/12/21 09:17	11/13/21 03:15	5

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P224

Lab Sample ID: 890-1563-11

Date Collected: 11/10/21 07:55

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	107		5.00		mg/Kg			11/14/21 15:51	1

Client Sample ID: P223

Lab Sample ID: 890-1563-12

Date Collected: 11/10/21 08:00

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	16.2		0.998		mg/Kg		11/11/21 12:27	11/12/21 22:47	500
Toluene	82.3		0.998		mg/Kg		11/11/21 12:27	11/12/21 22:47	500
Ethylbenzene	31.0		0.998		mg/Kg		11/11/21 12:27	11/12/21 22:47	500
m-Xylene & p-Xylene	73.1	*- *1	2.00		mg/Kg		11/11/21 12:27	11/12/21 22:47	500
o-Xylene	25.7		0.998		mg/Kg		11/11/21 12:27	11/12/21 22:47	500
Xylenes, Total	98.8	*- *1	2.00		mg/Kg		11/11/21 12:27	11/12/21 22:47	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				11/11/21 12:27	11/12/21 22:47	500
1,4-Difluorobenzene (Surr)	102		70 - 130				11/11/21 12:27	11/12/21 22:47	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	228		2.00		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	15100		249		mg/Kg			11/16/21 09:36	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	4580		249		mg/Kg		11/12/21 09:17	11/13/21 08:50	5
Diesel Range Organics (Over C10-C28)	9670		249		mg/Kg		11/12/21 09:17	11/13/21 08:50	5
Oil Range Organics (Over C28-C36)	886		249		mg/Kg		11/12/21 09:17	11/13/21 08:50	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	156	S1+	70 - 130				11/12/21 09:17	11/13/21 08:50	5
o-Terphenyl	120		70 - 130				11/12/21 09:17	11/13/21 08:50	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	137		5.00		mg/Kg			11/14/21 15:56	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P269

Lab Sample ID: 890-1563-13

Date Collected: 11/10/21 08:15

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	162		1.01		mg/Kg		11/11/21 12:27	11/12/21 23:08	500
Toluene	99.4		1.01		mg/Kg		11/11/21 12:27	11/12/21 23:08	500
Ethylbenzene	147		1.01		mg/Kg		11/11/21 12:27	11/12/21 23:08	500
m-Xylene & p-Xylene	330	*- *1	2.02		mg/Kg		11/11/21 12:27	11/12/21 23:08	500
o-Xylene	107		1.01		mg/Kg		11/11/21 12:27	11/12/21 23:08	500
Xylenes, Total	437	*- *1	2.02		mg/Kg		11/11/21 12:27	11/12/21 23:08	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	199	S1+	70 - 130	11/11/21 12:27	11/12/21 23:08	500
1,4-Difluorobenzene (Surr)	105		70 - 130	11/11/21 12:27	11/12/21 23:08	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	845		2.02		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	57900		500		mg/Kg			11/16/21 09:36	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	24300		500		mg/Kg		11/12/21 09:17	11/13/21 03:59	10
Diesel Range Organics (Over C10-C28)	30700		500		mg/Kg		11/12/21 09:17	11/13/21 03:59	10
Oil Range Organics (Over C28-C36)	2920		500		mg/Kg		11/12/21 09:17	11/13/21 03:59	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	239	S1+	70 - 130	11/12/21 09:17	11/13/21 03:59	10
o-Terphenyl	129		70 - 130	11/12/21 09:17	11/13/21 03:59	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	69.0		5.01		mg/Kg			11/14/21 16:01	1

Client Sample ID: P268

Lab Sample ID: 890-1563-14

Date Collected: 11/10/21 08:20

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	69.1		0.998		mg/Kg		11/11/21 12:27	11/12/21 23:28	500
Toluene	115		0.998		mg/Kg		11/11/21 12:27	11/12/21 23:28	500
Ethylbenzene	145		0.998		mg/Kg		11/11/21 12:27	11/12/21 23:28	500
m-Xylene & p-Xylene	343	*- *1	2.00		mg/Kg		11/11/21 12:27	11/12/21 23:28	500
o-Xylene	113		0.998		mg/Kg		11/11/21 12:27	11/12/21 23:28	500
Xylenes, Total	456	*- *1	2.00		mg/Kg		11/11/21 12:27	11/12/21 23:28	500

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P268

Lab Sample ID: 890-1563-14

Date Collected: 11/10/21 08:20

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130	11/11/21 12:27	11/12/21 23:28	500
1,4-Difluorobenzene (Surr)	121		70 - 130	11/11/21 12:27	11/12/21 23:28	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	785		2.00		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	69100		499		mg/Kg			11/16/21 09:36	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	34100		499		mg/Kg		11/12/21 09:17	11/13/21 04:20	10
Diesel Range Organics (Over C10-C28)	32400		499		mg/Kg		11/12/21 09:17	11/13/21 04:20	10
Oil Range Organics (Over C28-C36)	2600		499		mg/Kg		11/12/21 09:17	11/13/21 04:20	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	255	S1+	70 - 130				11/12/21 09:17	11/13/21 04:20	10
o-Terphenyl	134	S1+	70 - 130				11/12/21 09:17	11/13/21 04:20	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	62.0		4.95		mg/Kg			11/14/21 16:06	1

Client Sample ID: P267

Lab Sample ID: 890-1563-15

Date Collected: 11/10/21 08:25

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	187		0.998		mg/Kg		11/11/21 12:27	11/12/21 23:49	500
Toluene	110		0.998		mg/Kg		11/11/21 12:27	11/12/21 23:49	500
Ethylbenzene	162		0.998		mg/Kg		11/11/21 12:27	11/12/21 23:49	500
m-Xylene & p-Xylene	373	*- *1	2.00		mg/Kg		11/11/21 12:27	11/12/21 23:49	500
o-Xylene	124		0.998		mg/Kg		11/11/21 12:27	11/12/21 23:49	500
Xylenes, Total	497	*- *1	2.00		mg/Kg		11/11/21 12:27	11/12/21 23:49	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	162	S1+	70 - 130				11/11/21 12:27	11/12/21 23:49	500
1,4-Difluorobenzene (Surr)	99		70 - 130				11/11/21 12:27	11/12/21 23:49	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	956		2.00		mg/Kg			11/16/21 14:17	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P267

Lab Sample ID: 890-1563-15

Date Collected: 11/10/21 08:25

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	70400		500		mg/Kg			11/16/21 09:36	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	29000		500		mg/Kg		11/12/21 09:17	11/13/21 04:42	10
Diesel Range Organics (Over C10-C28)	38200		500		mg/Kg		11/12/21 09:17	11/13/21 04:42	10
Oil Range Organics (Over C28-C36)	3160		500		mg/Kg		11/12/21 09:17	11/13/21 04:42	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	490	S1+	70 - 130				11/12/21 09:17	11/13/21 04:42	10
o-Terphenyl	153	S1+	70 - 130				11/12/21 09:17	11/13/21 04:42	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	61.3		5.01		mg/Kg			11/14/21 16:21	1

Client Sample ID: P266

Lab Sample ID: 890-1563-16

Date Collected: 11/10/21 08:30

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	340		10.0		mg/Kg		11/15/21 08:00	11/15/21 17:44	5000
Toluene	1240		10.0		mg/Kg		11/15/21 08:00	11/15/21 17:44	5000
Ethylbenzene	190		1.00		mg/Kg		11/11/21 12:27	11/13/21 00:09	500
m-Xylene & p-Xylene	848		20.0		mg/Kg		11/15/21 08:00	11/15/21 17:44	5000
o-Xylene	138		1.00		mg/Kg		11/11/21 12:27	11/13/21 00:09	500
Xylenes, Total	1160		20.0		mg/Kg		11/15/21 08:00	11/15/21 17:44	5000
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	166	S1+	70 - 130				11/11/21 12:27	11/13/21 00:09	500
1,4-Difluorobenzene (Surr)	101		70 - 130				11/11/21 12:27	11/13/21 00:09	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2760		20.0		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	69600		498		mg/Kg			11/16/21 09:36	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	30900		498		mg/Kg		11/12/21 09:17	11/13/21 05:03	10
Diesel Range Organics (Over C10-C28)	35700		498		mg/Kg		11/12/21 09:17	11/13/21 05:03	10

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P266

Lab Sample ID: 890-1563-16

Date Collected: 11/10/21 08:30

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	2980		498		mg/Kg		11/12/21 09:17	11/13/21 05:03	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	251	S1+	70 - 130				11/12/21 09:17	11/13/21 05:03	10
o-Terphenyl	149	S1+	70 - 130				11/12/21 09:17	11/13/21 05:03	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	62.2		4.97		mg/Kg			11/14/21 16:26	1

Client Sample ID: P265

Lab Sample ID: 890-1563-17

Date Collected: 11/10/21 08:32

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	185		1.00		mg/Kg		11/11/21 12:27	11/13/21 00:30	500
Toluene	737		9.94		mg/Kg		11/15/21 08:00	11/15/21 18:04	5000
Ethylbenzene	162		1.00		mg/Kg		11/11/21 12:27	11/13/21 00:30	500
m-Xylene & p-Xylene	386	*- *1	2.00		mg/Kg		11/11/21 12:27	11/13/21 00:30	500
o-Xylene	131		1.00		mg/Kg		11/11/21 12:27	11/13/21 00:30	500
Xylenes, Total	517	*- *1	2.00		mg/Kg		11/11/21 12:27	11/13/21 00:30	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	172	S1+	70 - 130				11/11/21 12:27	11/13/21 00:30	500
1,4-Difluorobenzene (Surr)	106		70 - 130				11/11/21 12:27	11/13/21 00:30	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1600		2.00		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	66800		499		mg/Kg			11/16/21 09:36	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	29200		499		mg/Kg		11/12/21 09:17	11/13/21 05:25	10
Diesel Range Organics (Over C10-C28)	34800		499		mg/Kg		11/12/21 09:17	11/13/21 05:25	10
Oil Range Organics (Over C28-C36)	2820		499		mg/Kg		11/12/21 09:17	11/13/21 05:25	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	268	S1+	70 - 130				11/12/21 09:17	11/13/21 05:25	10
o-Terphenyl	144	S1+	70 - 130				11/12/21 09:17	11/13/21 05:25	10

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P265

Lab Sample ID: 890-1563-17

Date Collected: 11/10/21 08:32

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	73.8		4.98		mg/Kg			11/14/21 16:40	1

Client Sample ID: P264

Lab Sample ID: 890-1563-18

Date Collected: 11/10/21 08:36

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	97.1		1.00		mg/Kg		11/11/21 12:27	11/13/21 00:50	500
Toluene	814		10.1		mg/Kg		11/15/21 08:00	11/15/21 18:25	5000
Ethylbenzene	130		1.00		mg/Kg		11/11/21 12:27	11/13/21 00:50	500
m-Xylene & p-Xylene	297	*- *1	2.00		mg/Kg		11/11/21 12:27	11/13/21 00:50	500
o-Xylene	96.0		1.00		mg/Kg		11/11/21 12:27	11/13/21 00:50	500
Xylenes, Total	393	*- *1	2.00		mg/Kg		11/11/21 12:27	11/13/21 00:50	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	193	S1+	70 - 130				11/11/21 12:27	11/13/21 00:50	500
1,4-Difluorobenzene (Surr)	101		70 - 130				11/11/21 12:27	11/13/21 00:50	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1430		2.00		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	50500		499		mg/Kg			11/16/21 09:36	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	19500		499		mg/Kg		11/12/21 09:17	11/13/21 05:46	10
Diesel Range Organics (Over C10-C28)	28500		499		mg/Kg		11/12/21 09:17	11/13/21 05:46	10
Oil Range Organics (Over C28-C36)	2490		499		mg/Kg		11/12/21 09:17	11/13/21 05:46	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	229	S1+	70 - 130				11/12/21 09:17	11/13/21 05:46	10
o-Terphenyl	133	S1+	70 - 130				11/12/21 09:17	11/13/21 05:46	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	303		4.98		mg/Kg			11/14/21 16:45	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P263

Lab Sample ID: 890-1563-19

Date Collected: 11/10/21 08:41

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	99.9		1.00		mg/Kg		11/11/21 12:27	11/13/21 01:11	500
Toluene	593		9.96		mg/Kg		11/15/21 08:00	11/15/21 18:45	5000
Ethylbenzene	127		1.00		mg/Kg		11/11/21 12:27	11/13/21 01:11	500
m-Xylene & p-Xylene	294	*- *1	2.00		mg/Kg		11/11/21 12:27	11/13/21 01:11	500
o-Xylene	97.9		1.00		mg/Kg		11/11/21 12:27	11/13/21 01:11	500
Xylenes, Total	392	*- *1	2.00		mg/Kg		11/11/21 12:27	11/13/21 01:11	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	215	S1+	70 - 130	11/11/21 12:27	11/13/21 01:11	500
1,4-Difluorobenzene (Surr)	112		70 - 130	11/11/21 12:27	11/13/21 01:11	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1210		2.00		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	51300		499		mg/Kg			11/16/21 09:36	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	19700		499		mg/Kg		11/12/21 09:17	11/13/21 06:06	10
Diesel Range Organics (Over C10-C28)	29100		499		mg/Kg		11/12/21 09:17	11/13/21 06:06	10
Oil Range Organics (Over C28-C36)	2510		499		mg/Kg		11/12/21 09:17	11/13/21 06:06	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	226	S1+	70 - 130	11/12/21 09:17	11/13/21 06:06	10
o-Terphenyl	127		70 - 130	11/12/21 09:17	11/13/21 06:06	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	413		5.00		mg/Kg			11/14/21 16:50	1

Client Sample ID: P262

Lab Sample ID: 890-1563-20

Date Collected: 11/10/21 09:00

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	16.5		0.990		mg/Kg		11/11/21 12:27	11/13/21 01:31	500
Toluene	108		0.990		mg/Kg		11/11/21 12:27	11/13/21 01:31	500
Ethylbenzene	44.4		0.990		mg/Kg		11/11/21 12:27	11/13/21 01:31	500
m-Xylene & p-Xylene	105	*- *1	1.98		mg/Kg		11/11/21 12:27	11/13/21 01:31	500
o-Xylene	38.3		0.990		mg/Kg		11/11/21 12:27	11/13/21 01:31	500
Xylenes, Total	143	*- *1	1.98		mg/Kg		11/11/21 12:27	11/13/21 01:31	500

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P262

Lab Sample ID: 890-1563-20

Date Collected: 11/10/21 09:00

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	148	S1+	70 - 130	11/11/21 12:27	11/13/21 01:31	500
1,4-Difluorobenzene (Surr)	105		70 - 130	11/11/21 12:27	11/13/21 01:31	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	312		1.98		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	12900		250		mg/Kg			11/16/21 09:36	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	3640		250		mg/Kg		11/12/21 08:58	11/13/21 06:30	5
Diesel Range Organics (Over C10-C28)	9290		250		mg/Kg		11/12/21 08:58	11/13/21 06:30	5
Oil Range Organics (Over C28-C36)	<250	U	250		mg/Kg		11/12/21 08:58	11/13/21 06:30	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	279	S1+	70 - 130	11/12/21 08:58	11/13/21 06:30	5
o-Terphenyl	162	S1+	70 - 130	11/12/21 08:58	11/13/21 06:30	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	423		5.01		mg/Kg			11/14/21 16:55	1

Client Sample ID: P261

Lab Sample ID: 890-1563-21

Date Collected: 11/10/21 09:05

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	16.9		0.994		mg/Kg		11/11/21 12:30	11/13/21 04:56	500
Toluene	88.0		0.994		mg/Kg		11/11/21 12:30	11/13/21 04:56	500
Ethylbenzene	39.7		0.994		mg/Kg		11/11/21 12:30	11/13/21 04:56	500
m-Xylene & p-Xylene	92.0		1.99		mg/Kg		11/11/21 12:30	11/13/21 04:56	500
o-Xylene	30.8		0.994		mg/Kg		11/11/21 12:30	11/13/21 04:56	500
Xylenes, Total	123		1.99		mg/Kg		11/11/21 12:30	11/13/21 04:56	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	11/11/21 12:30	11/13/21 04:56	500
1,4-Difluorobenzene (Surr)	109		70 - 130	11/11/21 12:30	11/13/21 04:56	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	267		1.99		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	20400		500		mg/Kg			11/16/21 09:36	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P261

Lab Sample ID: 890-1563-21

Date Collected: 11/10/21 09:05

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	3130		500		mg/Kg		11/12/21 10:07	11/12/21 23:14	10
Diesel Range Organics (Over C10-C28)	17300		500		mg/Kg		11/12/21 10:07	11/12/21 23:14	10
Oil Range Organics (Over C28-C36)	<500	U	500		mg/Kg		11/12/21 10:07	11/12/21 23:14	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	270	S1+	70 - 130				11/12/21 10:07	11/12/21 23:14	10
o-Terphenyl	133	S1+	70 - 130				11/12/21 10:07	11/12/21 23:14	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	900		4.97		mg/Kg			11/14/21 17:00	1

Client Sample ID: SP SW #5

Lab Sample ID: 890-1563-22

Date Collected: 11/10/21 09:10

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	12.5		0.994		mg/Kg		11/11/21 12:30	11/13/21 05:16	500
Toluene	107		0.994		mg/Kg		11/11/21 12:30	11/13/21 05:16	500
Ethylbenzene	54.7		0.994		mg/Kg		11/11/21 12:30	11/13/21 05:16	500
m-Xylene & p-Xylene	130		1.99		mg/Kg		11/11/21 12:30	11/13/21 05:16	500
o-Xylene	43.8		0.994		mg/Kg		11/11/21 12:30	11/13/21 05:16	500
Xylenes, Total	174		1.99		mg/Kg		11/11/21 12:30	11/13/21 05:16	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	161	S1+	70 - 130				11/11/21 12:30	11/13/21 05:16	500
1,4-Difluorobenzene (Surr)	101		70 - 130				11/11/21 12:30	11/13/21 05:16	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	348		1.99		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	22900		499		mg/Kg			11/16/21 09:36	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	3200		499		mg/Kg		11/12/21 10:07	11/12/21 23:36	10
Diesel Range Organics (Over C10-C28)	19700		499		mg/Kg		11/12/21 10:07	11/12/21 23:36	10
Oil Range Organics (Over C28-C36)	<499	U	499		mg/Kg		11/12/21 10:07	11/12/21 23:36	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	288	S1+	70 - 130				11/12/21 10:07	11/12/21 23:36	10
o-Terphenyl	125		70 - 130				11/12/21 10:07	11/12/21 23:36	10

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: SP SW #5

Lab Sample ID: 890-1563-22

Date Collected: 11/10/21 09:10

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	116		4.95		mg/Kg			11/14/21 17:05	1

Client Sample ID: SP SW #6

Lab Sample ID: 890-1563-23

Date Collected: 11/10/21 09:15

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	44.1		1.00		mg/Kg		11/11/21 12:30	11/13/21 05:37	500
Toluene	561		9.90		mg/Kg		11/15/21 08:00	11/15/21 19:05	5000
Ethylbenzene	81.9		1.00		mg/Kg		11/11/21 12:30	11/13/21 05:37	500
m-Xylene & p-Xylene	189		2.00		mg/Kg		11/11/21 12:30	11/13/21 05:37	500
o-Xylene	62.4		1.00		mg/Kg		11/11/21 12:30	11/13/21 05:37	500
Xylenes, Total	251		2.00		mg/Kg		11/11/21 12:30	11/13/21 05:37	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	177	S1+	70 - 130				11/11/21 12:30	11/13/21 05:37	500
1,4-Difluorobenzene (Surr)	99		70 - 130				11/11/21 12:30	11/13/21 05:37	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	938		2.00		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	21000		249		mg/Kg			11/16/21 09:36	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	5210		249		mg/Kg		11/12/21 10:07	11/12/21 23:57	5
Diesel Range Organics (Over C10-C28)	15800		249		mg/Kg		11/12/21 10:07	11/12/21 23:57	5
Oil Range Organics (Over C28-C36)	<249	U	249		mg/Kg		11/12/21 10:07	11/12/21 23:57	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				11/12/21 10:07	11/12/21 23:57	5
o-Terphenyl	113		70 - 130				11/12/21 10:07	11/12/21 23:57	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	123		5.00		mg/Kg			11/14/21 17:10	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P258

Lab Sample ID: 890-1563-24

Date Collected: 11/10/21 09:20

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	110		0.998		mg/Kg		11/11/21 12:30	11/13/21 05:57	500
Toluene	514		9.90		mg/Kg		11/15/21 08:00	11/15/21 19:26	5000
Ethylbenzene	105		0.998		mg/Kg		11/11/21 12:30	11/13/21 05:57	500
m-Xylene & p-Xylene	240		2.00		mg/Kg		11/11/21 12:30	11/13/21 05:57	500
o-Xylene	78.2		0.998		mg/Kg		11/11/21 12:30	11/13/21 05:57	500
Xylenes, Total	318		2.00		mg/Kg		11/11/21 12:30	11/13/21 05:57	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	202	S1+	70 - 130	11/11/21 12:30	11/13/21 05:57	500
1,4-Difluorobenzene (Surr)	112		70 - 130	11/11/21 12:30	11/13/21 05:57	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1050		2.00		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	27800		250		mg/Kg			11/16/21 09:36	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	8890		250		mg/Kg		11/12/21 10:07	11/13/21 00:19	5
Diesel Range Organics (Over C10-C28)	18900		250		mg/Kg		11/12/21 10:07	11/13/21 00:19	5
Oil Range Organics (Over C28-C36)	<250	U	250		mg/Kg		11/12/21 10:07	11/13/21 00:19	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	159	S1+	70 - 130	11/12/21 10:07	11/13/21 00:19	5
o-Terphenyl	127		70 - 130	11/12/21 10:07	11/13/21 00:19	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	105		4.95		mg/Kg			11/14/21 12:17	1

Client Sample ID: P257

Lab Sample ID: 890-1563-25

Date Collected: 11/10/21 09:33

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	41.0		1.01		mg/Kg		11/11/21 12:30	11/13/21 06:18	500
Toluene	134		1.01		mg/Kg		11/11/21 12:30	11/13/21 06:18	500
Ethylbenzene	46.6		1.01		mg/Kg		11/11/21 12:30	11/13/21 06:18	500
m-Xylene & p-Xylene	108		2.02		mg/Kg		11/11/21 12:30	11/13/21 06:18	500
o-Xylene	34.3		1.01		mg/Kg		11/11/21 12:30	11/13/21 06:18	500
Xylenes, Total	142		2.02		mg/Kg		11/11/21 12:30	11/13/21 06:18	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130	11/11/21 12:30	11/13/21 06:18	500

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P257

Lab Sample ID: 890-1563-25

Date Collected: 11/10/21 09:33

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	119		70 - 130	11/11/21 12:30	11/13/21 06:18	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	364		2.02		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	13200		249		mg/Kg			11/16/21 09:36	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	2900		249		mg/Kg		11/12/21 10:07	11/13/21 00:40	5
Diesel Range Organics (Over C10-C28)	10300		249		mg/Kg		11/12/21 10:07	11/13/21 00:40	5
Oil Range Organics (Over C28-C36)	<249	U	249		mg/Kg		11/12/21 10:07	11/13/21 00:40	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	219	S1+	70 - 130				11/12/21 10:07	11/13/21 00:40	5
o-Terphenyl	106		70 - 130				11/12/21 10:07	11/13/21 00:40	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	190		5.01		mg/Kg			11/14/21 12:39	1

Client Sample ID: P256

Lab Sample ID: 890-1563-26

Date Collected: 11/10/21 09:40

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	32.0		0.996		mg/Kg		11/11/21 12:30	11/13/21 06:38	500
Toluene	187		0.996		mg/Kg		11/11/21 12:30	11/13/21 06:38	500
Ethylbenzene	66.9		0.996		mg/Kg		11/11/21 12:30	11/13/21 06:38	500
m-Xylene & p-Xylene	149		1.99		mg/Kg		11/11/21 12:30	11/13/21 06:38	500
o-Xylene	47.0		0.996		mg/Kg		11/11/21 12:30	11/13/21 06:38	500
Xylenes, Total	196		1.99		mg/Kg		11/11/21 12:30	11/13/21 06:38	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	160	S1+	70 - 130	11/11/21 12:30	11/13/21 06:38	500
1,4-Difluorobenzene (Surr)	107		70 - 130	11/11/21 12:30	11/13/21 06:38	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	482		1.99		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	15700		249		mg/Kg			11/16/21 09:36	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P256

Lab Sample ID: 890-1563-26

Date Collected: 11/10/21 09:40

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	5080		249		mg/Kg		11/12/21 10:07	11/13/21 01:02	5
Diesel Range Organics (Over C10-C28)	10600		249		mg/Kg		11/12/21 10:07	11/13/21 01:02	5
Oil Range Organics (Over C28-C36)	<249	U	249		mg/Kg		11/12/21 10:07	11/13/21 01:02	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	217	S1+	70 - 130				11/12/21 10:07	11/13/21 01:02	5
o-Terphenyl	115		70 - 130				11/12/21 10:07	11/13/21 01:02	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	94.8		4.98		mg/Kg			11/14/21 12:46	1

Client Sample ID: P255

Lab Sample ID: 890-1563-27

Date Collected: 11/10/21 09:42

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	68.4		1.00		mg/Kg		11/11/21 12:30	11/13/21 06:58	500
Toluene	546		9.98		mg/Kg		11/15/21 08:00	11/15/21 19:46	5000
Ethylbenzene	69.7		1.00		mg/Kg		11/11/21 12:30	11/13/21 06:58	500
m-Xylene & p-Xylene	155		2.00		mg/Kg		11/11/21 12:30	11/13/21 06:58	500
o-Xylene	48.7		1.00		mg/Kg		11/11/21 12:30	11/13/21 06:58	500
Xylenes, Total	204		2.00		mg/Kg		11/11/21 12:30	11/13/21 06:58	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	162	S1+	70 - 130				11/11/21 12:30	11/13/21 06:58	500
1,4-Difluorobenzene (Surr)	127		70 - 130				11/11/21 12:30	11/13/21 06:58	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	888		2.00		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	19000		249		mg/Kg			11/16/21 09:36	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	6740		249		mg/Kg		11/12/21 10:07	11/13/21 01:26	5
Diesel Range Organics (Over C10-C28)	12300		249		mg/Kg		11/12/21 10:07	11/13/21 01:26	5
Oil Range Organics (Over C28-C36)	<249	U	249		mg/Kg		11/12/21 10:07	11/13/21 01:26	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	230	S1+	70 - 130				11/12/21 10:07	11/13/21 01:26	5
o-Terphenyl	103		70 - 130				11/12/21 10:07	11/13/21 01:26	5

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P255

Lab Sample ID: 890-1563-27

Date Collected: 11/10/21 09:42

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	93.9		5.00		mg/Kg			11/14/21 12:53	1

Client Sample ID: P254

Lab Sample ID: 890-1563-28

Date Collected: 11/10/21 09:45

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	78.3		1.01		mg/Kg		11/11/21 12:30	11/13/21 07:19	500
Toluene	465		9.98		mg/Kg		11/15/21 08:00	11/15/21 20:07	5000
Ethylbenzene	74.7		1.01		mg/Kg		11/11/21 12:30	11/13/21 07:19	500
m-Xylene & p-Xylene	166		2.02		mg/Kg		11/11/21 12:30	11/13/21 07:19	500
o-Xylene	52.7		1.01		mg/Kg		11/11/21 12:30	11/13/21 07:19	500
Xylenes, Total	219		2.02		mg/Kg		11/11/21 12:30	11/13/21 07:19	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	162	S1+	70 - 130				11/11/21 12:30	11/13/21 07:19	500
1,4-Difluorobenzene (Surr)	123		70 - 130				11/11/21 12:30	11/13/21 07:19	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	837		2.02		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	18000		250		mg/Kg			11/16/21 09:36	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	5830		250		mg/Kg		11/12/21 10:07	11/13/21 01:48	5
Diesel Range Organics (Over C10-C28)	12200		250		mg/Kg		11/12/21 10:07	11/13/21 01:48	5
OII Range Organics (Over C28-C36)	<250	U	250		mg/Kg		11/12/21 10:07	11/13/21 01:48	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	282	S1+	70 - 130				11/12/21 10:07	11/13/21 01:48	5
o-Terphenyl	110		70 - 130				11/12/21 10:07	11/13/21 01:48	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	194		4.99		mg/Kg			11/14/21 13:01	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P253

Lab Sample ID: 890-1563-29

Date Collected: 11/10/21 09:49

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	42.8		0.998		mg/Kg		11/11/21 12:30	11/13/21 07:39	500
Toluene	179		0.998		mg/Kg		11/11/21 12:30	11/13/21 07:39	500
Ethylbenzene	63.4		0.998		mg/Kg		11/11/21 12:30	11/13/21 07:39	500
m-Xylene & p-Xylene	144		2.00		mg/Kg		11/11/21 12:30	11/13/21 07:39	500
o-Xylene	45.3		0.998		mg/Kg		11/11/21 12:30	11/13/21 07:39	500
Xylenes, Total	189		2.00		mg/Kg		11/11/21 12:30	11/13/21 07:39	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	154	S1+	70 - 130	11/11/21 12:30	11/13/21 07:39	500
1,4-Difluorobenzene (Surr)	103		70 - 130	11/11/21 12:30	11/13/21 07:39	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	475		2.00		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	13800		249		mg/Kg			11/16/21 09:36	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	4140		249		mg/Kg		11/12/21 10:07	11/13/21 02:09	5
Diesel Range Organics (Over C10-C28)	9610		249		mg/Kg		11/12/21 10:07	11/13/21 02:09	5
Oil Range Organics (Over C28-C36)	<249	U	249		mg/Kg		11/12/21 10:07	11/13/21 02:09	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	194	S1+	70 - 130	11/12/21 10:07	11/13/21 02:09	5
o-Terphenyl	100		70 - 130	11/12/21 10:07	11/13/21 02:09	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	161		4.99		mg/Kg			11/14/21 13:23	1

Client Sample ID: P252

Lab Sample ID: 890-1563-30

Date Collected: 11/10/21 09:53

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	80.4		0.990		mg/Kg		11/11/21 12:30	11/13/21 08:00	500
Toluene	385		10.1		mg/Kg		11/15/21 08:00	11/15/21 20:27	5000
Ethylbenzene	92.8		0.990		mg/Kg		11/11/21 12:30	11/13/21 08:00	500
m-Xylene & p-Xylene	212		1.98		mg/Kg		11/11/21 12:30	11/13/21 08:00	500
o-Xylene	68.5		0.990		mg/Kg		11/11/21 12:30	11/13/21 08:00	500
Xylenes, Total	281		1.98		mg/Kg		11/11/21 12:30	11/13/21 08:00	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	192	S1+	70 - 130	11/11/21 12:30	11/13/21 08:00	500

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P252

Lab Sample ID: 890-1563-30

Date Collected: 11/10/21 09:53

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	110		70 - 130	11/11/21 12:30	11/13/21 08:00	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	839		1.98		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	19400		250		mg/Kg			11/16/21 09:36	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	5860		250		mg/Kg		11/12/21 10:07	11/13/21 02:53	5
Diesel Range Organics (Over C10-C28)	13500		250		mg/Kg		11/12/21 10:07	11/13/21 02:53	5
Oil Range Organics (Over C28-C36)	<250	U	250		mg/Kg		11/12/21 10:07	11/13/21 02:53	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	253	S1+	70 - 130				11/12/21 10:07	11/13/21 02:53	5
o-Terphenyl	126		70 - 130				11/12/21 10:07	11/13/21 02:53	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	104		5.00		mg/Kg			11/14/21 13:30	1

Client Sample ID: P251

Lab Sample ID: 890-1563-31

Date Collected: 11/10/21 10:00

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	16.5		1.01		mg/Kg		11/11/21 12:30	11/13/21 09:23	500
Toluene	95.2		1.01		mg/Kg		11/11/21 12:30	11/13/21 09:23	500
Ethylbenzene	34.6		1.01		mg/Kg		11/11/21 12:30	11/13/21 09:23	500
m-Xylene & p-Xylene	78.9		2.01		mg/Kg		11/11/21 12:30	11/13/21 09:23	500
o-Xylene	25.7		1.01		mg/Kg		11/11/21 12:30	11/13/21 09:23	500
Xylenes, Total	105		2.01		mg/Kg		11/11/21 12:30	11/13/21 09:23	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	11/11/21 12:30	11/13/21 09:23	500
1,4-Difluorobenzene (Surr)	103		70 - 130	11/11/21 12:30	11/13/21 09:23	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	251		2.01		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	19500		250		mg/Kg			11/16/21 09:36	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P251

Lab Sample ID: 890-1563-31

Date Collected: 11/10/21 10:00

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	4080		250		mg/Kg		11/12/21 10:07	11/13/21 03:15	5
Diesel Range Organics (Over C10-C28)	15400		250		mg/Kg		11/12/21 10:07	11/13/21 03:15	5
Oil Range Organics (Over C28-C36)	<250	U	250		mg/Kg		11/12/21 10:07	11/13/21 03:15	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	314	S1+	70 - 130				11/12/21 10:07	11/13/21 03:15	5
o-Terphenyl	151	S1+	70 - 130				11/12/21 10:07	11/13/21 03:15	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	227		4.96		mg/Kg			11/14/21 13:38	1

Client Sample ID: P250

Lab Sample ID: 890-1563-32

Date Collected: 11/10/21 10:15

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	25.7		0.996		mg/Kg		11/11/21 12:30	11/13/21 09:43	500
Toluene	146		0.996		mg/Kg		11/11/21 12:30	11/13/21 09:43	500
Ethylbenzene	52.6		0.996		mg/Kg		11/11/21 12:30	11/13/21 09:43	500
m-Xylene & p-Xylene	117		1.99		mg/Kg		11/11/21 12:30	11/13/21 09:43	500
o-Xylene	36.9		0.996		mg/Kg		11/11/21 12:30	11/13/21 09:43	500
Xylenes, Total	154		1.99		mg/Kg		11/11/21 12:30	11/13/21 09:43	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130				11/11/21 12:30	11/13/21 09:43	500
1,4-Difluorobenzene (Surr)	106		70 - 130				11/11/21 12:30	11/13/21 09:43	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	378		1.99		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	18300		249		mg/Kg			11/16/21 09:36	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	4740		249		mg/Kg		11/12/21 10:07	11/13/21 03:37	5
Diesel Range Organics (Over C10-C28)	13600		249		mg/Kg		11/12/21 10:07	11/13/21 03:37	5
Oil Range Organics (Over C28-C36)	<249	U	249		mg/Kg		11/12/21 10:07	11/13/21 03:37	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	250	S1+	70 - 130				11/12/21 10:07	11/13/21 03:37	5
o-Terphenyl	139	S1+	70 - 130				11/12/21 10:07	11/13/21 03:37	5

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P250

Lab Sample ID: 890-1563-32

Date Collected: 11/10/21 10:15

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	125		4.97		mg/Kg			11/14/21 13:45	1

Client Sample ID: P249

Lab Sample ID: 890-1563-33

Date Collected: 11/10/21 10:23

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	19.4		1.00		mg/Kg		11/11/21 12:30	11/13/21 10:04	500
Toluene	109		1.00		mg/Kg		11/11/21 12:30	11/13/21 10:04	500
Ethylbenzene	41.1		1.00		mg/Kg		11/11/21 12:30	11/13/21 10:04	500
m-Xylene & p-Xylene	93.0		2.00		mg/Kg		11/11/21 12:30	11/13/21 10:04	500
o-Xylene	29.8		1.00		mg/Kg		11/11/21 12:30	11/13/21 10:04	500
Xylenes, Total	123		2.00		mg/Kg		11/11/21 12:30	11/13/21 10:04	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130				11/11/21 12:30	11/13/21 10:04	500
1,4-Difluorobenzene (Surr)	103		70 - 130				11/11/21 12:30	11/13/21 10:04	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	292		2.00		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	13300		250		mg/Kg			11/16/21 09:36	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	2600		250		mg/Kg		11/12/21 10:07	11/13/21 03:59	5
Diesel Range Organics (Over C10-C28)	10700		250		mg/Kg		11/12/21 10:07	11/13/21 03:59	5
Oil Range Organics (Over C28-C36)	<250	U	250		mg/Kg		11/12/21 10:07	11/13/21 03:59	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	240	S1+	70 - 130				11/12/21 10:07	11/13/21 03:59	5
o-Terphenyl	131	S1+	70 - 130				11/12/21 10:07	11/13/21 03:59	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	141		5.04		mg/Kg			11/14/21 13:52	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P248

Lab Sample ID: 890-1563-34

Date Collected: 11/10/21 10:30

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	16.8		0.990		mg/Kg		11/11/21 12:30	11/13/21 10:24	500
Toluene	89.1		0.990		mg/Kg		11/11/21 12:30	11/13/21 10:24	500
Ethylbenzene	31.4		0.990		mg/Kg		11/11/21 12:30	11/13/21 10:24	500
m-Xylene & p-Xylene	74.3		1.98		mg/Kg		11/11/21 12:30	11/13/21 10:24	500
o-Xylene	26.1		0.990		mg/Kg		11/11/21 12:30	11/13/21 10:24	500
Xylenes, Total	100		1.98		mg/Kg		11/11/21 12:30	11/13/21 10:24	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130	11/11/21 12:30	11/13/21 10:24	500
1,4-Difluorobenzene (Surr)	113		70 - 130	11/11/21 12:30	11/13/21 10:24	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	238		1.98		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	8720		49.9		mg/Kg			11/16/21 09:53	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	2150		49.9		mg/Kg		11/12/21 10:07	11/13/21 04:20	1
Diesel Range Organics (Over C10-C28)	6570		49.9		mg/Kg		11/12/21 10:07	11/13/21 04:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/12/21 10:07	11/13/21 04:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	212	S1+	70 - 130	11/12/21 10:07	11/13/21 04:20	1
o-Terphenyl	114		70 - 130	11/12/21 10:07	11/13/21 04:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	91.0		5.01		mg/Kg			11/14/21 14:00	1

Client Sample ID: P247

Lab Sample ID: 890-1563-35

Date Collected: 11/10/21 10:40

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	17.0		0.992		mg/Kg		11/11/21 12:30	11/13/21 10:45	500
Toluene	92.9		0.992		mg/Kg		11/11/21 12:30	11/13/21 10:45	500
Ethylbenzene	34.6		0.992		mg/Kg		11/11/21 12:30	11/13/21 10:45	500
m-Xylene & p-Xylene	77.9		1.98		mg/Kg		11/11/21 12:30	11/13/21 10:45	500
o-Xylene	24.1		0.992		mg/Kg		11/11/21 12:30	11/13/21 10:45	500
Xylenes, Total	102		1.98		mg/Kg		11/11/21 12:30	11/13/21 10:45	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	11/11/21 12:30	11/13/21 10:45	500

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P247

Lab Sample ID: 890-1563-35

Date Collected: 11/10/21 10:40

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	110		70 - 130	11/11/21 12:30	11/13/21 10:45	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	247		1.98		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	13000		250		mg/Kg			11/16/21 09:53	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	2800		250		mg/Kg		11/12/21 10:07	11/13/21 04:42	5
Diesel Range Organics (Over C10-C28)	10200		250		mg/Kg		11/12/21 10:07	11/13/21 04:42	5
Oil Range Organics (Over C28-C36)	<250	U	250		mg/Kg		11/12/21 10:07	11/13/21 04:42	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	247	S1+	70 - 130				11/12/21 10:07	11/13/21 04:42	5
o-Terphenyl	138	S1+	70 - 130				11/12/21 10:07	11/13/21 04:42	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		4.99		mg/Kg			11/14/21 14:22	1

Client Sample ID: P246

Lab Sample ID: 890-1563-36

Date Collected: 11/10/21 10:48

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	14.9		0.994		mg/Kg		11/11/21 12:30	11/13/21 11:05	500
Toluene	76.7		0.994		mg/Kg		11/11/21 12:30	11/13/21 11:05	500
Ethylbenzene	27.2		0.994		mg/Kg		11/11/21 12:30	11/13/21 11:05	500
m-Xylene & p-Xylene	62.5		1.99		mg/Kg		11/11/21 12:30	11/13/21 11:05	500
o-Xylene	20.9		0.994		mg/Kg		11/11/21 12:30	11/13/21 11:05	500
Xylenes, Total	83.4		1.99		mg/Kg		11/11/21 12:30	11/13/21 11:05	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	11/11/21 12:30	11/13/21 11:05	500
1,4-Difluorobenzene (Surr)	111		70 - 130	11/11/21 12:30	11/13/21 11:05	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	202		1.99		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	8430		49.8		mg/Kg			11/16/21 09:53	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P246

Lab Sample ID: 890-1563-36

Date Collected: 11/10/21 10:48

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	2060		49.8		mg/Kg		11/12/21 10:07	11/13/21 05:03	1
Diesel Range Organics (Over C10-C28)	6370		49.8		mg/Kg		11/12/21 10:07	11/13/21 05:03	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/12/21 10:07	11/13/21 05:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	213	S1+	70 - 130				11/12/21 10:07	11/13/21 05:03	1
o-Terphenyl	128		70 - 130				11/12/21 10:07	11/13/21 05:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	196		4.98		mg/Kg			11/14/21 14:29	1

Client Sample ID: P212

Lab Sample ID: 890-1563-37

Date Collected: 11/10/21 10:54

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	8.70		1.00		mg/Kg		11/11/21 12:30	11/13/21 11:25	500
Toluene	45.9		1.00		mg/Kg		11/11/21 12:30	11/13/21 11:25	500
Ethylbenzene	17.7		1.00		mg/Kg		11/11/21 12:30	11/13/21 11:25	500
m-Xylene & p-Xylene	43.0		2.01		mg/Kg		11/11/21 12:30	11/13/21 11:25	500
o-Xylene	13.4		1.00		mg/Kg		11/11/21 12:30	11/13/21 11:25	500
Xylenes, Total	56.4		2.01		mg/Kg		11/11/21 12:30	11/13/21 11:25	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				11/11/21 12:30	11/13/21 11:25	500
1,4-Difluorobenzene (Surr)	107		70 - 130				11/11/21 12:30	11/13/21 11:25	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	129		2.01		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	5590		49.9		mg/Kg			11/16/21 09:53	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	926		49.9		mg/Kg		11/12/21 10:07	11/13/21 05:25	1
Diesel Range Organics (Over C10-C28)	4660		49.9		mg/Kg		11/12/21 10:07	11/13/21 05:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/12/21 10:07	11/13/21 05:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	143	S1+	70 - 130				11/12/21 10:07	11/13/21 05:25	1
o-Terphenyl	117		70 - 130				11/12/21 10:07	11/13/21 05:25	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P212

Lab Sample ID: 890-1563-37

Date Collected: 11/10/21 10:54

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	94.8		4.97		mg/Kg			11/14/21 14:51	1

Client Sample ID: P213

Lab Sample ID: 890-1563-38

Date Collected: 11/10/21 11:06

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2.66		1.00		mg/Kg		11/11/21 12:30	11/13/21 11:46	500
Toluene	23.3		1.00		mg/Kg		11/11/21 12:30	11/13/21 11:46	500
Ethylbenzene	12.1		1.00		mg/Kg		11/11/21 12:30	11/13/21 11:46	500
m-Xylene & p-Xylene	31.6		2.00		mg/Kg		11/11/21 12:30	11/13/21 11:46	500
o-Xylene	9.47		1.00		mg/Kg		11/11/21 12:30	11/13/21 11:46	500
Xylenes, Total	41.1		2.00		mg/Kg		11/11/21 12:30	11/13/21 11:46	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				11/11/21 12:30	11/13/21 11:46	500
1,4-Difluorobenzene (Surr)	105		70 - 130				11/11/21 12:30	11/13/21 11:46	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	79.1		2.00		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3870		49.9		mg/Kg			11/16/21 09:53	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	333		49.9		mg/Kg		11/12/21 10:07	11/13/21 05:46	1
Diesel Range Organics (Over C10-C28)	3540		49.9		mg/Kg		11/12/21 10:07	11/13/21 05:46	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/12/21 10:07	11/13/21 05:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	130		70 - 130				11/12/21 10:07	11/13/21 05:46	1
o-Terphenyl	115		70 - 130				11/12/21 10:07	11/13/21 05:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	257		4.99		mg/Kg			11/14/21 14:59	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P178

Lab Sample ID: 890-1563-39

Date Collected: 11/10/21 11:20

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: SURFACE

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	12.2		0.998		mg/Kg		11/11/21 12:30	11/13/21 12:06	500
Toluene	62.4		0.998		mg/Kg		11/11/21 12:30	11/13/21 12:06	500
Ethylbenzene	22.8		0.998		mg/Kg		11/11/21 12:30	11/13/21 12:06	500
m-Xylene & p-Xylene	56.1		2.00		mg/Kg		11/11/21 12:30	11/13/21 12:06	500
o-Xylene	18.1		0.998		mg/Kg		11/11/21 12:30	11/13/21 12:06	500
Xylenes, Total	74.2		2.00		mg/Kg		11/11/21 12:30	11/13/21 12:06	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	11/11/21 12:30	11/13/21 12:06	500
1,4-Difluorobenzene (Surr)	110		70 - 130	11/11/21 12:30	11/13/21 12:06	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	172		2.00		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	6140		49.9		mg/Kg			11/16/21 09:53	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	1960	F1	49.9		mg/Kg		11/12/21 10:07	11/12/21 22:10	1
Diesel Range Organics (Over C10-C28)	4180		49.9		mg/Kg		11/12/21 10:07	11/12/21 22:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/12/21 10:07	11/12/21 22:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	194	S1+	70 - 130	11/12/21 10:07	11/12/21 22:10	1
o-Terphenyl	135	S1+	70 - 130	11/12/21 10:07	11/12/21 22:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	33.6		4.95		mg/Kg			11/14/21 15:06	1

Client Sample ID: P179

Lab Sample ID: 890-1563-40

Date Collected: 11/10/21 11:22

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 2

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	12.0		0.992		mg/Kg		11/11/21 12:30	11/13/21 12:27	500
Toluene	57.3		0.992		mg/Kg		11/11/21 12:30	11/13/21 12:27	500
Ethylbenzene	20.8		0.992		mg/Kg		11/11/21 12:30	11/13/21 12:27	500
m-Xylene & p-Xylene	47.9		1.98		mg/Kg		11/11/21 12:30	11/13/21 12:27	500
o-Xylene	14.7		0.992		mg/Kg		11/11/21 12:30	11/13/21 12:27	500
Xylenes, Total	62.6		1.98		mg/Kg		11/11/21 12:30	11/13/21 12:27	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	11/11/21 12:30	11/13/21 12:27	500

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P179

Lab Sample ID: 890-1563-40

Date Collected: 11/10/21 11:22

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 2

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	106		70 - 130	11/11/21 12:30	11/13/21 12:27	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	153		1.98		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	6980		49.8		mg/Kg			11/16/21 09:53	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	1500		49.8		mg/Kg		11/12/21 10:07	11/13/21 06:06	1
Diesel Range Organics (Over C10-C28)	5480		49.8		mg/Kg		11/12/21 10:07	11/13/21 06:06	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/12/21 10:07	11/13/21 06:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	172	S1+	70 - 130				11/12/21 10:07	11/13/21 06:06	1
o-Terphenyl	126		70 - 130				11/12/21 10:07	11/13/21 06:06	

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	295		5.00		mg/Kg			11/14/21 15:13	1

Client Sample ID: P145

Lab Sample ID: 890-1563-41

Date Collected: 11/10/21 12:37

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 2

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	8.04		0.990		mg/Kg		11/11/21 12:34	11/13/21 16:30	500
Toluene	43.8		0.990		mg/Kg		11/11/21 12:34	11/13/21 16:30	500
Ethylbenzene	14.0		0.990		mg/Kg		11/11/21 12:34	11/13/21 16:30	500
m-Xylene & p-Xylene	33.4		1.98		mg/Kg		11/11/21 12:34	11/13/21 16:30	500
o-Xylene	13.8		0.990		mg/Kg		11/11/21 12:34	11/13/21 16:30	500
Xylenes, Total	47.2		1.98		mg/Kg		11/11/21 12:34	11/13/21 16:30	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	11/11/21 12:34	11/13/21 16:30	500
1,4-Difluorobenzene (Surr)	96		70 - 130	11/11/21 12:34	11/13/21 16:30	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	113		1.98		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	6070		50.0		mg/Kg			11/16/21 09:53	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P145

Lab Sample ID: 890-1563-41

Date Collected: 11/10/21 12:37

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 2

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	1340		50.0		mg/Kg		11/12/21 15:28	11/13/21 23:41	1
Diesel Range Organics (Over C10-C28)	4220		50.0		mg/Kg		11/12/21 15:28	11/13/21 23:41	1
Oil Range Organics (Over C28-C36)	505		50.0		mg/Kg		11/12/21 15:28	11/13/21 23:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	135	S1+	70 - 130				11/12/21 15:28	11/13/21 23:41	1
o-Terphenyl	109		70 - 130				11/12/21 15:28	11/13/21 23:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	243		4.97		mg/Kg			11/14/21 15:21	1

Client Sample ID: P144

Lab Sample ID: 890-1563-42

Date Collected: 11/10/21 12:42

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: SURFACE

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	26.4		0.994		mg/Kg		11/11/21 12:34	11/13/21 16:50	500
Toluene	113		0.994		mg/Kg		11/11/21 12:34	11/13/21 16:50	500
Ethylbenzene	35.4		0.994		mg/Kg		11/11/21 12:34	11/13/21 16:50	500
m-Xylene & p-Xylene	86.8		1.99		mg/Kg		11/11/21 12:34	11/13/21 16:50	500
o-Xylene	28.4		0.994		mg/Kg		11/11/21 12:34	11/13/21 16:50	500
Xylenes, Total	115		1.99		mg/Kg		11/11/21 12:34	11/13/21 16:50	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130				11/11/21 12:34	11/13/21 16:50	500
1,4-Difluorobenzene (Surr)	111		70 - 130				11/11/21 12:34	11/13/21 16:50	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	290		1.99		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	12600		250		mg/Kg			11/16/21 09:53	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	4630		250		mg/Kg		11/12/21 15:28	11/14/21 00:02	5
Diesel Range Organics (Over C10-C28)	6950		250		mg/Kg		11/12/21 15:28	11/14/21 00:02	5
Oil Range Organics (Over C28-C36)	1040		250		mg/Kg		11/12/21 15:28	11/14/21 00:02	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	174	S1+	70 - 130				11/12/21 15:28	11/14/21 00:02	5

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P144

Lab Sample ID: 890-1563-42

Date Collected: 11/10/21 12:42

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: SURFACE

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	112		70 - 130	11/12/21 15:28	11/14/21 00:02	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	78.9		4.96		mg/Kg			11/14/21 15:28	1

Client Sample ID: P110

Lab Sample ID: 890-1563-43

Date Collected: 11/10/21 12:56

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	3.96		1.00		mg/Kg		11/11/21 12:34	11/13/21 17:11	500
Toluene	25.4		1.00		mg/Kg		11/11/21 12:34	11/13/21 17:11	500
Ethylbenzene	9.87		1.00		mg/Kg		11/11/21 12:34	11/13/21 17:11	500
m-Xylene & p-Xylene	26.2		2.00		mg/Kg		11/11/21 12:34	11/13/21 17:11	500
o-Xylene	9.52		1.00		mg/Kg		11/11/21 12:34	11/13/21 17:11	500
Xylenes, Total	35.7		2.00		mg/Kg		11/11/21 12:34	11/13/21 17:11	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	11/11/21 12:34	11/13/21 17:11	500
1,4-Difluorobenzene (Surr)	98		70 - 130	11/11/21 12:34	11/13/21 17:11	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	75.0		2.00		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	11000		249		mg/Kg			11/16/21 09:53	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	1060		249		mg/Kg		11/12/21 15:28	11/14/21 00:24	5
Diesel Range Organics (Over C10-C28)	9020		249		mg/Kg		11/12/21 15:28	11/14/21 00:24	5
Oil Range Organics (Over C28-C36)	909		249		mg/Kg		11/12/21 15:28	11/14/21 00:24	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	130		70 - 130	11/12/21 15:28	11/14/21 00:24	5
o-Terphenyl	121		70 - 130	11/12/21 15:28	11/14/21 00:24	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	426		5.00		mg/Kg			11/14/21 15:35	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P111

Lab Sample ID: 890-1563-44

Date Collected: 11/10/21 13:01

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 2

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2.22		0.998		mg/Kg		11/11/21 12:34	11/13/21 17:31	500
Toluene	20.2		0.998		mg/Kg		11/11/21 12:34	11/13/21 17:31	500
Ethylbenzene	9.58		0.998		mg/Kg		11/11/21 12:34	11/13/21 17:31	500
m-Xylene & p-Xylene	25.4		2.00		mg/Kg		11/11/21 12:34	11/13/21 17:31	500
o-Xylene	9.40		0.998		mg/Kg		11/11/21 12:34	11/13/21 17:31	500
Xylenes, Total	34.8		2.00		mg/Kg		11/11/21 12:34	11/13/21 17:31	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	11/11/21 12:34	11/13/21 17:31	500
1,4-Difluorobenzene (Surr)	98		70 - 130	11/11/21 12:34	11/13/21 17:31	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	66.8		2.00		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	6560		50.0		mg/Kg			11/16/21 09:53	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	1100		50.0		mg/Kg		11/12/21 15:28	11/14/21 00:45	1
Diesel Range Organics (Over C10-C28)	4790		50.0		mg/Kg		11/12/21 15:28	11/14/21 00:45	1
Oil Range Organics (Over C28-C36)	672		50.0		mg/Kg		11/12/21 15:28	11/14/21 00:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	145	S1+	70 - 130	11/12/21 15:28	11/14/21 00:45	1
o-Terphenyl	106		70 - 130	11/12/21 15:28	11/14/21 00:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	238		4.97		mg/Kg			11/14/21 19:46	1

Client Sample ID: P112

Lab Sample ID: 890-1563-45

Date Collected: 11/10/21 13:13

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2.15		0.990		mg/Kg		11/11/21 12:34	11/13/21 17:52	500
Toluene	23.3		0.990		mg/Kg		11/11/21 12:34	11/13/21 17:52	500
Ethylbenzene	11.2		0.990		mg/Kg		11/11/21 12:34	11/13/21 17:52	500
m-Xylene & p-Xylene	27.5		1.98		mg/Kg		11/11/21 12:34	11/13/21 17:52	500
o-Xylene	7.95		0.990		mg/Kg		11/11/21 12:34	11/13/21 17:52	500
Xylenes, Total	35.5		1.98		mg/Kg		11/11/21 12:34	11/13/21 17:52	500

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P112

Lab Sample ID: 890-1563-45

Date Collected: 11/10/21 13:13

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	11/11/21 12:34	11/13/21 17:52	500
1,4-Difluorobenzene (Surr)	96		70 - 130	11/11/21 12:34	11/13/21 17:52	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	72.1		1.98		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	9740		249		mg/Kg			11/16/21 09:53	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	1910		249		mg/Kg		11/12/21 15:28	11/14/21 01:06	5
Diesel Range Organics (Over C10-C28)	7220		249		mg/Kg		11/12/21 15:28	11/14/21 01:06	5
Oil Range Organics (Over C28-C36)	612		249		mg/Kg		11/12/21 15:28	11/14/21 01:06	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	146	S1+	70 - 130				11/12/21 15:28	11/14/21 01:06	5
o-Terphenyl	121		70 - 130				11/12/21 15:28	11/14/21 01:06	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	85.9		4.95		mg/Kg			11/14/21 19:53	1

Client Sample ID: P113

Lab Sample ID: 890-1563-46

Date Collected: 11/10/21 13:21

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	11.4		0.996		mg/Kg		11/11/21 12:34	11/13/21 18:12	500
Toluene	65.3		0.996		mg/Kg		11/11/21 12:34	11/13/21 18:12	500
Ethylbenzene	24.5		0.996		mg/Kg		11/11/21 12:34	11/13/21 18:12	500
m-Xylene & p-Xylene	59.6		1.99		mg/Kg		11/11/21 12:34	11/13/21 18:12	500
o-Xylene	19.5		0.996		mg/Kg		11/11/21 12:34	11/13/21 18:12	500
Xylenes, Total	79.1		1.99		mg/Kg		11/11/21 12:34	11/13/21 18:12	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				11/11/21 12:34	11/13/21 18:12	500
1,4-Difluorobenzene (Surr)	105		70 - 130				11/11/21 12:34	11/13/21 18:12	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	180		1.99		mg/Kg			11/16/21 14:17	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P113

Lab Sample ID: 890-1563-46

Date Collected: 11/10/21 13:21

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	14200		249		mg/Kg			11/16/21 09:53	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	4300		249		mg/Kg		11/12/21 15:28	11/14/21 01:28	5
Diesel Range Organics (Over C10-C28)	9060		249		mg/Kg		11/12/21 15:28	11/14/21 01:28	5
Oil Range Organics (Over C28-C36)	871		249		mg/Kg		11/12/21 15:28	11/14/21 01:28	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	178	S1+	70 - 130				11/12/21 15:28	11/14/21 01:28	5
o-Terphenyl	99		70 - 130				11/12/21 15:28	11/14/21 01:28	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	106		4.99		mg/Kg			11/14/21 20:01	1

Client Sample ID: P245

Lab Sample ID: 890-1563-47

Date Collected: 11/10/21 13:51

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	8.83		0.990		mg/Kg		11/11/21 12:34	11/13/21 18:32	500
Toluene	53.8		0.990		mg/Kg		11/11/21 12:34	11/13/21 18:32	500
Ethylbenzene	22.4		0.990		mg/Kg		11/11/21 12:34	11/13/21 18:32	500
m-Xylene & p-Xylene	52.8		1.98		mg/Kg		11/11/21 12:34	11/13/21 18:32	500
o-Xylene	16.8		0.990		mg/Kg		11/11/21 12:34	11/13/21 18:32	500
Xylenes, Total	69.6		1.98		mg/Kg		11/11/21 12:34	11/13/21 18:32	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				11/11/21 12:34	11/13/21 18:32	500
1,4-Difluorobenzene (Surr)	104		70 - 130				11/11/21 12:34	11/13/21 18:32	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	155		1.98		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	5970		49.8		mg/Kg			11/16/21 09:53	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	1720		49.8		mg/Kg		11/12/21 15:28	11/14/21 01:49	1
Diesel Range Organics (Over C10-C28)	3840		49.8		mg/Kg		11/12/21 15:28	11/14/21 01:49	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P245

Lab Sample ID: 890-1563-47

Date Collected: 11/10/21 13:51

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	410		49.8		mg/Kg		11/12/21 15:28	11/14/21 01:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130				11/12/21 15:28	11/14/21 01:49	1
o-Terphenyl	111		70 - 130				11/12/21 15:28	11/14/21 01:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110		4.96		mg/Kg			11/14/21 20:08	1

Client Sample ID: P244

Lab Sample ID: 890-1563-48

Date Collected: 11/10/21 13:55

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.30		0.990		mg/Kg		11/11/21 12:34	11/13/21 18:53	500
Toluene	10.2		0.990		mg/Kg		11/11/21 12:34	11/13/21 18:53	500
Ethylbenzene	4.22		0.990		mg/Kg		11/11/21 12:34	11/13/21 18:53	500
m-Xylene & p-Xylene	12.1		1.98		mg/Kg		11/11/21 12:34	11/13/21 18:53	500
o-Xylene	5.31		0.990		mg/Kg		11/11/21 12:34	11/13/21 18:53	500
Xylenes, Total	17.4		1.98		mg/Kg		11/11/21 12:34	11/13/21 18:53	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				11/11/21 12:34	11/13/21 18:53	500
1,4-Difluorobenzene (Surr)	101		70 - 130				11/11/21 12:34	11/13/21 18:53	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	33.1		1.98		mg/Kg			11/16/21 14:17	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2700		49.9		mg/Kg			11/16/21 09:53	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	543		49.9		mg/Kg		11/12/21 15:28	11/13/21 22:36	1
Diesel Range Organics (Over C10-C28)	1960		49.9		mg/Kg		11/12/21 15:28	11/13/21 22:36	1
Oil Range Organics (Over C28-C36)	192		49.9		mg/Kg		11/12/21 15:28	11/13/21 22:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	139	S1+	70 - 130				11/12/21 15:28	11/13/21 22:36	1
o-Terphenyl	123		70 - 130				11/12/21 15:28	11/13/21 22:36	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P244

Lab Sample ID: 890-1563-48

Date Collected: 11/10/21 13:55

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	101		5.03		mg/Kg			11/14/21 20:16	1

Client Sample ID: P243

Lab Sample ID: 890-1563-49

Date Collected: 11/10/21 14:21

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	5.16		0.994		mg/Kg		11/11/21 12:34	11/13/21 20:15	500
Toluene	29.8		0.994		mg/Kg		11/11/21 12:34	11/13/21 20:15	500
Ethylbenzene	11.9		0.994		mg/Kg		11/11/21 12:34	11/13/21 20:15	500
m-Xylene & p-Xylene	24.1		1.99		mg/Kg		11/11/21 12:34	11/13/21 20:15	500
o-Xylene	8.61		0.994		mg/Kg		11/11/21 12:34	11/13/21 20:15	500
Xylenes, Total	32.7		1.99		mg/Kg		11/11/21 12:34	11/13/21 20:15	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				11/11/21 12:34	11/13/21 20:15	500
1,4-Difluorobenzene (Surr)	102		70 - 130				11/11/21 12:34	11/13/21 20:15	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	79.6		1.99		mg/Kg			11/16/21 14:23	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	4780		49.8		mg/Kg			11/16/21 09:53	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	1540		49.8		mg/Kg		11/12/21 15:28	11/14/21 02:10	1
Diesel Range Organics (Over C10-C28)	2940		49.8		mg/Kg		11/12/21 15:28	11/14/21 02:10	1
Oil Range Organics (Over C28-C36)	304		49.8		mg/Kg		11/12/21 15:28	11/14/21 02:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				11/12/21 15:28	11/14/21 02:10	1
o-Terphenyl	109		70 - 130				11/12/21 15:28	11/14/21 02:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	98.3		5.05		mg/Kg			11/14/21 20:23	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P242

Lab Sample ID: 890-1563-50

Date Collected: 11/10/21 14:27

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	3.54		1.01		mg/Kg		11/11/21 12:34	11/13/21 20:36	500
Toluene	23.8		1.01		mg/Kg		11/11/21 12:34	11/13/21 20:36	500
Ethylbenzene	8.99		1.01		mg/Kg		11/11/21 12:34	11/13/21 20:36	500
m-Xylene & p-Xylene	22.5		2.02		mg/Kg		11/11/21 12:34	11/13/21 20:36	500
o-Xylene	8.46		1.01		mg/Kg		11/11/21 12:34	11/13/21 20:36	500
Xylenes, Total	31.0		2.02		mg/Kg		11/11/21 12:34	11/13/21 20:36	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	11/11/21 12:34	11/13/21 20:36	500
1,4-Difluorobenzene (Surr)	98		70 - 130	11/11/21 12:34	11/13/21 20:36	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	67.3		2.02		mg/Kg			11/16/21 14:23	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3560		49.9		mg/Kg			11/16/21 09:53	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	1020		49.9		mg/Kg		11/12/21 15:28	11/14/21 02:31	1
Diesel Range Organics (Over C10-C28)	2290		49.9		mg/Kg		11/12/21 15:28	11/14/21 02:31	1
Oil Range Organics (Over C28-C36)	245		49.9		mg/Kg		11/12/21 15:28	11/14/21 02:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	138	S1+	70 - 130	11/12/21 15:28	11/14/21 02:31	1
o-Terphenyl	114		70 - 130	11/12/21 15:28	11/14/21 02:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	56.9		4.98		mg/Kg			11/14/21 20:45	1

Client Sample ID: P240

Lab Sample ID: 890-1563-51

Date Collected: 11/10/21 14:44

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.68		0.998		mg/Kg		11/11/21 12:34	11/13/21 20:56	500
Toluene	17.5		0.998		mg/Kg		11/11/21 12:34	11/13/21 20:56	500
Ethylbenzene	7.92		0.998		mg/Kg		11/11/21 12:34	11/13/21 20:56	500
m-Xylene & p-Xylene	19.9		2.00		mg/Kg		11/11/21 12:34	11/13/21 20:56	500
o-Xylene	6.55		0.998		mg/Kg		11/11/21 12:34	11/13/21 20:56	500
Xylenes, Total	26.5		2.00		mg/Kg		11/11/21 12:34	11/13/21 20:56	500

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P240

Lab Sample ID: 890-1563-51

Date Collected: 11/10/21 14:44

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	11/11/21 12:34	11/13/21 20:56	500
1,4-Difluorobenzene (Surr)	92		70 - 130	11/11/21 12:34	11/13/21 20:56	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	53.6		2.00		mg/Kg			11/16/21 14:23	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3350		50.0		mg/Kg			11/16/21 09:53	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	1000		50.0		mg/Kg		11/12/21 15:28	11/14/21 03:13	1
Diesel Range Organics (Over C10-C28)	2130		50.0		mg/Kg		11/12/21 15:28	11/14/21 03:13	1
Oil Range Organics (Over C28-C36)	222		50.0		mg/Kg		11/12/21 15:28	11/14/21 03:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	142	S1+	70 - 130				11/12/21 15:28	11/14/21 03:13	1
o-Terphenyl	111		70 - 130				11/12/21 15:28	11/14/21 03:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	135		4.95		mg/Kg			11/14/21 20:52	1

Client Sample ID: P239

Lab Sample ID: 890-1563-52

Date Collected: 11/10/21 14:47

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	5.00		1.00		mg/Kg		11/11/21 12:34	11/13/21 21:17	500
Toluene	37.2		1.00		mg/Kg		11/11/21 12:34	11/13/21 21:17	500
Ethylbenzene	15.5		1.00		mg/Kg		11/11/21 12:34	11/13/21 21:17	500
m-Xylene & p-Xylene	35.5		2.00		mg/Kg		11/11/21 12:34	11/13/21 21:17	500
o-Xylene	10.9		1.00		mg/Kg		11/11/21 12:34	11/13/21 21:17	500
Xylenes, Total	46.4		2.00		mg/Kg		11/11/21 12:34	11/13/21 21:17	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				11/11/21 12:34	11/13/21 21:17	500
1,4-Difluorobenzene (Surr)	99		70 - 130				11/11/21 12:34	11/13/21 21:17	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	104		2.00		mg/Kg			11/16/21 14:23	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P239

Lab Sample ID: 890-1563-52

Date Collected: 11/10/21 14:47

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	4620		49.9		mg/Kg			11/16/21 09:53	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	1720		49.9		mg/Kg		11/12/21 08:58	11/13/21 03:45	1
Diesel Range Organics (Over C10-C28)	2900		49.9		mg/Kg		11/12/21 08:58	11/13/21 03:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/12/21 08:58	11/13/21 03:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				11/12/21 08:58	11/13/21 03:45	1
o-Terphenyl	98		70 - 130				11/12/21 08:58	11/13/21 03:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	93.3		4.97		mg/Kg			11/14/21 21:14	1

Client Sample ID: P205

Lab Sample ID: 890-1563-53

Date Collected: 11/10/21 15:13

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	11.6		1.01		mg/Kg		11/11/21 12:34	11/13/21 21:37	500
Toluene	70.7		1.01		mg/Kg		11/11/21 12:34	11/13/21 21:37	500
Ethylbenzene	29.9		1.01		mg/Kg		11/11/21 12:34	11/13/21 21:37	500
m-Xylene & p-Xylene	68.5		2.01		mg/Kg		11/11/21 12:34	11/13/21 21:37	500
o-Xylene	21.9		1.01		mg/Kg		11/11/21 12:34	11/13/21 21:37	500
Xylenes, Total	90.4		2.01		mg/Kg		11/11/21 12:34	11/13/21 21:37	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				11/11/21 12:34	11/13/21 21:37	500
1,4-Difluorobenzene (Surr)	104		70 - 130				11/11/21 12:34	11/13/21 21:37	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	203		2.01		mg/Kg			11/16/21 14:23	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	5270		50.0		mg/Kg			11/16/21 09:53	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	1820		50.0		mg/Kg		11/12/21 08:58	11/13/21 04:10	1
Diesel Range Organics (Over C10-C28)	3450		50.0		mg/Kg		11/12/21 08:58	11/13/21 04:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/12/21 08:58	11/13/21 04:10	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P205

Lab Sample ID: 890-1563-53

Date Collected: 11/10/21 15:13

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130	11/12/21 08:58	11/13/21 04:10	1
o-Terphenyl	94		70 - 130	11/12/21 08:58	11/13/21 04:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.4		4.95		mg/Kg			11/14/21 21:22	1

Client Sample ID: P206

Lab Sample ID: 890-1563-54

Date Collected: 11/10/21 15:18

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2.28		0.996		mg/Kg		11/11/21 12:34	11/13/21 21:58	500
Toluene	17.4		0.996		mg/Kg		11/11/21 12:34	11/13/21 21:58	500
Ethylbenzene	7.43		0.996		mg/Kg		11/11/21 12:34	11/13/21 21:58	500
m-Xylene & p-Xylene	17.5		1.99		mg/Kg		11/11/21 12:34	11/13/21 21:58	500
o-Xylene	6.07		0.996		mg/Kg		11/11/21 12:34	11/13/21 21:58	500
Xylenes, Total	23.6		1.99		mg/Kg		11/11/21 12:34	11/13/21 21:58	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	11/11/21 12:34	11/13/21 21:58	500
1,4-Difluorobenzene (Surr)	105		70 - 130	11/11/21 12:34	11/13/21 21:58	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	50.7		1.99		mg/Kg			11/16/21 14:23	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1240		49.8		mg/Kg			11/16/21 09:53	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	342		49.8		mg/Kg		11/12/21 08:58	11/13/21 04:37	1
Diesel Range Organics (Over C10-C28)	899		49.8		mg/Kg		11/12/21 08:58	11/13/21 04:37	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/12/21 08:58	11/13/21 04:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130	11/12/21 08:58	11/13/21 04:37	1
o-Terphenyl	121		70 - 130	11/12/21 08:58	11/13/21 04:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	60.7		4.95		mg/Kg			11/14/21 21:29	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P207

Lab Sample ID: 890-1563-55

Date Collected: 11/10/21 15:23

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	11.6		1.00		mg/Kg		11/11/21 12:34	11/13/21 22:18	500
Toluene	51.7		1.00		mg/Kg		11/11/21 12:34	11/13/21 22:18	500
Ethylbenzene	16.6		1.00		mg/Kg		11/11/21 12:34	11/13/21 22:18	500
m-Xylene & p-Xylene	34.2		2.00		mg/Kg		11/11/21 12:34	11/13/21 22:18	500
o-Xylene	11.9		1.00		mg/Kg		11/11/21 12:34	11/13/21 22:18	500
Xylenes, Total	46.1		2.00		mg/Kg		11/11/21 12:34	11/13/21 22:18	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	11/11/21 12:34	11/13/21 22:18	500
1,4-Difluorobenzene (Surr)	103		70 - 130	11/11/21 12:34	11/13/21 22:18	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	126		2.00		mg/Kg			11/16/21 14:23	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	4990		49.9		mg/Kg			11/16/21 09:53	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	2150		49.9		mg/Kg		11/12/21 08:58	11/13/21 05:00	1
Diesel Range Organics (Over C10-C28)	2840		49.9		mg/Kg		11/12/21 08:58	11/13/21 05:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/12/21 08:58	11/13/21 05:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130	11/12/21 08:58	11/13/21 05:00	1
o-Terphenyl	102		70 - 130	11/12/21 08:58	11/13/21 05:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	48.3		4.95		mg/Kg			11/14/21 21:36	1

Client Sample ID: P208

Lab Sample ID: 890-1563-56

Date Collected: 11/10/21 15:30

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2.88		0.990		mg/Kg		11/11/21 12:34	11/13/21 22:38	500
Toluene	22.7		0.990		mg/Kg		11/11/21 12:34	11/13/21 22:38	500
Ethylbenzene	10.1		0.990		mg/Kg		11/11/21 12:34	11/13/21 22:38	500
m-Xylene & p-Xylene	18.6		1.98		mg/Kg		11/11/21 12:34	11/13/21 22:38	500
o-Xylene	7.71		0.990		mg/Kg		11/11/21 12:34	11/13/21 22:38	500
Xylenes, Total	26.3		1.98		mg/Kg		11/11/21 12:34	11/13/21 22:38	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	11/11/21 12:34	11/13/21 22:38	500

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P208

Lab Sample ID: 890-1563-56

Date Collected: 11/10/21 15:30

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	101		70 - 130	11/11/21 12:34	11/13/21 22:38	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	62.0		1.98		mg/Kg			11/16/21 14:23	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2450		49.9		mg/Kg			11/16/21 09:53	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	700		49.9		mg/Kg		11/12/21 08:58	11/13/21 05:24	1
Diesel Range Organics (Over C10-C28)	1750		49.9		mg/Kg		11/12/21 08:58	11/13/21 05:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/12/21 08:58	11/13/21 05:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				11/12/21 08:58	11/13/21 05:24	1
o-Terphenyl	98		70 - 130				11/12/21 08:58	11/13/21 05:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	89.8		5.00		mg/Kg			11/14/21 21:44	1

Client Sample ID: P209-P210

Lab Sample ID: 890-1563-57

Date Collected: 11/10/21 15:34

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.00	U	1.00		mg/Kg		11/11/21 12:34	11/13/21 22:59	500
Toluene	6.26		1.00		mg/Kg		11/11/21 12:34	11/13/21 22:59	500
Ethylbenzene	2.56		1.00		mg/Kg		11/11/21 12:34	11/13/21 22:59	500
m-Xylene & p-Xylene	6.40		2.01		mg/Kg		11/11/21 12:34	11/13/21 22:59	500
o-Xylene	2.89		1.00		mg/Kg		11/11/21 12:34	11/13/21 22:59	500
Xylenes, Total	9.29		2.01		mg/Kg		11/11/21 12:34	11/13/21 22:59	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	11/11/21 12:34	11/13/21 22:59	500
1,4-Difluorobenzene (Surr)	104		70 - 130	11/11/21 12:34	11/13/21 22:59	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	18.1		2.01		mg/Kg			11/16/21 14:23	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	464		49.9		mg/Kg			11/16/21 09:53	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P209-P210

Lab Sample ID: 890-1563-57

Date Collected: 11/10/21 15:34

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	92.8		49.9		mg/Kg		11/12/21 08:58	11/13/21 05:48	1
Diesel Range Organics (Over C10-C28)	371		49.9		mg/Kg		11/12/21 08:58	11/13/21 05:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/12/21 08:58	11/13/21 05:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				11/12/21 08:58	11/13/21 05:48	1
o-Terphenyl	111		70 - 130				11/12/21 08:58	11/13/21 05:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	60.7		4.97		mg/Kg			11/14/21 21:51	1

Client Sample ID: P211

Lab Sample ID: 890-1563-58

Date Collected: 11/10/21 15:34

Matrix: Solid

Date Received: 11/10/21 16:25

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.38		1.00		mg/Kg		11/11/21 12:34	11/13/21 23:19	500
Toluene	12.0		1.00		mg/Kg		11/11/21 12:34	11/13/21 23:19	500
Ethylbenzene	5.81		1.00		mg/Kg		11/11/21 12:34	11/13/21 23:19	500
m-Xylene & p-Xylene	14.8		2.00		mg/Kg		11/11/21 12:34	11/13/21 23:19	500
o-Xylene	5.13		1.00		mg/Kg		11/11/21 12:34	11/13/21 23:19	500
Xylenes, Total	19.9		2.00		mg/Kg		11/11/21 12:34	11/13/21 23:19	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				11/11/21 12:34	11/13/21 23:19	500
1,4-Difluorobenzene (Surr)	99		70 - 130				11/11/21 12:34	11/13/21 23:19	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	39.1		2.00		mg/Kg			11/16/21 14:23	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1400		49.8		mg/Kg			11/16/21 09:53	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	383		49.8		mg/Kg		11/12/21 08:58	11/13/21 06:09	1
Diesel Range Organics (Over C10-C28)	1020		49.8		mg/Kg		11/12/21 08:58	11/13/21 06:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/12/21 08:58	11/13/21 06:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				11/12/21 08:58	11/13/21 06:09	1
o-Terphenyl	120		70 - 130				11/12/21 08:58	11/13/21 06:09	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P211
Date Collected: 11/10/21 15:34
Date Received: 11/10/21 16:25
Sample Depth: 3

Lab Sample ID: 890-1563-58
Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.7		5.00		mg/Kg			11/14/21 21:59	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Surrogate Summary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
890-1563-1	P235	196 S1+	132 S1+
890-1563-1 MS	P235	159 S1+	130
890-1563-1 MSD	P235	190 S1+	121
890-1563-2	P234	147 S1+	89
890-1563-3	P233	129	109
890-1563-4	P232	203 S1+	127
890-1563-5	P231	174 S1+	143 S1+
890-1563-6	P230	124	81
890-1563-7	SP SW #1	167 S1+	118
890-1563-8	SP SW #2	148 S1+	98
890-1563-9	SP SW #3	176 S1+	97
890-1563-10	SP SW #4	131 S1+	104
890-1563-11	P224	148 S1+	119
890-1563-12	P223	126	102
890-1563-13	P269	199 S1+	105
890-1563-14	P268	142 S1+	121
890-1563-15	P267	162 S1+	99
890-1563-16	P266	166 S1+	101
890-1563-17	P265	172 S1+	106
890-1563-18	P264	193 S1+	101
890-1563-19	P263	215 S1+	112
890-1563-20	P262	148 S1+	105
890-1563-21	P261	141 S1+	109
890-1563-21 MS	P261	131 S1+	104
890-1563-21 MSD	P261	126	105
890-1563-22	SP SW #5	161 S1+	101
890-1563-23	SP SW #6	177 S1+	99
890-1563-24	P258	202 S1+	112
890-1563-25	P257	142 S1+	119
890-1563-26	P256	160 S1+	107
890-1563-27	P255	162 S1+	127
890-1563-28	P254	162 S1+	123
890-1563-29	P253	154 S1+	103
890-1563-30	P252	192 S1+	110
890-1563-31	P251	121	103
890-1563-32	P250	142 S1+	106
890-1563-33	P249	136 S1+	103
890-1563-34	P248	134 S1+	113
890-1563-35	P247	128	110
890-1563-36	P246	123	111
890-1563-37	P212	113	107
890-1563-38	P213	114	105
890-1563-39	P178	124	110
890-1563-40	P179	111	106
890-1563-41	P145	107	96
890-1563-42	P144	135 S1+	111
890-1563-43	P110	106	98
890-1563-44	P111	109	98
890-1563-45	P112	105	96

Eurofins Xenco, Carlsbad

Surrogate Summary

Client: Resolute Compliance LLC

Job ID: 890-1563-1

Project/Site: IM Bluestem Oil

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-1563-46	P113	122	105
890-1563-47	P245	121	104
890-1563-48	P244	107	101
890-1563-49	P243	103	102
890-1563-50	P242	100	98
890-1563-51	P240	108	92
890-1563-52	P239	109	99
890-1563-53	P205	123	104
890-1563-54	P206	105	105
890-1563-55	P207	109	103
890-1563-56	P208	107	101
890-1563-57	P209-P210	98	104
890-1563-58	P211	105	99
890-1571-A-1-A MS	Matrix Spike	141 S1+	121
890-1571-A-1-B MSD	Matrix Spike Duplicate	125	103
LCS 880-12016/1-A	Lab Control Sample	102	97
LCS 880-12017/1-A	Lab Control Sample	102	106
LCS 880-12018/1-A	Lab Control Sample	106	101
LCS 880-12208/1-A	Lab Control Sample	127	110
LCSD 880-12016/2-A	Lab Control Sample Dup	108	102
LCSD 880-12017/2-A	Lab Control Sample Dup	103	101
LCSD 880-12018/2-A	Lab Control Sample Dup	109	101
LCSD 880-12208/2-A	Lab Control Sample Dup	127	114
MB 880-12016/5-A	Method Blank	111	99
MB 880-12017/5-A	Method Blank	104	103
MB 880-12018/5-A	Method Blank	118	108
MB 880-12208/5-A	Method Blank	125	105
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-1561-A-21-E MS	Matrix Spike	97	111
890-1561-A-21-F MSD	Matrix Spike Duplicate	94	107
890-1562-A-1-C MS	Matrix Spike	121	117
890-1562-A-1-D MSD	Matrix Spike Duplicate	107	106
890-1563-1	P235	283 S1+	159 S1+
890-1563-2	P234	256 S1+	142 S1+
890-1563-3	P233	285 S1+	145 S1+
890-1563-4	P232	269 S1+	158 S1+
890-1563-5	P231	455 S1+	139 S1+
890-1563-6	P230	284 S1+	145 S1+
890-1563-7	SP SW #1	188 S1+	124
890-1563-8	SP SW #2	203 S1+	138 S1+
890-1563-9	SP SW #3	217 S1+	138 S1+

Eurofins Xenco, Carlsbad

Surrogate Summary

Client: Resolute Compliance LLC

Job ID: 890-1563-1

Project/Site: IM Bluestem Oil

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
890-1563-10	SP SW #4	163 S1+	133 S1+
890-1563-11	P224	207 S1+	136 S1+
890-1563-12	P223	156 S1+	120
890-1563-13	P269	239 S1+	129
890-1563-14	P268	255 S1+	134 S1+
890-1563-15	P267	490 S1+	153 S1+
890-1563-16	P266	251 S1+	149 S1+
890-1563-17	P265	268 S1+	144 S1+
890-1563-18	P264	229 S1+	133 S1+
890-1563-19	P263	226 S1+	127
890-1563-20	P262	279 S1+	162 S1+
890-1563-21	P261	270 S1+	133 S1+
890-1563-22	SP SW #5	288 S1+	125
890-1563-23	SP SW #6	112	113
890-1563-24	P258	159 S1+	127
890-1563-25	P257	219 S1+	106
890-1563-26	P256	217 S1+	115
890-1563-27	P255	230 S1+	103
890-1563-28	P254	282 S1+	110
890-1563-29	P253	194 S1+	100
890-1563-30	P252	253 S1+	126
890-1563-31	P251	314 S1+	151 S1+
890-1563-32	P250	250 S1+	139 S1+
890-1563-33	P249	240 S1+	131 S1+
890-1563-34	P248	212 S1+	114
890-1563-35	P247	247 S1+	138 S1+
890-1563-36	P246	213 S1+	128
890-1563-37	P212	143 S1+	117
890-1563-38	P213	130	115
890-1563-39	P178	194 S1+	135 S1+
890-1563-39 MS	P178	149 S1+	98
890-1563-39 MSD	P178	140 S1+	94
890-1563-40	P179	172 S1+	126
890-1563-41	P145	135 S1+	109
890-1563-42	P144	174 S1+	112
890-1563-43	P110	130	121
890-1563-44	P111	145 S1+	106
890-1563-45	P112	146 S1+	121
890-1563-46	P113	178 S1+	99
890-1563-47	P245	122	111
890-1563-48	P244	139 S1+	123
890-1563-48 MS	P244	132 S1+	104
890-1563-48 MSD	P244	128	97
890-1563-49	P243	103	109
890-1563-50	P242	138 S1+	114
890-1563-51	P240	142 S1+	111
890-1563-52	P239	120	98
890-1563-53	P205	117	94
890-1563-54	P206	121	121
890-1563-55	P207	121	102

Eurofins Xenco, Carlsbad

Surrogate Summary

Client: Resolute Compliance LLC

Job ID: 890-1563-1

Project/Site: IM Bluestem Oil

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-1563-56	P208	107	98
890-1563-57	P209-P210	98	111
890-1563-58	P211	111	120
LCS 880-12101/2-A	Lab Control Sample	86	97
LCS 880-12105/2-A	Lab Control Sample	101	104
LCS 880-12116/2-A	Lab Control Sample	92	91
LCS 880-12161/2-A	Lab Control Sample	97	103
LCSD 880-12101/3-A	Lab Control Sample Dup	84	102
LCSD 880-12105/3-A	Lab Control Sample Dup	95	96
LCSD 880-12116/3-A	Lab Control Sample Dup	90	86
LCSD 880-12161/3-A	Lab Control Sample Dup	98	103
MB 880-12101/1-A	Method Blank	104	117
MB 880-12105/1-A	Method Blank	119	138 S1+
MB 880-12116/1-A	Method Blank	110	133 S1+
MB 880-12161/1-A	Method Blank	131 S1+	146 S1+

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-12016/5-A

Matrix: Solid

Analysis Batch: 12125

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12016

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/11/21 12:27	11/12/21 17:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/11/21 12:27	11/12/21 17:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/11/21 12:27	11/12/21 17:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/11/21 12:27	11/12/21 17:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/11/21 12:27	11/12/21 17:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/11/21 12:27	11/12/21 17:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	11/11/21 12:27	11/12/21 17:39	1
1,4-Difluorobenzene (Surr)	99		70 - 130	11/11/21 12:27	11/12/21 17:39	1

Lab Sample ID: LCS 880-12016/1-A

Matrix: Solid

Analysis Batch: 12125

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12016

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09374		mg/Kg		94	70 - 130
Toluene	0.100	0.08797		mg/Kg		88	70 - 130
Ethylbenzene	0.100	0.08726		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	0.200	0.1757		mg/Kg		88	70 - 130
o-Xylene	0.100	0.08612		mg/Kg		86	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: LCSD 880-12016/2-A

Matrix: Solid

Analysis Batch: 12125

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 12016

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.1007		mg/Kg		101	70 - 130	7	35
Toluene	0.100	0.09330		mg/Kg		93	70 - 130	6	35
Ethylbenzene	0.100	0.09510		mg/Kg		95	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.1921	*1	mg/Kg		96	70 - 130	84	35
o-Xylene	0.100	0.09330		mg/Kg		93	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 890-1563-1 MS

Matrix: Solid

Analysis Batch: 12125

Client Sample ID: P235

Prep Type: Total/NA

Prep Batch: 12016

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	155		0.101	145.4	4	mg/Kg		-9663	70 - 130
Ethylbenzene	120		0.101	110.9	4	mg/Kg		-8953	70 - 130

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-1563-1 MS

Matrix: Solid

Analysis Batch: 12125

Client Sample ID: P235

Prep Type: Total/NA

Prep Batch: 12016

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
m-Xylene & p-Xylene	289	*- *1	0.201	240.8	4	mg/Kg		-2372 7	70 - 130
o-Xylene	89.9		0.101	94.89	4	mg/Kg		4962	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130						
1,4-Difluorobenzene (Surr)	130		70 - 130						

Lab Sample ID: 890-1563-1 MSD

Matrix: Solid

Analysis Batch: 12125

Client Sample ID: P235

Prep Type: Total/NA

Prep Batch: 12016

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	155		0.100	179.1	4	mg/Kg		23862	70 - 130	21	35
Ethylbenzene	120		0.100	139.6	4	mg/Kg		19675	70 - 130	23	35
m-Xylene & p-Xylene	289	*- *1	0.201	303.1	4	mg/Kg		7281	70 - 130	23	35
o-Xylene	89.9		0.100	111.1	4	mg/Kg		21131	70 - 130	16	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	190	S1+	70 - 130								
1,4-Difluorobenzene (Surr)	121		70 - 130								

Lab Sample ID: MB 880-12017/5-A

Matrix: Solid

Analysis Batch: 12125

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12017

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/11/21 12:30	11/13/21 04:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/11/21 12:30	11/13/21 04:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/11/21 12:30	11/13/21 04:34	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/11/21 12:30	11/13/21 04:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/11/21 12:30	11/13/21 04:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/11/21 12:30	11/13/21 04:34	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				11/11/21 12:30	11/13/21 04:34	1
1,4-Difluorobenzene (Surr)	103		70 - 130				11/11/21 12:30	11/13/21 04:34	1

Lab Sample ID: LCS 880-12017/1-A

Matrix: Solid

Analysis Batch: 12125

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12017

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1008		mg/Kg		101	70 - 130
Toluene	0.100	0.08895		mg/Kg		89	70 - 130
Ethylbenzene	0.100	0.08131		mg/Kg		81	70 - 130
m-Xylene & p-Xylene	0.200	0.1664		mg/Kg		83	70 - 130
o-Xylene	0.100	0.08319		mg/Kg		83	70 - 130

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-12017/1-A

Matrix: Solid

Analysis Batch: 12125

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12017

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: LCSD 880-12017/2-A

Matrix: Solid

Analysis Batch: 12125

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 12017

			Spike	LCSD	LCSD						
Analyte			Added	Result	Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limits
Benzene			0.100	0.1085		mg/Kg		108	70 - 130	7	35
Toluene			0.100	0.09545		mg/Kg		95	70 - 130	7	35
Ethylbenzene			0.100	0.08951		mg/Kg		90	70 - 130	10	35
m-Xylene & p-Xylene			0.200	0.1839		mg/Kg		92	70 - 130	10	35
o-Xylene			0.100	0.09124		mg/Kg		91	70 - 130	9	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 890-1563-21 MS

Matrix: Solid

Analysis Batch: 12125

Client Sample ID: P261

Prep Type: Total/NA

Prep Batch: 12017

	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	16.9		0.0992	66.01	4	mg/Kg		49496	70 - 130		
Toluene	88.0		0.0992	106.2	4	mg/Kg		18286	70 - 130		
Ethylbenzene	39.7		0.0992	69.97	4	mg/Kg		30474	70 - 130		
m-Xylene & p-Xylene	92.0		0.198	151.4	4	mg/Kg		29954	70 - 130		
o-Xylene	30.8		0.0992	62.54	4	mg/Kg		32015	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 890-1563-21 MSD

Matrix: Solid

Analysis Batch: 12125

Client Sample ID: P261

Prep Type: Total/NA

Prep Batch: 12017

	Sample	Sample	Spike	MSD	MSD				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	16.9		0.0998	62.73	4	mg/Kg		45922	70 - 130	5	35
Toluene	88.0		0.0998	105.1	4	mg/Kg		17115	70 - 130	1	35
Ethylbenzene	39.7		0.0998	66.34	4	mg/Kg		26652	70 - 130	5	35
m-Xylene & p-Xylene	92.0		0.200	141.8	4	mg/Kg		24958	70 - 130	7	35
o-Xylene	30.8		0.0998	60.98	4	mg/Kg		30255	70 - 130	3	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	126		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-12018/5-A

Matrix: Solid

Analysis Batch: 12125

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12018

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/11/21 12:34	11/13/21 15:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/11/21 12:34	11/13/21 15:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/11/21 12:34	11/13/21 15:27	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/11/21 12:34	11/13/21 15:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/11/21 12:34	11/13/21 15:27	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/11/21 12:34	11/13/21 15:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	11/11/21 12:34	11/13/21 15:27	1
1,4-Difluorobenzene (Surr)	108		70 - 130	11/11/21 12:34	11/13/21 15:27	1

Lab Sample ID: LCS 880-12018/1-A

Matrix: Solid

Analysis Batch: 12125

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12018

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1038		mg/Kg		104	70 - 130
Toluene	0.100	0.09378		mg/Kg		94	70 - 130
Ethylbenzene	0.100	0.08903		mg/Kg		89	70 - 130
m-Xylene & p-Xylene	0.200	0.1805		mg/Kg		90	70 - 130
o-Xylene	0.100	0.09105		mg/Kg		91	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-12018/2-A

Matrix: Solid

Analysis Batch: 12125

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 12018

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.1047		mg/Kg		105	70 - 130	1	35
Toluene	0.100	0.09704		mg/Kg		97	70 - 130	3	35
Ethylbenzene	0.100	0.09165		mg/Kg		92	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.1902		mg/Kg		95	70 - 130	5	35
o-Xylene	0.100	0.09487		mg/Kg		95	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: MB 880-12208/5-A

Matrix: Solid

Analysis Batch: 12216

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12208

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/15/21 08:00	11/15/21 11:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/15/21 08:00	11/15/21 11:28	1

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-12208/5-A

Matrix: Solid

Analysis Batch: 12216

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12208

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/15/21 08:00	11/15/21 11:28	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/15/21 08:00	11/15/21 11:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/15/21 08:00	11/15/21 11:28	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/15/21 08:00	11/15/21 11:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	11/15/21 08:00	11/15/21 11:28	1
1,4-Difluorobenzene (Surr)	105		70 - 130	11/15/21 08:00	11/15/21 11:28	1

Lab Sample ID: LCS 880-12208/1-A

Matrix: Solid

Analysis Batch: 12216

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12208

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1148		mg/Kg		115	70 - 130
Toluene	0.100	0.1202		mg/Kg		120	70 - 130
Ethylbenzene	0.100	0.1224		mg/Kg		122	70 - 130
m-Xylene & p-Xylene	0.200	0.2455		mg/Kg		123	70 - 130
o-Xylene	0.100	0.1160		mg/Kg		116	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	127		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: LCSD 880-12208/2-A

Matrix: Solid

Analysis Batch: 12216

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 12208

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.1093		mg/Kg		109	70 - 130	5	35
Toluene	0.100	0.1080		mg/Kg		108	70 - 130	11	35
Ethylbenzene	0.100	0.1165		mg/Kg		116	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.2185		mg/Kg		109	70 - 130	12	35
o-Xylene	0.100	0.1047		mg/Kg		105	70 - 130	10	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	127		70 - 130
1,4-Difluorobenzene (Surr)	114		70 - 130

Lab Sample ID: 890-1571-A-1-B MSD

Matrix: Solid

Analysis Batch: 12216

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 12208

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.0996	0.09691		mg/Kg					
Toluene	<0.00198	U	0.0996	0.1027		mg/Kg					
Ethylbenzene	<0.00198	U	0.0996	0.1034		mg/Kg					
m-Xylene & p-Xylene	<0.00396	U	0.199	0.1970		mg/Kg					

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-1571-A-1-B MSD

Matrix: Solid

Analysis Batch: 12216

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 12208

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
o-Xylene	<0.00198	U	0.0996	0.09744		mg/Kg					
Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits								
4-Bromofluorobenzene (Surr)	125		70 - 130								
1,4-Difluorobenzene (Surr)	103		70 - 130								

Lab Sample ID: 890-1571-A-1-A MS

Matrix: Solid

Analysis Batch: 12216

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	MS Limits
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130
1,4-Difluorobenzene (Surr)	121		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-12101/1-A

Matrix: Solid

Analysis Batch: 12088

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12101

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/12/21 08:58	11/12/21 21:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/12/21 08:58	11/12/21 21:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/12/21 08:58	11/12/21 21:45	1
Surrogate	MB %Recovery	MB Qualifier	MB Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				11/12/21 08:58	11/12/21 21:45	1
o-Terphenyl	117		70 - 130				11/12/21 08:58	11/12/21 21:45	1

Lab Sample ID: LCS 880-12101/2-A

Matrix: Solid

Analysis Batch: 12088

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12101

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec.		
			Added	Result	Qualifier			Limits			
Gasoline Range Organics (GRO)-C6-C10			1000	792.1		mg/Kg		79		70 - 130	
Diesel Range Organics (Over C10-C28)			1000	918.5		mg/Kg		92		70 - 130	

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-12101/3-A

Matrix: Solid

Analysis Batch: 12088

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 12101

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	811.1		mg/Kg		81	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	903.7		mg/Kg		90	70 - 130	2	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	84		70 - 130						
o-Terphenyl	102		70 - 130						

Lab Sample ID: 890-1561-A-21-E MS

Matrix: Solid

Analysis Batch: 12088

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 12101

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	925.5		mg/Kg		93	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	997	809.9		mg/Kg		81	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	97		70 - 130								
o-Terphenyl	111		70 - 130								

Lab Sample ID: 890-1561-A-21-F MSD

Matrix: Solid

Analysis Batch: 12088

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 12101

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	878.2		mg/Kg		88	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	789.4		mg/Kg		79	70 - 130	3	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	94		70 - 130								
o-Terphenyl	107		70 - 130								

Lab Sample ID: MB 880-12105/1-A

Matrix: Solid

Analysis Batch: 12084

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12105

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/12/21 09:17	11/12/21 21:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/12/21 09:17	11/12/21 21:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/12/21 09:17	11/12/21 21:07	1

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-12105/1-A

Matrix: Solid

Analysis Batch: 12084

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12105

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac			
1-Chlorooctane	119		70 - 130	11/12/21 09:17	11/12/21 21:07	1				
o-Terphenyl	138	S1+	70 - 130	11/12/21 09:17	11/12/21 21:07	1				

Lab Sample ID: LCS 880-12105/2-A

Matrix: Solid

Analysis Batch: 12084

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12105

			Spike	LCS	LCS				%Rec.		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1143		mg/Kg		114	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	938.5		mg/Kg		94	70 - 130		

	LCS	LCS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	101		70 - 130								
o-Terphenyl	104		70 - 130								

Lab Sample ID: LCSD 880-12105/3-A

Matrix: Solid

Analysis Batch: 12084

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 12105

			Spike	LCSD	LCSD				%Rec.		RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10			1000	1098		mg/Kg		110	70 - 130	4	20	
Diesel Range Organics (Over C10-C28)			1000	900.7		mg/Kg		90	70 - 130	4	20	

	LCSD	LCSD										
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	95		70 - 130									
o-Terphenyl	96		70 - 130									

Lab Sample ID: 890-1562-A-1-C MS

Matrix: Solid

Analysis Batch: 12084

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 12105

	Sample	Sample	Spike	MS	MS				%Rec.			
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F1 F2	997	1415	F1	mg/Kg		142	70 - 130			
Diesel Range Organics (Over C10-C28)	940		997	1983		mg/Kg		105	70 - 130			

	MS	MS										
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	121		70 - 130									
o-Terphenyl	117		70 - 130									

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-1562-A-1-D MSD

Matrix: Solid

Analysis Batch: 12084

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 12105

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F1 F2	998	1129	F2	mg/Kg		113	70 - 130	22	20
Diesel Range Organics (Over C10-C28)	940		998	1790		mg/Kg		85	70 - 130	10	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	107		70 - 130								
o-Terphenyl	106		70 - 130								

Lab Sample ID: MB 880-12116/1-A

Matrix: Solid

Analysis Batch: 12086

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12116

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/12/21 10:07	11/12/21 21:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/12/21 10:07	11/12/21 21:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/12/21 10:07	11/12/21 21:07	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				11/12/21 10:07	11/12/21 21:07	1
o-Terphenyl	133	S1+	70 - 130				11/12/21 10:07	11/12/21 21:07	1

Lab Sample ID: LCS 880-12116/2-A

Matrix: Solid

Analysis Batch: 12086

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12116

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	711.7		mg/Kg		71	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	947.9		mg/Kg		95	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	92		70 - 130						
o-Terphenyl	91		70 - 130						

Lab Sample ID: LCSD 880-12116/3-A

Matrix: Solid

Analysis Batch: 12086

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 12116

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	826.2		mg/Kg		83	70 - 130	15	20
Diesel Range Organics (Over C10-C28)	1000	827.5		mg/Kg		83	70 - 130	14	20

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-12116/3-A

Matrix: Solid

Analysis Batch: 12086

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 12116

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	90		70 - 130
o-Terphenyl	86		70 - 130

Lab Sample ID: 890-1563-39 MS

Matrix: Solid

Analysis Batch: 12086

Client Sample ID: P178

Prep Type: Total/NA

Prep Batch: 12116

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	1960	F1	997	2469	F1	mg/Kg		51	70 - 130	
Diesel Range Organics (Over C10-C28)	4180		997	4865	4	mg/Kg		69	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	149	S1+	70 - 130							
o-Terphenyl	98		70 - 130							

Lab Sample ID: 890-1563-39 MSD

Matrix: Solid

Analysis Batch: 12086

Client Sample ID: P178

Prep Type: Total/NA

Prep Batch: 12116

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	1960	F1	998	2390	F1	mg/Kg		44	70 - 130	3	20	
Diesel Range Organics (Over C10-C28)	4180		998	4569	4	mg/Kg		39	70 - 130	6	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	140	S1+	70 - 130									
o-Terphenyl	94		70 - 130									

Lab Sample ID: MB 880-12161/1-A

Matrix: Solid

Analysis Batch: 12189

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12161

	MB	MB									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/12/21 15:28	11/13/21 21:32	1		
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/12/21 15:28	11/13/21 21:32	1		
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/12/21 15:28	11/13/21 21:32	1		
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac		
1-Chlorooctane	131	S1+	70 - 130				11/12/21 15:28	11/13/21 21:32	1		
o-Terphenyl	146	S1+	70 - 130				11/12/21 15:28	11/13/21 21:32	1		

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-12161/2-A

Matrix: Solid

Analysis Batch: 12189

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12161

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
							Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1095		mg/Kg		109	70 - 130
Diesel Range Organics (Over C10-C28)	1000	885.1		mg/Kg		89	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	97		70 - 130				
o-Terphenyl	103		70 - 130				

Lab Sample ID: LCSD 880-12161/3-A

Matrix: Solid

Analysis Batch: 12189

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 12161

			Spike	LCSD	LCSD				%Rec.		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1134		mg/Kg		113	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	877.5		mg/Kg		88	70 - 130	1	20
			LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	98		70 - 130								
o-Terphenyl	103		70 - 130								

Lab Sample ID: 890-1563-48 MS

Matrix: Solid

Analysis Batch: 12189

Client Sample ID: P244

Prep Type: Total/NA

Prep Batch: 12161

	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	543		997	1695		mg/Kg		116	70 - 130		
Diesel Range Organics (Over C10-C28)	1960		997	3034		mg/Kg		108	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	132	S1+	70 - 130								
o-Terphenyl	104		70 - 130								

Lab Sample ID: 890-1563-48 MSD

Matrix: Solid

Analysis Batch: 12189

Client Sample ID: P244

Prep Type: Total/NA

Prep Batch: 12161

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	543		998	1725		mg/Kg		118	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1960		998	2695		mg/Kg		74	70 - 130	12	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	128		70 - 130								

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-1563-48 MSD

Matrix: Solid

Analysis Batch: 12189

Client Sample ID: P244

Prep Type: Total/NA

Prep Batch: 12161

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	97		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-12131/1-A

Matrix: Solid

Analysis Batch: 12202

Client Sample ID: Method Blank

Prep Type: Soluble

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Chloride	<5.00	U	5.00		mg/Kg			11/14/21 03:56		1

Lab Sample ID: LCS 880-12131/2-A

Matrix: Solid

Analysis Batch: 12202

Client Sample ID: Lab Control Sample

Prep Type: Soluble

			Spike	LCS	LCS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride			250	231.3		mg/Kg		93	90 - 110	

Lab Sample ID: LCSD 880-12131/3-A

Matrix: Solid

Analysis Batch: 12202

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

			Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride			250	235.9		mg/Kg		94	90 - 110	2	20

Lab Sample ID: 890-1549-A-31-K MS

Matrix: Solid

Analysis Batch: 12202

Client Sample ID: Matrix Spike

Prep Type: Soluble

	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	97.9	F1	250	121.3	F1	mg/Kg		9	90 - 110		

Lab Sample ID: 890-1549-A-31-L MSD

Matrix: Solid

Analysis Batch: 12202

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	97.9	F1	250	104.3	F1	mg/Kg		3	90 - 110	15	20

Lab Sample ID: MB 880-12132/1-A

Matrix: Solid

Analysis Batch: 12203

Client Sample ID: Method Blank

Prep Type: Soluble

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Chloride	<5.00	U	5.00		mg/Kg			11/14/21 14:05		1

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-12132/2-A

Matrix: Solid

Analysis Batch: 12203

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	252.1		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-12132/3-A

Matrix: Solid

Analysis Batch: 12203

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	251.8		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 890-1563-4 MS

Matrix: Solid

Analysis Batch: 12203

Client Sample ID: P232

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	95.0		249	342.2		mg/Kg		99	90 - 110

Lab Sample ID: 890-1563-4 MSD

Matrix: Solid

Analysis Batch: 12203

Client Sample ID: P232

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	95.0		249	339.3		mg/Kg		98	90 - 110	1	20

Lab Sample ID: 890-1563-14 MS

Matrix: Solid

Analysis Batch: 12203

Client Sample ID: P268

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	62.0		248	301.4		mg/Kg		97	90 - 110

Lab Sample ID: 890-1563-14 MSD

Matrix: Solid

Analysis Batch: 12203

Client Sample ID: P268

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	62.0		248	302.0		mg/Kg		97	90 - 110	0	20

Lab Sample ID: MB 880-12133/1-A

Matrix: Solid

Analysis Batch: 12204

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			11/14/21 11:54	1

Lab Sample ID: LCS 880-12133/2-A

Matrix: Solid

Analysis Batch: 12204

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	261.5		mg/Kg		105	90 - 110

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-12133/3-A

Matrix: Solid

Analysis Batch: 12204

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	261.9		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 890-1563-24 MS

Matrix: Solid

Analysis Batch: 12204

Client Sample ID: P258

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	105		248	362.5		mg/Kg		104	90 - 110		

Lab Sample ID: 890-1563-24 MSD

Matrix: Solid

Analysis Batch: 12204

Client Sample ID: P258

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	105		248	363.2		mg/Kg		104	90 - 110	0	20

Lab Sample ID: 890-1563-34 MS

Matrix: Solid

Analysis Batch: 12204

Client Sample ID: P248

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	91.0		251	346.5		mg/Kg		102	90 - 110		

Lab Sample ID: 890-1563-34 MSD

Matrix: Solid

Analysis Batch: 12204

Client Sample ID: P248

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	91.0		251	348.0		mg/Kg		103	90 - 110	0	20

Lab Sample ID: MB 880-12134/1-A

Matrix: Solid

Analysis Batch: 12209

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			11/14/21 18:18	1

Lab Sample ID: LCS 880-12134/2-A

Matrix: Solid

Analysis Batch: 12209

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	250.1		mg/Kg		100	90 - 110		

Lab Sample ID: LCSD 880-12134/3-A

Matrix: Solid

Analysis Batch: 12209

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	252.0		mg/Kg		101	90 - 110	1	20

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-1563-49 MS

Matrix: Solid

Analysis Batch: 12209

Client Sample ID: P243

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	98.3		253	346.0		mg/Kg		98	90 - 110

Lab Sample ID: 890-1563-49 MSD

Matrix: Solid

Analysis Batch: 12209

Client Sample ID: P243

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	98.3		253	342.9		mg/Kg		97	90 - 110	1	20

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

GC VOA

Prep Batch: 12016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1563-1	P235	Total/NA	Solid	5035	
890-1563-2	P234	Total/NA	Solid	5035	
890-1563-3	P233	Total/NA	Solid	5035	
890-1563-4	P232	Total/NA	Solid	5035	
890-1563-5	P231	Total/NA	Solid	5035	
890-1563-6	P230	Total/NA	Solid	5035	
890-1563-7	SP SW #1	Total/NA	Solid	5035	
890-1563-8	SP SW #2	Total/NA	Solid	5035	
890-1563-9	SP SW #3	Total/NA	Solid	5035	
890-1563-10	SP SW #4	Total/NA	Solid	5035	
890-1563-11	P224	Total/NA	Solid	5035	
890-1563-12	P223	Total/NA	Solid	5035	
890-1563-13	P269	Total/NA	Solid	5035	
890-1563-14	P268	Total/NA	Solid	5035	
890-1563-15	P267	Total/NA	Solid	5035	
890-1563-16	P266	Total/NA	Solid	5035	
890-1563-17	P265	Total/NA	Solid	5035	
890-1563-18	P264	Total/NA	Solid	5035	
890-1563-19	P263	Total/NA	Solid	5035	
890-1563-20	P262	Total/NA	Solid	5035	
MB 880-12016/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-12016/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-12016/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1563-1 MS	P235	Total/NA	Solid	5035	
890-1563-1 MSD	P235	Total/NA	Solid	5035	

Prep Batch: 12017

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1563-21	P261	Total/NA	Solid	5035	
890-1563-22	SP SW #5	Total/NA	Solid	5035	
890-1563-23	SP SW #6	Total/NA	Solid	5035	
890-1563-24	P258	Total/NA	Solid	5035	
890-1563-25	P257	Total/NA	Solid	5035	
890-1563-26	P256	Total/NA	Solid	5035	
890-1563-27	P255	Total/NA	Solid	5035	
890-1563-28	P254	Total/NA	Solid	5035	
890-1563-29	P253	Total/NA	Solid	5035	
890-1563-30	P252	Total/NA	Solid	5035	
890-1563-31	P251	Total/NA	Solid	5035	
890-1563-32	P250	Total/NA	Solid	5035	
890-1563-33	P249	Total/NA	Solid	5035	
890-1563-34	P248	Total/NA	Solid	5035	
890-1563-35	P247	Total/NA	Solid	5035	
890-1563-36	P246	Total/NA	Solid	5035	
890-1563-37	P212	Total/NA	Solid	5035	
890-1563-38	P213	Total/NA	Solid	5035	
890-1563-39	P178	Total/NA	Solid	5035	
890-1563-40	P179	Total/NA	Solid	5035	
MB 880-12017/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-12017/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-12017/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

GC VOA (Continued)

Prep Batch: 12017 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1563-21 MS	P261	Total/NA	Solid	5035	
890-1563-21 MSD	P261	Total/NA	Solid	5035	

Prep Batch: 12018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1563-41	P145	Total/NA	Solid	5035	
890-1563-42	P144	Total/NA	Solid	5035	
890-1563-43	P110	Total/NA	Solid	5035	
890-1563-44	P111	Total/NA	Solid	5035	
890-1563-45	P112	Total/NA	Solid	5035	
890-1563-46	P113	Total/NA	Solid	5035	
890-1563-47	P245	Total/NA	Solid	5035	
890-1563-48	P244	Total/NA	Solid	5035	
890-1563-49	P243	Total/NA	Solid	5035	
890-1563-50	P242	Total/NA	Solid	5035	
890-1563-51	P240	Total/NA	Solid	5035	
890-1563-52	P239	Total/NA	Solid	5035	
890-1563-53	P205	Total/NA	Solid	5035	
890-1563-54	P206	Total/NA	Solid	5035	
890-1563-55	P207	Total/NA	Solid	5035	
890-1563-56	P208	Total/NA	Solid	5035	
890-1563-57	P209-P210	Total/NA	Solid	5035	
890-1563-58	P211	Total/NA	Solid	5035	
MB 880-12018/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-12018/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-12018/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 12125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1563-1	P235	Total/NA	Solid	8021B	12016
890-1563-2	P234	Total/NA	Solid	8021B	12016
890-1563-3	P233	Total/NA	Solid	8021B	12016
890-1563-4	P232	Total/NA	Solid	8021B	12016
890-1563-5	P231	Total/NA	Solid	8021B	12016
890-1563-6	P230	Total/NA	Solid	8021B	12016
890-1563-7	SP SW #1	Total/NA	Solid	8021B	12016
890-1563-8	SP SW #2	Total/NA	Solid	8021B	12016
890-1563-9	SP SW #3	Total/NA	Solid	8021B	12016
890-1563-10	SP SW #4	Total/NA	Solid	8021B	12016
890-1563-11	P224	Total/NA	Solid	8021B	12016
890-1563-12	P223	Total/NA	Solid	8021B	12016
890-1563-13	P269	Total/NA	Solid	8021B	12016
890-1563-14	P268	Total/NA	Solid	8021B	12016
890-1563-15	P267	Total/NA	Solid	8021B	12016
890-1563-16	P266	Total/NA	Solid	8021B	12016
890-1563-17	P265	Total/NA	Solid	8021B	12016
890-1563-18	P264	Total/NA	Solid	8021B	12016
890-1563-19	P263	Total/NA	Solid	8021B	12016
890-1563-20	P262	Total/NA	Solid	8021B	12016
890-1563-21	P261	Total/NA	Solid	8021B	12017
890-1563-22	SP SW #5	Total/NA	Solid	8021B	12017

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

GC VOA (Continued)

Analysis Batch: 12125 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1563-23	SP SW #6	Total/NA	Solid	8021B	12017
890-1563-24	P258	Total/NA	Solid	8021B	12017
890-1563-25	P257	Total/NA	Solid	8021B	12017
890-1563-26	P256	Total/NA	Solid	8021B	12017
890-1563-27	P255	Total/NA	Solid	8021B	12017
890-1563-28	P254	Total/NA	Solid	8021B	12017
890-1563-29	P253	Total/NA	Solid	8021B	12017
890-1563-30	P252	Total/NA	Solid	8021B	12017
890-1563-31	P251	Total/NA	Solid	8021B	12017
890-1563-32	P250	Total/NA	Solid	8021B	12017
890-1563-33	P249	Total/NA	Solid	8021B	12017
890-1563-34	P248	Total/NA	Solid	8021B	12017
890-1563-35	P247	Total/NA	Solid	8021B	12017
890-1563-36	P246	Total/NA	Solid	8021B	12017
890-1563-37	P212	Total/NA	Solid	8021B	12017
890-1563-38	P213	Total/NA	Solid	8021B	12017
890-1563-39	P178	Total/NA	Solid	8021B	12017
890-1563-40	P179	Total/NA	Solid	8021B	12017
890-1563-41	P145	Total/NA	Solid	8021B	12018
890-1563-42	P144	Total/NA	Solid	8021B	12018
890-1563-43	P110	Total/NA	Solid	8021B	12018
890-1563-44	P111	Total/NA	Solid	8021B	12018
890-1563-45	P112	Total/NA	Solid	8021B	12018
890-1563-46	P113	Total/NA	Solid	8021B	12018
890-1563-47	P245	Total/NA	Solid	8021B	12018
890-1563-48	P244	Total/NA	Solid	8021B	12018
890-1563-49	P243	Total/NA	Solid	8021B	12018
890-1563-50	P242	Total/NA	Solid	8021B	12018
890-1563-51	P240	Total/NA	Solid	8021B	12018
890-1563-52	P239	Total/NA	Solid	8021B	12018
890-1563-53	P205	Total/NA	Solid	8021B	12018
890-1563-54	P206	Total/NA	Solid	8021B	12018
890-1563-55	P207	Total/NA	Solid	8021B	12018
890-1563-56	P208	Total/NA	Solid	8021B	12018
890-1563-57	P209-P210	Total/NA	Solid	8021B	12018
890-1563-58	P211	Total/NA	Solid	8021B	12018
MB 880-12016/5-A	Method Blank	Total/NA	Solid	8021B	12016
MB 880-12017/5-A	Method Blank	Total/NA	Solid	8021B	12017
MB 880-12018/5-A	Method Blank	Total/NA	Solid	8021B	12018
LCS 880-12016/1-A	Lab Control Sample	Total/NA	Solid	8021B	12016
LCS 880-12017/1-A	Lab Control Sample	Total/NA	Solid	8021B	12017
LCS 880-12018/1-A	Lab Control Sample	Total/NA	Solid	8021B	12018
LCSD 880-12016/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	12016
LCSD 880-12017/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	12017
LCSD 880-12018/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	12018
890-1563-1 MS	P235	Total/NA	Solid	8021B	12016
890-1563-1 MSD	P235	Total/NA	Solid	8021B	12016
890-1563-21 MS	P261	Total/NA	Solid	8021B	12017
890-1563-21 MSD	P261	Total/NA	Solid	8021B	12017

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

GC VOA

Prep Batch: 12208

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1563-16	P266	Total/NA	Solid	5035	
890-1563-17	P265	Total/NA	Solid	5035	
890-1563-18	P264	Total/NA	Solid	5035	
890-1563-19	P263	Total/NA	Solid	5035	
890-1563-23	SP SW #6	Total/NA	Solid	5035	
890-1563-24	P258	Total/NA	Solid	5035	
890-1563-27	P255	Total/NA	Solid	5035	
890-1563-28	P254	Total/NA	Solid	5035	
890-1563-30	P252	Total/NA	Solid	5035	
MB 880-12208/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-12208/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-12208/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1571-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 12216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1563-16	P266	Total/NA	Solid	8021B	12208
890-1563-17	P265	Total/NA	Solid	8021B	12208
890-1563-18	P264	Total/NA	Solid	8021B	12208
890-1563-19	P263	Total/NA	Solid	8021B	12208
890-1563-23	SP SW #6	Total/NA	Solid	8021B	12208
890-1563-24	P258	Total/NA	Solid	8021B	12208
890-1563-27	P255	Total/NA	Solid	8021B	12208
890-1563-28	P254	Total/NA	Solid	8021B	12208
890-1563-30	P252	Total/NA	Solid	8021B	12208
MB 880-12208/5-A	Method Blank	Total/NA	Solid	8021B	12208
LCS 880-12208/1-A	Lab Control Sample	Total/NA	Solid	8021B	12208
LCSD 880-12208/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	12208
890-1571-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	
890-1571-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	12208

Analysis Batch: 12338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1563-1	P235	Total/NA	Solid	Total BTEX	
890-1563-2	P234	Total/NA	Solid	Total BTEX	
890-1563-3	P233	Total/NA	Solid	Total BTEX	
890-1563-4	P232	Total/NA	Solid	Total BTEX	
890-1563-5	P231	Total/NA	Solid	Total BTEX	
890-1563-6	P230	Total/NA	Solid	Total BTEX	
890-1563-7	SP SW #1	Total/NA	Solid	Total BTEX	
890-1563-8	SP SW #2	Total/NA	Solid	Total BTEX	
890-1563-9	SP SW #3	Total/NA	Solid	Total BTEX	
890-1563-10	SP SW #4	Total/NA	Solid	Total BTEX	
890-1563-11	P224	Total/NA	Solid	Total BTEX	
890-1563-12	P223	Total/NA	Solid	Total BTEX	
890-1563-13	P269	Total/NA	Solid	Total BTEX	
890-1563-14	P268	Total/NA	Solid	Total BTEX	
890-1563-15	P267	Total/NA	Solid	Total BTEX	
890-1563-16	P266	Total/NA	Solid	Total BTEX	
890-1563-17	P265	Total/NA	Solid	Total BTEX	
890-1563-18	P264	Total/NA	Solid	Total BTEX	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

GC VOA (Continued)

Analysis Batch: 12338 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1563-19	P263	Total/NA	Solid	Total BTEX	
890-1563-20	P262	Total/NA	Solid	Total BTEX	
890-1563-21	P261	Total/NA	Solid	Total BTEX	
890-1563-22	SP SW #5	Total/NA	Solid	Total BTEX	
890-1563-23	SP SW #6	Total/NA	Solid	Total BTEX	
890-1563-24	P258	Total/NA	Solid	Total BTEX	
890-1563-25	P257	Total/NA	Solid	Total BTEX	
890-1563-26	P256	Total/NA	Solid	Total BTEX	
890-1563-27	P255	Total/NA	Solid	Total BTEX	
890-1563-28	P254	Total/NA	Solid	Total BTEX	
890-1563-29	P253	Total/NA	Solid	Total BTEX	
890-1563-30	P252	Total/NA	Solid	Total BTEX	
890-1563-31	P251	Total/NA	Solid	Total BTEX	
890-1563-32	P250	Total/NA	Solid	Total BTEX	
890-1563-33	P249	Total/NA	Solid	Total BTEX	
890-1563-34	P248	Total/NA	Solid	Total BTEX	
890-1563-35	P247	Total/NA	Solid	Total BTEX	
890-1563-36	P246	Total/NA	Solid	Total BTEX	
890-1563-37	P212	Total/NA	Solid	Total BTEX	
890-1563-38	P213	Total/NA	Solid	Total BTEX	
890-1563-39	P178	Total/NA	Solid	Total BTEX	
890-1563-40	P179	Total/NA	Solid	Total BTEX	
890-1563-41	P145	Total/NA	Solid	Total BTEX	
890-1563-42	P144	Total/NA	Solid	Total BTEX	
890-1563-43	P110	Total/NA	Solid	Total BTEX	
890-1563-44	P111	Total/NA	Solid	Total BTEX	
890-1563-45	P112	Total/NA	Solid	Total BTEX	
890-1563-46	P113	Total/NA	Solid	Total BTEX	
890-1563-47	P245	Total/NA	Solid	Total BTEX	
890-1563-48	P244	Total/NA	Solid	Total BTEX	
890-1563-49	P243	Total/NA	Solid	Total BTEX	
890-1563-50	P242	Total/NA	Solid	Total BTEX	
890-1563-51	P240	Total/NA	Solid	Total BTEX	
890-1563-52	P239	Total/NA	Solid	Total BTEX	
890-1563-53	P205	Total/NA	Solid	Total BTEX	
890-1563-54	P206	Total/NA	Solid	Total BTEX	
890-1563-55	P207	Total/NA	Solid	Total BTEX	
890-1563-56	P208	Total/NA	Solid	Total BTEX	
890-1563-57	P209-P210	Total/NA	Solid	Total BTEX	
890-1563-58	P211	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 12084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1563-1	P235	Total/NA	Solid	8015B NM	12105
890-1563-2	P234	Total/NA	Solid	8015B NM	12105
890-1563-3	P233	Total/NA	Solid	8015B NM	12105
890-1563-4	P232	Total/NA	Solid	8015B NM	12105
890-1563-5	P231	Total/NA	Solid	8015B NM	12105
890-1563-6	P230	Total/NA	Solid	8015B NM	12105

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

GC Semi VOA (Continued)

Analysis Batch: 12084 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1563-7	SP SW #1	Total/NA	Solid	8015B NM	12105
890-1563-8	SP SW #2	Total/NA	Solid	8015B NM	12105
890-1563-9	SP SW #3	Total/NA	Solid	8015B NM	12105
890-1563-10	SP SW #4	Total/NA	Solid	8015B NM	12105
890-1563-11	P224	Total/NA	Solid	8015B NM	12105
890-1563-12	P223	Total/NA	Solid	8015B NM	12105
890-1563-13	P269	Total/NA	Solid	8015B NM	12105
890-1563-14	P268	Total/NA	Solid	8015B NM	12105
890-1563-15	P267	Total/NA	Solid	8015B NM	12105
890-1563-16	P266	Total/NA	Solid	8015B NM	12105
890-1563-17	P265	Total/NA	Solid	8015B NM	12105
890-1563-18	P264	Total/NA	Solid	8015B NM	12105
890-1563-19	P263	Total/NA	Solid	8015B NM	12105
MB 880-12105/1-A	Method Blank	Total/NA	Solid	8015B NM	12105
LCS 880-12105/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	12105
LCSD 880-12105/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	12105
890-1562-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	12105
890-1562-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	12105

Analysis Batch: 12086

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1563-21	P261	Total/NA	Solid	8015B NM	12116
890-1563-22	SP SW #5	Total/NA	Solid	8015B NM	12116
890-1563-23	SP SW #6	Total/NA	Solid	8015B NM	12116
890-1563-24	P258	Total/NA	Solid	8015B NM	12116
890-1563-25	P257	Total/NA	Solid	8015B NM	12116
890-1563-26	P256	Total/NA	Solid	8015B NM	12116
890-1563-27	P255	Total/NA	Solid	8015B NM	12116
890-1563-28	P254	Total/NA	Solid	8015B NM	12116
890-1563-29	P253	Total/NA	Solid	8015B NM	12116
890-1563-30	P252	Total/NA	Solid	8015B NM	12116
890-1563-31	P251	Total/NA	Solid	8015B NM	12116
890-1563-32	P250	Total/NA	Solid	8015B NM	12116
890-1563-33	P249	Total/NA	Solid	8015B NM	12116
890-1563-34	P248	Total/NA	Solid	8015B NM	12116
890-1563-35	P247	Total/NA	Solid	8015B NM	12116
890-1563-36	P246	Total/NA	Solid	8015B NM	12116
890-1563-37	P212	Total/NA	Solid	8015B NM	12116
890-1563-38	P213	Total/NA	Solid	8015B NM	12116
890-1563-39	P178	Total/NA	Solid	8015B NM	12116
890-1563-40	P179	Total/NA	Solid	8015B NM	12116
MB 880-12116/1-A	Method Blank	Total/NA	Solid	8015B NM	12116
LCS 880-12116/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	12116
LCSD 880-12116/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	12116
890-1563-39 MS	P178	Total/NA	Solid	8015B NM	12116
890-1563-39 MSD	P178	Total/NA	Solid	8015B NM	12116

Analysis Batch: 12088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1563-20	P262	Total/NA	Solid	8015B NM	12101
890-1563-52	P239	Total/NA	Solid	8015B NM	12101

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

GC Semi VOA (Continued)

Analysis Batch: 12088 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1563-53	P205	Total/NA	Solid	8015B NM	12101
890-1563-54	P206	Total/NA	Solid	8015B NM	12101
890-1563-55	P207	Total/NA	Solid	8015B NM	12101
890-1563-56	P208	Total/NA	Solid	8015B NM	12101
890-1563-57	P209-P210	Total/NA	Solid	8015B NM	12101
890-1563-58	P211	Total/NA	Solid	8015B NM	12101
MB 880-12101/1-A	Method Blank	Total/NA	Solid	8015B NM	12101
LCS 880-12101/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	12101
LCSD 880-12101/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	12101
890-1561-A-21-E MS	Matrix Spike	Total/NA	Solid	8015B NM	12101
890-1561-A-21-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	12101

Prep Batch: 12101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1563-20	P262	Total/NA	Solid	8015NM Prep	
890-1563-52	P239	Total/NA	Solid	8015NM Prep	
890-1563-53	P205	Total/NA	Solid	8015NM Prep	
890-1563-54	P206	Total/NA	Solid	8015NM Prep	
890-1563-55	P207	Total/NA	Solid	8015NM Prep	
890-1563-56	P208	Total/NA	Solid	8015NM Prep	
890-1563-57	P209-P210	Total/NA	Solid	8015NM Prep	
890-1563-58	P211	Total/NA	Solid	8015NM Prep	
MB 880-12101/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-12101/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-12101/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1561-A-21-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-1561-A-21-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 12105

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1563-1	P235	Total/NA	Solid	8015NM Prep	
890-1563-2	P234	Total/NA	Solid	8015NM Prep	
890-1563-3	P233	Total/NA	Solid	8015NM Prep	
890-1563-4	P232	Total/NA	Solid	8015NM Prep	
890-1563-5	P231	Total/NA	Solid	8015NM Prep	
890-1563-6	P230	Total/NA	Solid	8015NM Prep	
890-1563-7	SP SW #1	Total/NA	Solid	8015NM Prep	
890-1563-8	SP SW #2	Total/NA	Solid	8015NM Prep	
890-1563-9	SP SW #3	Total/NA	Solid	8015NM Prep	
890-1563-10	SP SW #4	Total/NA	Solid	8015NM Prep	
890-1563-11	P224	Total/NA	Solid	8015NM Prep	
890-1563-12	P223	Total/NA	Solid	8015NM Prep	
890-1563-13	P269	Total/NA	Solid	8015NM Prep	
890-1563-14	P268	Total/NA	Solid	8015NM Prep	
890-1563-15	P267	Total/NA	Solid	8015NM Prep	
890-1563-16	P266	Total/NA	Solid	8015NM Prep	
890-1563-17	P265	Total/NA	Solid	8015NM Prep	
890-1563-18	P264	Total/NA	Solid	8015NM Prep	
890-1563-19	P263	Total/NA	Solid	8015NM Prep	
MB 880-12105/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-12105/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

GC Semi VOA (Continued)

Prep Batch: 12105 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-12105/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1562-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-1562-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 12116

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1563-21	P261	Total/NA	Solid	8015NM Prep	
890-1563-22	SP SW #5	Total/NA	Solid	8015NM Prep	
890-1563-23	SP SW #6	Total/NA	Solid	8015NM Prep	
890-1563-24	P258	Total/NA	Solid	8015NM Prep	
890-1563-25	P257	Total/NA	Solid	8015NM Prep	
890-1563-26	P256	Total/NA	Solid	8015NM Prep	
890-1563-27	P255	Total/NA	Solid	8015NM Prep	
890-1563-28	P254	Total/NA	Solid	8015NM Prep	
890-1563-29	P253	Total/NA	Solid	8015NM Prep	
890-1563-30	P252	Total/NA	Solid	8015NM Prep	
890-1563-31	P251	Total/NA	Solid	8015NM Prep	
890-1563-32	P250	Total/NA	Solid	8015NM Prep	
890-1563-33	P249	Total/NA	Solid	8015NM Prep	
890-1563-34	P248	Total/NA	Solid	8015NM Prep	
890-1563-35	P247	Total/NA	Solid	8015NM Prep	
890-1563-36	P246	Total/NA	Solid	8015NM Prep	
890-1563-37	P212	Total/NA	Solid	8015NM Prep	
890-1563-38	P213	Total/NA	Solid	8015NM Prep	
890-1563-39	P178	Total/NA	Solid	8015NM Prep	
890-1563-40	P179	Total/NA	Solid	8015NM Prep	
MB 880-12116/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-12116/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-12116/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1563-39 MS	P178	Total/NA	Solid	8015NM Prep	
890-1563-39 MSD	P178	Total/NA	Solid	8015NM Prep	

Prep Batch: 12161

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1563-41	P145	Total/NA	Solid	8015NM Prep	
890-1563-42	P144	Total/NA	Solid	8015NM Prep	
890-1563-43	P110	Total/NA	Solid	8015NM Prep	
890-1563-44	P111	Total/NA	Solid	8015NM Prep	
890-1563-45	P112	Total/NA	Solid	8015NM Prep	
890-1563-46	P113	Total/NA	Solid	8015NM Prep	
890-1563-47	P245	Total/NA	Solid	8015NM Prep	
890-1563-48	P244	Total/NA	Solid	8015NM Prep	
890-1563-49	P243	Total/NA	Solid	8015NM Prep	
890-1563-50	P242	Total/NA	Solid	8015NM Prep	
890-1563-51	P240	Total/NA	Solid	8015NM Prep	
MB 880-12161/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-12161/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-12161/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1563-48 MS	P244	Total/NA	Solid	8015NM Prep	
890-1563-48 MSD	P244	Total/NA	Solid	8015NM Prep	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

GC Semi VOA

Analysis Batch: 12189

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1563-41	P145	Total/NA	Solid	8015B NM	12161
890-1563-42	P144	Total/NA	Solid	8015B NM	12161
890-1563-43	P110	Total/NA	Solid	8015B NM	12161
890-1563-44	P111	Total/NA	Solid	8015B NM	12161
890-1563-45	P112	Total/NA	Solid	8015B NM	12161
890-1563-46	P113	Total/NA	Solid	8015B NM	12161
890-1563-47	P245	Total/NA	Solid	8015B NM	12161
890-1563-48	P244	Total/NA	Solid	8015B NM	12161
890-1563-49	P243	Total/NA	Solid	8015B NM	12161
890-1563-50	P242	Total/NA	Solid	8015B NM	12161
890-1563-51	P240	Total/NA	Solid	8015B NM	12161
MB 880-12161/1-A	Method Blank	Total/NA	Solid	8015B NM	12161
LCS 880-12161/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	12161
LCSD 880-12161/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	12161
890-1563-48 MS	P244	Total/NA	Solid	8015B NM	12161
890-1563-48 MSD	P244	Total/NA	Solid	8015B NM	12161

Analysis Batch: 12429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1563-1	P235	Total/NA	Solid	8015 NM	
890-1563-2	P234	Total/NA	Solid	8015 NM	
890-1563-3	P233	Total/NA	Solid	8015 NM	
890-1563-4	P232	Total/NA	Solid	8015 NM	
890-1563-5	P231	Total/NA	Solid	8015 NM	
890-1563-6	P230	Total/NA	Solid	8015 NM	
890-1563-7	SP SW #1	Total/NA	Solid	8015 NM	
890-1563-8	SP SW #2	Total/NA	Solid	8015 NM	
890-1563-9	SP SW #3	Total/NA	Solid	8015 NM	
890-1563-10	SP SW #4	Total/NA	Solid	8015 NM	
890-1563-11	P224	Total/NA	Solid	8015 NM	
890-1563-12	P223	Total/NA	Solid	8015 NM	
890-1563-13	P269	Total/NA	Solid	8015 NM	
890-1563-14	P268	Total/NA	Solid	8015 NM	
890-1563-15	P267	Total/NA	Solid	8015 NM	
890-1563-16	P266	Total/NA	Solid	8015 NM	
890-1563-17	P265	Total/NA	Solid	8015 NM	
890-1563-18	P264	Total/NA	Solid	8015 NM	
890-1563-19	P263	Total/NA	Solid	8015 NM	
890-1563-20	P262	Total/NA	Solid	8015 NM	
890-1563-21	P261	Total/NA	Solid	8015 NM	
890-1563-22	SP SW #5	Total/NA	Solid	8015 NM	
890-1563-23	SP SW #6	Total/NA	Solid	8015 NM	
890-1563-24	P258	Total/NA	Solid	8015 NM	
890-1563-25	P257	Total/NA	Solid	8015 NM	
890-1563-26	P256	Total/NA	Solid	8015 NM	
890-1563-27	P255	Total/NA	Solid	8015 NM	
890-1563-28	P254	Total/NA	Solid	8015 NM	
890-1563-29	P253	Total/NA	Solid	8015 NM	
890-1563-30	P252	Total/NA	Solid	8015 NM	
890-1563-31	P251	Total/NA	Solid	8015 NM	
890-1563-32	P250	Total/NA	Solid	8015 NM	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

GC Semi VOA (Continued)

Analysis Batch: 12429 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1563-33	P249	Total/NA	Solid	8015 NM	
890-1563-34	P248	Total/NA	Solid	8015 NM	
890-1563-35	P247	Total/NA	Solid	8015 NM	
890-1563-36	P246	Total/NA	Solid	8015 NM	
890-1563-37	P212	Total/NA	Solid	8015 NM	
890-1563-38	P213	Total/NA	Solid	8015 NM	
890-1563-39	P178	Total/NA	Solid	8015 NM	
890-1563-40	P179	Total/NA	Solid	8015 NM	
890-1563-41	P145	Total/NA	Solid	8015 NM	
890-1563-42	P144	Total/NA	Solid	8015 NM	
890-1563-43	P110	Total/NA	Solid	8015 NM	
890-1563-44	P111	Total/NA	Solid	8015 NM	
890-1563-45	P112	Total/NA	Solid	8015 NM	
890-1563-46	P113	Total/NA	Solid	8015 NM	
890-1563-47	P245	Total/NA	Solid	8015 NM	
890-1563-48	P244	Total/NA	Solid	8015 NM	
890-1563-49	P243	Total/NA	Solid	8015 NM	
890-1563-50	P242	Total/NA	Solid	8015 NM	
890-1563-51	P240	Total/NA	Solid	8015 NM	
890-1563-52	P239	Total/NA	Solid	8015 NM	
890-1563-53	P205	Total/NA	Solid	8015 NM	
890-1563-54	P206	Total/NA	Solid	8015 NM	
890-1563-55	P207	Total/NA	Solid	8015 NM	
890-1563-56	P208	Total/NA	Solid	8015 NM	
890-1563-57	P209-P210	Total/NA	Solid	8015 NM	
890-1563-58	P211	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 12131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1563-1	P235	Soluble	Solid	DI Leach	
890-1563-2	P234	Soluble	Solid	DI Leach	
890-1563-3	P233	Soluble	Solid	DI Leach	
MB 880-12131/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-12131/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-12131/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1549-A-31-K MS	Matrix Spike	Soluble	Solid	DI Leach	
890-1549-A-31-L MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 12132

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1563-4	P232	Soluble	Solid	DI Leach	
890-1563-5	P231	Soluble	Solid	DI Leach	
890-1563-6	P230	Soluble	Solid	DI Leach	
890-1563-7	SP SW #1	Soluble	Solid	DI Leach	
890-1563-8	SP SW #2	Soluble	Solid	DI Leach	
890-1563-9	SP SW #3	Soluble	Solid	DI Leach	
890-1563-10	SP SW #4	Soluble	Solid	DI Leach	
890-1563-11	P224	Soluble	Solid	DI Leach	
890-1563-12	P223	Soluble	Solid	DI Leach	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

HPLC/IC (Continued)

Leach Batch: 12132 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1563-13	P269	Soluble	Solid	DI Leach	
890-1563-14	P268	Soluble	Solid	DI Leach	
890-1563-15	P267	Soluble	Solid	DI Leach	
890-1563-16	P266	Soluble	Solid	DI Leach	
890-1563-17	P265	Soluble	Solid	DI Leach	
890-1563-18	P264	Soluble	Solid	DI Leach	
890-1563-19	P263	Soluble	Solid	DI Leach	
890-1563-20	P262	Soluble	Solid	DI Leach	
890-1563-21	P261	Soluble	Solid	DI Leach	
890-1563-22	SP SW #5	Soluble	Solid	DI Leach	
890-1563-23	SP SW #6	Soluble	Solid	DI Leach	
MB 880-12132/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-12132/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-12132/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1563-4 MS	P232	Soluble	Solid	DI Leach	
890-1563-4 MSD	P232	Soluble	Solid	DI Leach	
890-1563-14 MS	P268	Soluble	Solid	DI Leach	
890-1563-14 MSD	P268	Soluble	Solid	DI Leach	

Leach Batch: 12133

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1563-24	P258	Soluble	Solid	DI Leach	
890-1563-25	P257	Soluble	Solid	DI Leach	
890-1563-26	P256	Soluble	Solid	DI Leach	
890-1563-27	P255	Soluble	Solid	DI Leach	
890-1563-28	P254	Soluble	Solid	DI Leach	
890-1563-29	P253	Soluble	Solid	DI Leach	
890-1563-30	P252	Soluble	Solid	DI Leach	
890-1563-31	P251	Soluble	Solid	DI Leach	
890-1563-32	P250	Soluble	Solid	DI Leach	
890-1563-33	P249	Soluble	Solid	DI Leach	
890-1563-34	P248	Soluble	Solid	DI Leach	
890-1563-35	P247	Soluble	Solid	DI Leach	
890-1563-36	P246	Soluble	Solid	DI Leach	
890-1563-37	P212	Soluble	Solid	DI Leach	
890-1563-38	P213	Soluble	Solid	DI Leach	
890-1563-39	P178	Soluble	Solid	DI Leach	
890-1563-40	P179	Soluble	Solid	DI Leach	
890-1563-41	P145	Soluble	Solid	DI Leach	
890-1563-42	P144	Soluble	Solid	DI Leach	
890-1563-43	P110	Soluble	Solid	DI Leach	
MB 880-12133/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-12133/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-12133/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1563-24 MS	P258	Soluble	Solid	DI Leach	
890-1563-24 MSD	P258	Soluble	Solid	DI Leach	
890-1563-34 MS	P248	Soluble	Solid	DI Leach	
890-1563-34 MSD	P248	Soluble	Solid	DI Leach	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

HPLC/IC

Leach Batch: 12134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1563-44	P111	Soluble	Solid	DI Leach	
890-1563-45	P112	Soluble	Solid	DI Leach	
890-1563-46	P113	Soluble	Solid	DI Leach	
890-1563-47	P245	Soluble	Solid	DI Leach	
890-1563-48	P244	Soluble	Solid	DI Leach	
890-1563-49	P243	Soluble	Solid	DI Leach	
890-1563-50	P242	Soluble	Solid	DI Leach	
890-1563-51	P240	Soluble	Solid	DI Leach	
890-1563-52	P239	Soluble	Solid	DI Leach	
890-1563-53	P205	Soluble	Solid	DI Leach	
890-1563-54	P206	Soluble	Solid	DI Leach	
890-1563-55	P207	Soluble	Solid	DI Leach	
890-1563-56	P208	Soluble	Solid	DI Leach	
890-1563-57	P209-P210	Soluble	Solid	DI Leach	
890-1563-58	P211	Soluble	Solid	DI Leach	
MB 880-12134/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-12134/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-12134/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1563-49 MS	P243	Soluble	Solid	DI Leach	
890-1563-49 MSD	P243	Soluble	Solid	DI Leach	

Analysis Batch: 12202

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1563-1	P235	Soluble	Solid	300.0	12131
890-1563-2	P234	Soluble	Solid	300.0	12131
890-1563-3	P233	Soluble	Solid	300.0	12131
MB 880-12131/1-A	Method Blank	Soluble	Solid	300.0	12131
LCS 880-12131/2-A	Lab Control Sample	Soluble	Solid	300.0	12131
LCSD 880-12131/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	12131
890-1549-A-31-K MS	Matrix Spike	Soluble	Solid	300.0	12131
890-1549-A-31-L MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	12131

Analysis Batch: 12203

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1563-4	P232	Soluble	Solid	300.0	12132
890-1563-5	P231	Soluble	Solid	300.0	12132
890-1563-6	P230	Soluble	Solid	300.0	12132
890-1563-7	SP SW #1	Soluble	Solid	300.0	12132
890-1563-8	SP SW #2	Soluble	Solid	300.0	12132
890-1563-9	SP SW #3	Soluble	Solid	300.0	12132
890-1563-10	SP SW #4	Soluble	Solid	300.0	12132
890-1563-11	P224	Soluble	Solid	300.0	12132
890-1563-12	P223	Soluble	Solid	300.0	12132
890-1563-13	P269	Soluble	Solid	300.0	12132
890-1563-14	P268	Soluble	Solid	300.0	12132
890-1563-15	P267	Soluble	Solid	300.0	12132
890-1563-16	P266	Soluble	Solid	300.0	12132
890-1563-17	P265	Soluble	Solid	300.0	12132
890-1563-18	P264	Soluble	Solid	300.0	12132
890-1563-19	P263	Soluble	Solid	300.0	12132
890-1563-20	P262	Soluble	Solid	300.0	12132

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

HPLC/IC (Continued)

Analysis Batch: 12203 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1563-21	P261	Soluble	Solid	300.0	12132
890-1563-22	SP SW #5	Soluble	Solid	300.0	12132
890-1563-23	SP SW #6	Soluble	Solid	300.0	12132
MB 880-12132/1-A	Method Blank	Soluble	Solid	300.0	12132
LCS 880-12132/2-A	Lab Control Sample	Soluble	Solid	300.0	12132
LCSD 880-12132/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	12132
890-1563-4 MS	P232	Soluble	Solid	300.0	12132
890-1563-4 MSD	P232	Soluble	Solid	300.0	12132
890-1563-14 MS	P268	Soluble	Solid	300.0	12132
890-1563-14 MSD	P268	Soluble	Solid	300.0	12132

Analysis Batch: 12204

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1563-24	P258	Soluble	Solid	300.0	12133
890-1563-25	P257	Soluble	Solid	300.0	12133
890-1563-26	P256	Soluble	Solid	300.0	12133
890-1563-27	P255	Soluble	Solid	300.0	12133
890-1563-28	P254	Soluble	Solid	300.0	12133
890-1563-29	P253	Soluble	Solid	300.0	12133
890-1563-30	P252	Soluble	Solid	300.0	12133
890-1563-31	P251	Soluble	Solid	300.0	12133
890-1563-32	P250	Soluble	Solid	300.0	12133
890-1563-33	P249	Soluble	Solid	300.0	12133
890-1563-34	P248	Soluble	Solid	300.0	12133
890-1563-35	P247	Soluble	Solid	300.0	12133
890-1563-36	P246	Soluble	Solid	300.0	12133
890-1563-37	P212	Soluble	Solid	300.0	12133
890-1563-38	P213	Soluble	Solid	300.0	12133
890-1563-39	P178	Soluble	Solid	300.0	12133
890-1563-40	P179	Soluble	Solid	300.0	12133
890-1563-41	P145	Soluble	Solid	300.0	12133
890-1563-42	P144	Soluble	Solid	300.0	12133
890-1563-43	P110	Soluble	Solid	300.0	12133
MB 880-12133/1-A	Method Blank	Soluble	Solid	300.0	12133
LCS 880-12133/2-A	Lab Control Sample	Soluble	Solid	300.0	12133
LCSD 880-12133/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	12133
890-1563-24 MS	P258	Soluble	Solid	300.0	12133
890-1563-24 MSD	P258	Soluble	Solid	300.0	12133
890-1563-34 MS	P248	Soluble	Solid	300.0	12133
890-1563-34 MSD	P248	Soluble	Solid	300.0	12133

Analysis Batch: 12209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1563-44	P111	Soluble	Solid	300.0	12134
890-1563-45	P112	Soluble	Solid	300.0	12134
890-1563-46	P113	Soluble	Solid	300.0	12134
890-1563-47	P245	Soluble	Solid	300.0	12134
890-1563-48	P244	Soluble	Solid	300.0	12134
890-1563-49	P243	Soluble	Solid	300.0	12134
890-1563-50	P242	Soluble	Solid	300.0	12134
890-1563-51	P240	Soluble	Solid	300.0	12134

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

HPLC/IC (Continued)

Analysis Batch: 12209 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1563-52	P239	Soluble	Solid	300.0	12134
890-1563-53	P205	Soluble	Solid	300.0	12134
890-1563-54	P206	Soluble	Solid	300.0	12134
890-1563-55	P207	Soluble	Solid	300.0	12134
890-1563-56	P208	Soluble	Solid	300.0	12134
890-1563-57	P209-P210	Soluble	Solid	300.0	12134
890-1563-58	P211	Soluble	Solid	300.0	12134
MB 880-12134/1-A	Method Blank	Soluble	Solid	300.0	12134
LCS 880-12134/2-A	Lab Control Sample	Soluble	Solid	300.0	12134
LCSD 880-12134/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	12134
890-1563-49 MS	P243	Soluble	Solid	300.0	12134
890-1563-49 MSD	P243	Soluble	Solid	300.0	12134

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P235

Lab Sample ID: 890-1563-1

Date Collected: 11/10/21 07:00

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	12016	11/11/21 12:27	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/12/21 18:00	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	12105	11/12/21 09:17	DM	XEN MID
Total/NA	Analysis	8015B NM		10			12084	11/12/21 23:14	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	12131	11/12/21 12:34	CH	XEN MID
Soluble	Analysis	300.0		1			12202	11/14/21 13:30	CH	XEN MID

Client Sample ID: P234

Lab Sample ID: 890-1563-2

Date Collected: 11/10/21 07:05

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	12016	11/11/21 12:27	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/12/21 18:21	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	12105	11/12/21 09:17	DM	XEN MID
Total/NA	Analysis	8015B NM		10			12084	11/12/21 23:36	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	12131	11/12/21 12:34	CH	XEN MID
Soluble	Analysis	300.0		1			12202	11/14/21 13:35	CH	XEN MID

Client Sample ID: P233

Lab Sample ID: 890-1563-3

Date Collected: 11/10/21 07:10

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	12016	11/11/21 12:27	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/12/21 18:41	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	12105	11/12/21 09:17	DM	XEN MID
Total/NA	Analysis	8015B NM		10			12084	11/12/21 23:57	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	12131	11/12/21 12:34	CH	XEN MID
Soluble	Analysis	300.0		1			12202	11/14/21 13:40	CH	XEN MID

Client Sample ID: P232

Lab Sample ID: 890-1563-4

Date Collected: 11/10/21 07:15

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	12016	11/11/21 12:27	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/12/21 19:02	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P232

Lab Sample ID: 890-1563-4

Date Collected: 11/10/21 07:15

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	12105	11/12/21 09:17	DM	XEN MID
Total/NA	Analysis	8015B NM		10			12084	11/13/21 00:19	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	12132	11/12/21 12:36	CH	XEN MID
Soluble	Analysis	300.0		1			12203	11/14/21 14:57	CH	XEN MID

Client Sample ID: P231

Lab Sample ID: 890-1563-5

Date Collected: 11/10/21 07:20

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	12016	11/11/21 12:27	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/12/21 19:22	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	12105	11/12/21 09:17	DM	XEN MID
Total/NA	Analysis	8015B NM		10			12084	11/13/21 00:40	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	12132	11/12/21 12:36	CH	XEN MID
Soluble	Analysis	300.0		1			12203	11/14/21 15:12	CH	XEN MID

Client Sample ID: P230

Lab Sample ID: 890-1563-6

Date Collected: 11/10/21 07:25

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	12016	11/11/21 12:27	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/12/21 19:42	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	12105	11/12/21 09:17	DM	XEN MID
Total/NA	Analysis	8015B NM		10			12084	11/13/21 01:02	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	12132	11/12/21 12:36	CH	XEN MID
Soluble	Analysis	300.0		1			12203	11/14/21 15:17	CH	XEN MID

Client Sample ID: SP SW #1

Lab Sample ID: 890-1563-7

Date Collected: 11/10/21 07:30

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	12016	11/11/21 12:27	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/12/21 20:03	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	12105	11/12/21 09:17	DM	XEN MID
Total/NA	Analysis	8015B NM		10			12084	11/13/21 01:26	AJ	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: SP SW #1

Lab Sample ID: 890-1563-7

Date Collected: 11/10/21 07:30

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	12132	11/12/21 12:36	CH	XEN MID
Soluble	Analysis	300.0		1			12203	11/14/21 15:22	CH	XEN MID

Client Sample ID: SP SW #2

Lab Sample ID: 890-1563-8

Date Collected: 11/10/21 07:35

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	12016	11/11/21 12:27	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/12/21 20:23	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	12105	11/12/21 09:17	DM	XEN MID
Total/NA	Analysis	8015B NM		5			12084	11/13/21 01:48	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	12132	11/12/21 12:36	CH	XEN MID
Soluble	Analysis	300.0		1			12203	11/14/21 15:27	CH	XEN MID

Client Sample ID: SP SW #3

Lab Sample ID: 890-1563-9

Date Collected: 11/10/21 07:40

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	12016	11/11/21 12:27	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/12/21 20:44	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	12105	11/12/21 09:17	DM	XEN MID
Total/NA	Analysis	8015B NM		5			12084	11/13/21 02:09	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	12132	11/12/21 12:36	CH	XEN MID
Soluble	Analysis	300.0		1			12203	11/14/21 15:41	CH	XEN MID

Client Sample ID: SP SW #4

Lab Sample ID: 890-1563-10

Date Collected: 11/10/21 07:50

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	12016	11/11/21 12:27	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/12/21 21:04	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	12105	11/12/21 09:17	DM	XEN MID
Total/NA	Analysis	8015B NM		5			12084	11/13/21 02:53	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	12132	11/12/21 12:36	CH	XEN MID
Soluble	Analysis	300.0		1			12203	11/14/21 15:46	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P224

Lab Sample ID: 890-1563-11

Date Collected: 11/10/21 07:55

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	12016	11/11/21 12:27	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/12/21 22:27	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	12105	11/12/21 09:17	DM	XEN MID
Total/NA	Analysis	8015B NM		5			12084	11/13/21 03:15	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	12132	11/12/21 12:36	CH	XEN MID
Soluble	Analysis	300.0		1			12203	11/14/21 15:51	CH	XEN MID

Client Sample ID: P223

Lab Sample ID: 890-1563-12

Date Collected: 11/10/21 08:00

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	12016	11/11/21 12:27	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/12/21 22:47	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	12105	11/12/21 09:17	DM	XEN MID
Total/NA	Analysis	8015B NM		5			12084	11/13/21 08:50	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	12132	11/12/21 12:36	CH	XEN MID
Soluble	Analysis	300.0		1			12203	11/14/21 15:56	CH	XEN MID

Client Sample ID: P269

Lab Sample ID: 890-1563-13

Date Collected: 11/10/21 08:15

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	12016	11/11/21 12:27	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/12/21 23:08	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	12105	11/12/21 09:17	DM	XEN MID
Total/NA	Analysis	8015B NM		10			12084	11/13/21 03:59	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	12132	11/12/21 12:36	CH	XEN MID
Soluble	Analysis	300.0		1			12203	11/14/21 16:01	CH	XEN MID

Client Sample ID: P268

Lab Sample ID: 890-1563-14

Date Collected: 11/10/21 08:20

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	12016	11/11/21 12:27	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/12/21 23:28	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P268

Lab Sample ID: 890-1563-14

Date Collected: 11/10/21 08:20

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	12105	11/12/21 09:17	DM	XEN MID
Total/NA	Analysis	8015B NM		10			12084	11/13/21 04:20	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	12132	11/12/21 12:36	CH	XEN MID
Soluble	Analysis	300.0		1			12203	11/14/21 16:06	CH	XEN MID

Client Sample ID: P267

Lab Sample ID: 890-1563-15

Date Collected: 11/10/21 08:25

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	12016	11/11/21 12:27	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/12/21 23:49	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	12105	11/12/21 09:17	DM	XEN MID
Total/NA	Analysis	8015B NM		10			12084	11/13/21 04:42	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	12132	11/12/21 12:36	CH	XEN MID
Soluble	Analysis	300.0		1			12203	11/14/21 16:21	CH	XEN MID

Client Sample ID: P266

Lab Sample ID: 890-1563-16

Date Collected: 11/10/21 08:30

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	12208	11/15/21 08:00	KL	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	12216	11/15/21 17:44	MR	XEN MID
Total/NA	Prep	5035			4.98 g	5 mL	12016	11/11/21 12:27	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 00:09	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	12105	11/12/21 09:17	DM	XEN MID
Total/NA	Analysis	8015B NM		10			12084	11/13/21 05:03	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	12132	11/12/21 12:36	CH	XEN MID
Soluble	Analysis	300.0		1			12203	11/14/21 16:26	CH	XEN MID

Client Sample ID: P265

Lab Sample ID: 890-1563-17

Date Collected: 11/10/21 08:32

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	12208	11/15/21 08:00	KL	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	12216	11/15/21 18:04	MR	XEN MID
Total/NA	Prep	5035			4.99 g	5 mL	12016	11/11/21 12:27	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 00:30	KL	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P265

Lab Sample ID: 890-1563-17

Date Collected: 11/10/21 08:32

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	12105	11/12/21 09:17	DM	XEN MID
Total/NA	Analysis	8015B NM		10			12084	11/13/21 05:25	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	12132	11/12/21 12:36	CH	XEN MID
Soluble	Analysis	300.0		1			12203	11/14/21 16:40	CH	XEN MID

Client Sample ID: P264

Lab Sample ID: 890-1563-18

Date Collected: 11/10/21 08:36

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	12208	11/15/21 08:00	KL	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	12216	11/15/21 18:25	MR	XEN MID
Total/NA	Prep	5035			4.99 g	5 mL	12016	11/11/21 12:27	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 00:50	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	12105	11/12/21 09:17	DM	XEN MID
Total/NA	Analysis	8015B NM		10			12084	11/13/21 05:46	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	12132	11/12/21 12:36	CH	XEN MID
Soluble	Analysis	300.0		1			12203	11/14/21 16:45	CH	XEN MID

Client Sample ID: P263

Lab Sample ID: 890-1563-19

Date Collected: 11/10/21 08:41

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	12208	11/15/21 08:00	KL	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	12216	11/15/21 18:45	MR	XEN MID
Total/NA	Prep	5035			5.00 g	5 mL	12016	11/11/21 12:27	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 01:11	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	12105	11/12/21 09:17	DM	XEN MID
Total/NA	Analysis	8015B NM		10			12084	11/13/21 06:06	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	12132	11/12/21 12:36	CH	XEN MID
Soluble	Analysis	300.0		1			12203	11/14/21 16:50	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P262

Lab Sample ID: 890-1563-20

Date Collected: 11/10/21 09:00

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	12016	11/11/21 12:27	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 01:31	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	12101	11/12/21 08:58	DM	XEN MID
Total/NA	Analysis	8015B NM		5			12088	11/13/21 06:30	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	12132	11/12/21 12:36	CH	XEN MID
Soluble	Analysis	300.0		1			12203	11/14/21 16:55	CH	XEN MID

Client Sample ID: P261

Lab Sample ID: 890-1563-21

Date Collected: 11/10/21 09:05

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	12017	11/11/21 12:30	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 04:56	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	12116	11/12/21 10:07	DM	XEN MID
Total/NA	Analysis	8015B NM		10			12086	11/12/21 23:14	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	12132	11/12/21 12:36	CH	XEN MID
Soluble	Analysis	300.0		1			12203	11/14/21 17:00	CH	XEN MID

Client Sample ID: SP SW #5

Lab Sample ID: 890-1563-22

Date Collected: 11/10/21 09:10

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	12017	11/11/21 12:30	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 05:16	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	12116	11/12/21 10:07	DM	XEN MID
Total/NA	Analysis	8015B NM		10			12086	11/12/21 23:36	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	12132	11/12/21 12:36	CH	XEN MID
Soluble	Analysis	300.0		1			12203	11/14/21 17:05	CH	XEN MID

Client Sample ID: SP SW #6

Lab Sample ID: 890-1563-23

Date Collected: 11/10/21 09:15

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	12208	11/15/21 08:00	KL	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	12216	11/15/21 19:05	MR	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: SP SW #6

Lab Sample ID: 890-1563-23

Date Collected: 11/10/21 09:15

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	12017	11/11/21 12:30	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 05:37	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	12116	11/12/21 10:07	DM	XEN MID
Total/NA	Analysis	8015B NM		5			12086	11/12/21 23:57	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	12132	11/12/21 12:36	CH	XEN MID
Soluble	Analysis	300.0		1			12203	11/14/21 17:10	CH	XEN MID

Client Sample ID: P258

Lab Sample ID: 890-1563-24

Date Collected: 11/10/21 09:20

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	12208	11/15/21 08:00	KL	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	12216	11/15/21 19:26	MR	XEN MID
Total/NA	Prep	5035			5.01 g	5 mL	12017	11/11/21 12:30	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 05:57	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	12116	11/12/21 10:07	DM	XEN MID
Total/NA	Analysis	8015B NM		5			12086	11/13/21 00:19	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	12133	11/12/21 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			12204	11/14/21 12:17	CH	XEN MID

Client Sample ID: P257

Lab Sample ID: 890-1563-25

Date Collected: 11/10/21 09:33

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	12017	11/11/21 12:30	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 06:18	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	12116	11/12/21 10:07	DM	XEN MID
Total/NA	Analysis	8015B NM		5			12086	11/13/21 00:40	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	12133	11/12/21 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			12204	11/14/21 12:39	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P256

Lab Sample ID: 890-1563-26

Date Collected: 11/10/21 09:40

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	12017	11/11/21 12:30	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 06:38	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	12116	11/12/21 10:07	DM	XEN MID
Total/NA	Analysis	8015B NM		5			12086	11/13/21 01:02	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	12133	11/12/21 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			12204	11/14/21 12:46	CH	XEN MID

Client Sample ID: P255

Lab Sample ID: 890-1563-27

Date Collected: 11/10/21 09:42

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	12208	11/15/21 08:00	KL	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	12216	11/15/21 19:46	MR	XEN MID
Total/NA	Prep	5035			4.99 g	5 mL	12017	11/11/21 12:30	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 06:58	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	12116	11/12/21 10:07	DM	XEN MID
Total/NA	Analysis	8015B NM		5			12086	11/13/21 01:26	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	12133	11/12/21 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			12204	11/14/21 12:53	CH	XEN MID

Client Sample ID: P254

Lab Sample ID: 890-1563-28

Date Collected: 11/10/21 09:45

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	12208	11/15/21 08:00	KL	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	12216	11/15/21 20:07	MR	XEN MID
Total/NA	Prep	5035			4.96 g	5 mL	12017	11/11/21 12:30	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 07:19	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	12116	11/12/21 10:07	DM	XEN MID
Total/NA	Analysis	8015B NM		5			12086	11/13/21 01:48	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	12133	11/12/21 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			12204	11/14/21 13:01	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P253

Lab Sample ID: 890-1563-29

Date Collected: 11/10/21 09:49

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	12017	11/11/21 12:30	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 07:39	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	12116	11/12/21 10:07	DM	XEN MID
Total/NA	Analysis	8015B NM		5			12086	11/13/21 02:09	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	12133	11/12/21 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			12204	11/14/21 13:23	CH	XEN MID

Client Sample ID: P252

Lab Sample ID: 890-1563-30

Date Collected: 11/10/21 09:53

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	12208	11/15/21 08:00	KL	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	12216	11/15/21 20:27	MR	XEN MID
Total/NA	Prep	5035			5.05 g	5 mL	12017	11/11/21 12:30	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 08:00	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	12116	11/12/21 10:07	DM	XEN MID
Total/NA	Analysis	8015B NM		5			12086	11/13/21 02:53	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	12133	11/12/21 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			12204	11/14/21 13:30	CH	XEN MID

Client Sample ID: P251

Lab Sample ID: 890-1563-31

Date Collected: 11/10/21 10:00

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	12017	11/11/21 12:30	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 09:23	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	12116	11/12/21 10:07	DM	XEN MID
Total/NA	Analysis	8015B NM		5			12086	11/13/21 03:15	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	12133	11/12/21 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			12204	11/14/21 13:38	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P250

Lab Sample ID: 890-1563-32

Date Collected: 11/10/21 10:15

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	12017	11/11/21 12:30	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 09:43	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	12116	11/12/21 10:07	DM	XEN MID
Total/NA	Analysis	8015B NM		5			12086	11/13/21 03:37	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	12133	11/12/21 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			12204	11/14/21 13:45	CH	XEN MID

Client Sample ID: P249

Lab Sample ID: 890-1563-33

Date Collected: 11/10/21 10:23

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	12017	11/11/21 12:30	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 10:04	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:36	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	12116	11/12/21 10:07	DM	XEN MID
Total/NA	Analysis	8015B NM		5			12086	11/13/21 03:59	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	12133	11/12/21 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			12204	11/14/21 13:52	CH	XEN MID

Client Sample ID: P248

Lab Sample ID: 890-1563-34

Date Collected: 11/10/21 10:30

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	12017	11/11/21 12:30	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 10:24	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	12116	11/12/21 10:07	DM	XEN MID
Total/NA	Analysis	8015B NM		1			12086	11/13/21 04:20	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	12133	11/12/21 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			12204	11/14/21 14:00	CH	XEN MID

Client Sample ID: P247

Lab Sample ID: 890-1563-35

Date Collected: 11/10/21 10:40

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	12017	11/11/21 12:30	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 10:45	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P247

Lab Sample ID: 890-1563-35

Date Collected: 11/10/21 10:40

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	12116	11/12/21 10:07	DM	XEN MID
Total/NA	Analysis	8015B NM		5			12086	11/13/21 04:42	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	12133	11/12/21 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			12204	11/14/21 14:22	CH	XEN MID

Client Sample ID: P246

Lab Sample ID: 890-1563-36

Date Collected: 11/10/21 10:48

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	12017	11/11/21 12:30	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 11:05	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	12116	11/12/21 10:07	DM	XEN MID
Total/NA	Analysis	8015B NM		1			12086	11/13/21 05:03	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	12133	11/12/21 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			12204	11/14/21 14:29	CH	XEN MID

Client Sample ID: P212

Lab Sample ID: 890-1563-37

Date Collected: 11/10/21 10:54

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	12017	11/11/21 12:30	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 11:25	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	12116	11/12/21 10:07	DM	XEN MID
Total/NA	Analysis	8015B NM		1			12086	11/13/21 05:25	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	12133	11/12/21 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			12204	11/14/21 14:51	CH	XEN MID

Client Sample ID: P213

Lab Sample ID: 890-1563-38

Date Collected: 11/10/21 11:06

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	12017	11/11/21 12:30	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 11:46	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	12116	11/12/21 10:07	DM	XEN MID
Total/NA	Analysis	8015B NM		1			12086	11/13/21 05:46	AJ	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P213

Lab Sample ID: 890-1563-38

Date Collected: 11/10/21 11:06

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	12133	11/12/21 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			12204	11/14/21 14:59	CH	XEN MID

Client Sample ID: P178

Lab Sample ID: 890-1563-39

Date Collected: 11/10/21 11:20

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	12017	11/11/21 12:30	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 12:06	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	12116	11/12/21 10:07	DM	XEN MID
Total/NA	Analysis	8015B NM		1			12086	11/12/21 22:10	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	12133	11/12/21 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			12204	11/14/21 15:06	CH	XEN MID

Client Sample ID: P179

Lab Sample ID: 890-1563-40

Date Collected: 11/10/21 11:22

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	12017	11/11/21 12:30	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 12:27	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	12116	11/12/21 10:07	DM	XEN MID
Total/NA	Analysis	8015B NM		1			12086	11/13/21 06:06	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	12133	11/12/21 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			12204	11/14/21 15:13	CH	XEN MID

Client Sample ID: P145

Lab Sample ID: 890-1563-41

Date Collected: 11/10/21 12:37

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	12018	11/11/21 12:34	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 16:30	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	12161	11/12/21 15:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			12189	11/13/21 23:41	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	12133	11/12/21 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			12204	11/14/21 15:21	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P144

Lab Sample ID: 890-1563-42

Date Collected: 11/10/21 12:42

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	12018	11/11/21 12:34	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 16:50	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	12161	11/12/21 15:28	DM	XEN MID
Total/NA	Analysis	8015B NM		5			12189	11/14/21 00:02	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	12133	11/12/21 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			12204	11/14/21 15:28	CH	XEN MID

Client Sample ID: P110

Lab Sample ID: 890-1563-43

Date Collected: 11/10/21 12:56

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	12018	11/11/21 12:34	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 17:11	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	12161	11/12/21 15:28	DM	XEN MID
Total/NA	Analysis	8015B NM		5			12189	11/14/21 00:24	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	12133	11/12/21 12:38	CH	XEN MID
Soluble	Analysis	300.0		1			12204	11/14/21 15:35	CH	XEN MID

Client Sample ID: P111

Lab Sample ID: 890-1563-44

Date Collected: 11/10/21 13:01

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	12018	11/11/21 12:34	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 17:31	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	12161	11/12/21 15:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			12189	11/14/21 00:45	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	12134	11/12/21 12:42	CH	XEN MID
Soluble	Analysis	300.0		1			12209	11/14/21 19:46	CH	XEN MID

Client Sample ID: P112

Lab Sample ID: 890-1563-45

Date Collected: 11/10/21 13:13

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	12018	11/11/21 12:34	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 17:52	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P112

Lab Sample ID: 890-1563-45

Date Collected: 11/10/21 13:13

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	12161	11/12/21 15:28	DM	XEN MID
Total/NA	Analysis	8015B NM		5			12189	11/14/21 01:06	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	12134	11/12/21 12:42	CH	XEN MID
Soluble	Analysis	300.0		1			12209	11/14/21 19:53	CH	XEN MID

Client Sample ID: P113

Lab Sample ID: 890-1563-46

Date Collected: 11/10/21 13:21

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	12018	11/11/21 12:34	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 18:12	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	12161	11/12/21 15:28	DM	XEN MID
Total/NA	Analysis	8015B NM		5			12189	11/14/21 01:28	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	12134	11/12/21 12:42	CH	XEN MID
Soluble	Analysis	300.0		1			12209	11/14/21 20:01	CH	XEN MID

Client Sample ID: P245

Lab Sample ID: 890-1563-47

Date Collected: 11/10/21 13:51

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	12018	11/11/21 12:34	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 18:32	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	12161	11/12/21 15:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			12189	11/14/21 01:49	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	12134	11/12/21 12:42	CH	XEN MID
Soluble	Analysis	300.0		1			12209	11/14/21 20:08	CH	XEN MID

Client Sample ID: P244

Lab Sample ID: 890-1563-48

Date Collected: 11/10/21 13:55

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	12018	11/11/21 12:34	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 18:53	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	12161	11/12/21 15:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			12189	11/13/21 22:36	AJ	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P244

Lab Sample ID: 890-1563-48

Date Collected: 11/10/21 13:55

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	12134	11/12/21 12:42	CH	XEN MID
Soluble	Analysis	300.0		1			12209	11/14/21 20:16	CH	XEN MID

Client Sample ID: P243

Lab Sample ID: 890-1563-49

Date Collected: 11/10/21 14:21

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	12018	11/11/21 12:34	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 20:15	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:23	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	12161	11/12/21 15:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			12189	11/14/21 02:10	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	12134	11/12/21 12:42	CH	XEN MID
Soluble	Analysis	300.0		1			12209	11/14/21 20:23	CH	XEN MID

Client Sample ID: P242

Lab Sample ID: 890-1563-50

Date Collected: 11/10/21 14:27

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	12018	11/11/21 12:34	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 20:36	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:23	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	12161	11/12/21 15:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			12189	11/14/21 02:31	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	12134	11/12/21 12:42	CH	XEN MID
Soluble	Analysis	300.0		1			12209	11/14/21 20:45	CH	XEN MID

Client Sample ID: P240

Lab Sample ID: 890-1563-51

Date Collected: 11/10/21 14:44

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	12018	11/11/21 12:34	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 20:56	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:23	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	12161	11/12/21 15:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			12189	11/14/21 03:13	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	12134	11/12/21 12:42	CH	XEN MID
Soluble	Analysis	300.0		1			12209	11/14/21 20:52	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P239

Lab Sample ID: 890-1563-52

Date Collected: 11/10/21 14:47

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	12018	11/11/21 12:34	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 21:17	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:23	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	12101	11/12/21 08:58	DM	XEN MID
Total/NA	Analysis	8015B NM		1			12088	11/13/21 03:45	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	12134	11/12/21 12:42	CH	XEN MID
Soluble	Analysis	300.0		1			12209	11/14/21 21:14	CH	XEN MID

Client Sample ID: P205

Lab Sample ID: 890-1563-53

Date Collected: 11/10/21 15:13

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	12018	11/11/21 12:34	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 21:37	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:23	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	12101	11/12/21 08:58	DM	XEN MID
Total/NA	Analysis	8015B NM		1			12088	11/13/21 04:10	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	12134	11/12/21 12:42	CH	XEN MID
Soluble	Analysis	300.0		1			12209	11/14/21 21:22	CH	XEN MID

Client Sample ID: P206

Lab Sample ID: 890-1563-54

Date Collected: 11/10/21 15:18

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	12018	11/11/21 12:34	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 21:58	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:23	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	12101	11/12/21 08:58	DM	XEN MID
Total/NA	Analysis	8015B NM		1			12088	11/13/21 04:37	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	12134	11/12/21 12:42	CH	XEN MID
Soluble	Analysis	300.0		1			12209	11/14/21 21:29	CH	XEN MID

Client Sample ID: P207

Lab Sample ID: 890-1563-55

Date Collected: 11/10/21 15:23

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	12018	11/11/21 12:34	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 22:18	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:23	AJ	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P207

Lab Sample ID: 890-1563-55

Date Collected: 11/10/21 15:23

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	12101	11/12/21 08:58	DM	XEN MID
Total/NA	Analysis	8015B NM		1			12088	11/13/21 05:00	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	12134	11/12/21 12:42	CH	XEN MID
Soluble	Analysis	300.0		1			12209	11/14/21 21:36	CH	XEN MID

Client Sample ID: P208

Lab Sample ID: 890-1563-56

Date Collected: 11/10/21 15:30

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	12018	11/11/21 12:34	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 22:38	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:23	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	12101	11/12/21 08:58	DM	XEN MID
Total/NA	Analysis	8015B NM		1			12088	11/13/21 05:24	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	12134	11/12/21 12:42	CH	XEN MID
Soluble	Analysis	300.0		1			12209	11/14/21 21:44	CH	XEN MID

Client Sample ID: P209-P210

Lab Sample ID: 890-1563-57

Date Collected: 11/10/21 15:34

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	12018	11/11/21 12:34	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 22:59	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:23	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	12101	11/12/21 08:58	DM	XEN MID
Total/NA	Analysis	8015B NM		1			12088	11/13/21 05:48	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	12134	11/12/21 12:42	CH	XEN MID
Soluble	Analysis	300.0		1			12209	11/14/21 21:51	CH	XEN MID

Client Sample ID: P211

Lab Sample ID: 890-1563-58

Date Collected: 11/10/21 15:34

Matrix: Solid

Date Received: 11/10/21 16:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	12018	11/11/21 12:34	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12125	11/13/21 23:19	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:23	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	12101	11/12/21 08:58	DM	XEN MID
Total/NA	Analysis	8015B NM		1			12088	11/13/21 06:09	AJ	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Client Sample ID: P211
Date Collected: 11/10/21 15:34
Date Received: 11/10/21 16:25

Lab Sample ID: 890-1563-58
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	12134	11/12/21 12:42	CH	XEN MID
Soluble	Analysis	300.0		1			12209	11/14/21 21:59	CH	XEN MID

Laboratory References:
XEN MID = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Accreditation/Certification Summary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Laboratory: Eurofins Xenco, Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

XEN MID = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Xenco, Carlsbad

Sample Summary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-1563-1	P235	Solid	11/10/21 07:00	11/10/21 16:25	3
890-1563-2	P234	Solid	11/10/21 07:05	11/10/21 16:25	3
890-1563-3	P233	Solid	11/10/21 07:10	11/10/21 16:25	3
890-1563-4	P232	Solid	11/10/21 07:15	11/10/21 16:25	3
890-1563-5	P231	Solid	11/10/21 07:20	11/10/21 16:25	3
890-1563-6	P230	Solid	11/10/21 07:25	11/10/21 16:25	3
890-1563-7	SP SW #1	Solid	11/10/21 07:30	11/10/21 16:25	3
890-1563-8	SP SW #2	Solid	11/10/21 07:35	11/10/21 16:25	3
890-1563-9	SP SW #3	Solid	11/10/21 07:40	11/10/21 16:25	3
890-1563-10	SP SW #4	Solid	11/10/21 07:50	11/10/21 16:25	3
890-1563-11	P224	Solid	11/10/21 07:55	11/10/21 16:25	3
890-1563-12	P223	Solid	11/10/21 08:00	11/10/21 16:25	3
890-1563-13	P269	Solid	11/10/21 08:15	11/10/21 16:25	3
890-1563-14	P268	Solid	11/10/21 08:20	11/10/21 16:25	3
890-1563-15	P267	Solid	11/10/21 08:25	11/10/21 16:25	3
890-1563-16	P266	Solid	11/10/21 08:30	11/10/21 16:25	3
890-1563-17	P265	Solid	11/10/21 08:32	11/10/21 16:25	3
890-1563-18	P264	Solid	11/10/21 08:36	11/10/21 16:25	3
890-1563-19	P263	Solid	11/10/21 08:41	11/10/21 16:25	3
890-1563-20	P262	Solid	11/10/21 09:00	11/10/21 16:25	3
890-1563-21	P261	Solid	11/10/21 09:05	11/10/21 16:25	3
890-1563-22	SP SW #5	Solid	11/10/21 09:10	11/10/21 16:25	3
890-1563-23	SP SW #6	Solid	11/10/21 09:15	11/10/21 16:25	3
890-1563-24	P258	Solid	11/10/21 09:20	11/10/21 16:25	3
890-1563-25	P257	Solid	11/10/21 09:33	11/10/21 16:25	3
890-1563-26	P256	Solid	11/10/21 09:40	11/10/21 16:25	3
890-1563-27	P255	Solid	11/10/21 09:42	11/10/21 16:25	3
890-1563-28	P254	Solid	11/10/21 09:45	11/10/21 16:25	3
890-1563-29	P253	Solid	11/10/21 09:49	11/10/21 16:25	3
890-1563-30	P252	Solid	11/10/21 09:53	11/10/21 16:25	3
890-1563-31	P251	Solid	11/10/21 10:00	11/10/21 16:25	3
890-1563-32	P250	Solid	11/10/21 10:15	11/10/21 16:25	3
890-1563-33	P249	Solid	11/10/21 10:23	11/10/21 16:25	3
890-1563-34	P248	Solid	11/10/21 10:30	11/10/21 16:25	3
890-1563-35	P247	Solid	11/10/21 10:40	11/10/21 16:25	3
890-1563-36	P246	Solid	11/10/21 10:48	11/10/21 16:25	3
890-1563-37	P212	Solid	11/10/21 10:54	11/10/21 16:25	3
890-1563-38	P213	Solid	11/10/21 11:06	11/10/21 16:25	3
890-1563-39	P178	Solid	11/10/21 11:20	11/10/21 16:25	SURFACE
890-1563-40	P179	Solid	11/10/21 11:22	11/10/21 16:25	2
890-1563-41	P145	Solid	11/10/21 12:37	11/10/21 16:25	2
890-1563-42	P144	Solid	11/10/21 12:42	11/10/21 16:25	SURFACE
890-1563-43	P110	Solid	11/10/21 12:56	11/10/21 16:25	3
890-1563-44	P111	Solid	11/10/21 13:01	11/10/21 16:25	2
890-1563-45	P112	Solid	11/10/21 13:13	11/10/21 16:25	3
890-1563-46	P113	Solid	11/10/21 13:21	11/10/21 16:25	3
890-1563-47	P245	Solid	11/10/21 13:51	11/10/21 16:25	3
890-1563-48	P244	Solid	11/10/21 13:55	11/10/21 16:25	3
890-1563-49	P243	Solid	11/10/21 14:21	11/10/21 16:25	3
890-1563-50	P242	Solid	11/10/21 14:27	11/10/21 16:25	3
890-1563-51	P240	Solid	11/10/21 14:44	11/10/21 16:25	3
890-1563-52	P239	Solid	11/10/21 14:47	11/10/21 16:25	3
890-1563-53	P205	Solid	11/10/21 15:13	11/10/21 16:25	3
890-1563-54	P206	Solid	11/10/21 15:18	11/10/21 16:25	3

Sample Summary

Client: Resolute Compliance LLC
Project/Site: IM Bluestem Oil

Job ID: 890-1563-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-1563-55	P207	Solid	11/10/21 15:23	11/10/21 16:25	3
890-1563-56	P208	Solid	11/10/21 15:30	11/10/21 16:25	3
890-1563-57	P209-P210	Solid	11/10/21 15:34	11/10/21 16:25	3
890-1563-58	P211	Solid	11/10/21 15:34	11/10/21 16:25	3

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199



Environment Testing
Xenco

Work Order No: 21-9007

www.xenco.com Page 1 of 7

Project Manager: James Vanassche
Company Name: Resolute Compliance
Address: 115 FM 2453 Suite 101
City, State ZIP: Brownsville, TX 77801
Phone: 972-842-4304 Email: jva@resolutecompliance.com

Program: ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund
State of Project: ☐ Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV
Reporting: ☐ Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV
Deliverables: ☐ EDD ☐ ADAPT ☐ Other:

Project Name: LM Bluestem Oil
Project Number:
Project Location:
Sampler's Name:
PO #:

Turn Around: ☐ Routine ☒ Rush
Due Date: 12-28-24
TAT starts the day received by the lab, if received by 4:30pm

Temp Blank: ☒ Yes ☐ No
Thermometer ID: 100-007
Cooler Custody Seals: Yes ☐ No ☒ N/A
Correction Factor: -0.2
Sample Custody Seals: Yes ☐ No ☒ N/A
Temperature Reading: 1.4
Corrected Temperature: 1.2

ANALYSIS REQUEST

Preservative Codes: None: NO, DI Water: H₂O, Cool: Cool, MeOH: Me, HCL: HC, HNO₃: HN, H₂SO₄: H₂, H₃PO₄: HP, NaHSO₄: NABIS, Na₂S₂O₅: NaSO₃, Zn Acetate+NaOH: Zn, NaOH+Ascorbic Acid: SACP

890-1563 Chain of Custody

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters	Prior Code
P235	SOIL	11-10-21	0700am	3"	COMP	1	BTEX	
P234			0705am				Chlorides	
P233			0710am					
P232			0715am					
P231			0720am					
P230			0725am					
SP5W #1			0730am					
SP5W #2			0735am					
SP5W #3			0740am					
SP5W #4			0750am					

Sample Comments

Total 2007/6010 200.8/6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP/SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Date/Time
		11-10-21 4:35 ²	

Revised Date: 08/25/2020 Rev. 2020.2

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199



Environment Testing
Xenco

Work Order No: 21-9007

www.xenco.com Page 2 of 7

Project Manager: James Vanasse
Company Name: Resolute Compliance
Address: 115 FM 2453 Suite A
City, State ZIP: Royse City, TX 75189
Phone: 972-842-4304 Email: jva@resolutecompliance.com

Bill to: (if different)
Company Name:
Address:
City, State ZIP:

Work Order Comments: Program: ☐ UST/PST ☐ PAP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project: Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADAPT ☐ Other:

Project Name: LM Bluestem 011
Project Number:
Project Location:
Sampler's Name:
PO #:

Turn Around
☐ Routine ☐ Rush
Due Date:
TAT starts the day received by the lab, if received by 4:30pm

Temp Blank: Yes No
Thermometer ID:
Cooler Custody Seals: Yes No N/A
Sample Custody Seals: Yes No N/A
Temperature Reading:
Corrected Temperature:

ANALYSIS REQUEST										Preservative Codes	
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters	Pres. Code		None: NO	DI Water: H ₂ O
P224	Soil	10-11-21	0755am	3"	Comp	1				Cool: Cool	MeOH: Me
P223			0802m							HCL: HC	HNO ₃ : HN
P269			0815am							H ₂ SO ₄ : H ₂	NaOH: Na
P268			0830am							H ₃ PO ₄ : HP	
P267			0835am							NaHSO ₄ : NABIS	
P266			0830am							Na ₂ S ₂ O ₃ : NaSO ₃	
P265			0832am							Zn Acetate+NaOH: Zn	
P264			0836am							NaOH+Ascorbic Acid: SAPC	
P263			0841am								
P262			0900am								

Total 200.7/6010 200.8/6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP/SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	Clay Gulp	11-10-21 11:10:21	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2



Environment Testing
Xenco

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: 21 9007

www.xenco.com Page 3 of 7

Project Manager:		Bill to: (if different)	
Company Name:		Company Name:	
Address:		Address:	
City, State ZIP:		City, State ZIP:	
Phone:		Email:	

Project Name:		Turn Around	
Project Number:		Routine ☐ Rush ☐	
Project Location:		Due Date:	
Sampler's Name:		TAT starts the day received by the lab, if received by 4:30pm	
PO #:		Temp Blank: Yes No Wet Ice: Yes No	
Samples Received Intact:		Thermometer ID:	
Cooler Custody Seals:		Correction Factor:	
Sample Custody Seals:		Temperature Reading:	
Total Containers:		Corrected Temperature:	

Project Name:		Turn Around	
Project Number:		Routine ☐ Rush ☐	
Project Location:		Due Date:	
Sampler's Name:		TAT starts the day received by the lab, if received by 4:30pm	
PO #:		Temp Blank: Yes No Wet Ice: Yes No	
Samples Received Intact:		Thermometer ID:	
Cooler Custody Seals:		Correction Factor:	
Sample Custody Seals:		Temperature Reading:	
Total Containers:		Corrected Temperature:	

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Pres. Code	ANALYSIS REQUEST	Preservative Codes
P261	soil	11-10-21	0905am	3"	comp	1			None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₅ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
SPSW #5			0910am						
SPSW #6			0915am						
P258			0920am						
P257			0933am						
P256			0940am						
P255			0942am						
P254			0945am						
P253			0949am						
P252			0953am						

Total 200.7 / 6010	200.8 / 6020:	8RCRA 13PPM Texas 11	Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U	Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1					
3					
5					

Revised Date: 08/25/2020 Rev. 2020.2

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Environment Testing
Xenco



Work Order No: 21-9007

www.xenco.com Page 4 of 7

Project Manager: James Vancasse Bill to: (if different)
Company Name: Resolute Compliance Company Name:
Address: 115 FM 2453 Suite A Address:
City, State ZIP: Royse City, TX 75189 City, State ZIP:
Phone: 972-842-4364 Email: ava@resolutecompliance.com

Program: ☐ UST/PST ☐ PMP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project: ☐ Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Reporting: ☐ Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: ☐ EDD ☐ ADAPT ☐ Other:

Project Name: LM Biwestern oil ANALYSIS REQUEST
Project Number: 111021 Pres. Code
Project Location: Turn Around
Sampler's Name: Due Date:
PO #: TAT starts the day received by the lab, if received by 4:30pm

SAMPLE RECEIPT
Samples Received Intact: Yes No Temp Blank: Yes No Wet Ice: Yes No
Cooler Custody Seals: Yes No N/A Thermometer ID:
Sample Custody Seals: Yes No N/A Correction Factor:
Total Containers: Yes No N/A Temperature Reading:
Corrected Temperature:

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters	Pres. Code	Preservative Codes
P254	Soil	11/10/21	10:00am	3"	comp	1	BTX		None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
P250			10:15am				Chlorides		
P249			10:23am				TPH		
P248			10:30am						
P247			10:40am						
P246			10:48am						
P245 & 12			10:54am						
P213			11:06am						
P178			11:20am						
P179			11:22am	Surface					

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		11-10-21 11:10:21			

Revised Date: 06/25/2020 Rev. 20202



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
 Midland, TX (432) 704-5440, San Antonio, TX (210) 505-3334
 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

 Environment Testing
 Xenco

Work Order No: 21-9007

www.xenco.com Page 5 of 7

Project Manager: James Vanasse		Bill to: (if different)	
Company Name: Resolute Compliance		Company Name:	
Address: 115 PM 2453 Suite A		Address:	
City, State ZIP: Rose City, TX 75189		City, State ZIP:	
Phone: 972-842-4364		Email: jva@resolutecompliance.com	

Project Name: 1M Bluestem oil		Turn Around	
Project Number:		☐ Routine ☐ Rush	
Project Location:		Due Date:	
Sampler's Name:		TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT				Temp Blank:		Yes		No		Wet Ice:		Yes		No	
Samples Received Intact:				Yes		No		Thermometer ID:							
Cooler Custody Seals:				Yes		No		Correction Factor:							
Sample Custody Seals:				Yes		No		Temperature Reading:							
Total Containers:				Yes		No		Corrected Temperature:							

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters	Pres. Code	ANALYSIS REQUEST	Preservative Codes	Sample Comments
P143	Soil	11-10-21	12:37pm	2"	Comp	1	Chlorides			None: NO	
P144			12:42pm	2"						Cool: Cool	
P110			12:56pm	surface						HCL: HC	
P111			13:01pm	3"						HNO ₃ : HN	
P112			13:13pm	2"						H ₂ SO ₄ : H ₂	
P113			13:21pm	3"						H ₃ PO ₄ : HP	
P245			13:51pm	3"						NaHSO ₄ : NABIS	
P244			13:55pm	3"						Na ₂ S ₂ O ₃ : NaSO ₃	
P243			14:21pm	3"						Zn Acetate+NaOH: Zn	
P242			14:27	3"						NaOH+Ascorbic Acid: SACP	

Total 200.7 / 6010	200.8 / 6020:	8RCRA 13PPM Texas 11	Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471	

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		11-10-21 4:25			
3					
5					

Revised Date: 08/25/2020 Rev. 2020.2

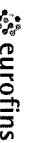
Eurofins Xenco, Carlsbad

1089 N Canal St.

Carlsbad NM 88220

Phone 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

Environment Testing
America

Client Information (Sub Contract Lab)		Sampler	Lab PM	Carrier Tracking No(s)	COC No									
Client Contact:	Phone	Kramer Jessica			890-504 1									
Shipping/Receiving		E-Mail	Jessica.kramer@eurofins.com	State of Origin	Page 1 of 7									
Company		Accreditations Required (See note):	NE LAP - Texas		Job #									
Eurofins Xenco					890-1563-1									
Address	Due Date Requested	Analysis Requested												
1211 W Florida Ave	11/15/2021													
City	TAT Requested (days):													
Midland														
State Zip:														
TX 79701														
Phone	PO #													
432-704-6440(Tel)														
Email	WO #													
Project Name	Project #													
IM Bluestem Oil	88000117													
Site	SSOM#													
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wastebiol, BT=Trisec, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8016NM_S_Prep Full TPH	8021B/6035FP_Calc BTEX	8015MOD_Calc	Total_BTEX_GCV	300_ORGFM_28D/DI_LEACH Chloride	Total Number of containers	Special Instructions/Note:
P235 (890-1563-1)	11/10/21	07 00	Mountain	Solid		X	X	X	X	X	X	X	1	
P234 (890-1563-2)	11/10/21	07 05	Mountain	Solid		X	X	X	X	X	X	X	1	
P233 (890-1563-3)	11/10/21	07 10	Mountain	Solid		X	X	X	X	X	X	X	1	
P232 (890-1563-4)	11/10/21	07 15	Mountain	Solid		X	X	X	X	X	X	X	1	
P231 (890-1563-5)	11/10/21	07 20	Mountain	Solid		X	X	X	X	X	X	X	1	
P230 (890-1563-6)	11/10/21	07 25	Mountain	Solid		X	X	X	X	X	X	X	1	
SP SW #1 (890-1563-7)	11/10/21	07 30	Mountain	Solid		X	X	X	X	X	X	X	1	
SP SW #2 (890-1563-8)	11/10/21	07 35	Mountain	Solid		X	X	X	X	X	X	X	1	
SP SW #3 (890-1563-9)	11/10/21	07 40	Mountain	Solid		X	X	X	X	X	X	X	1	
Note: Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/matrix being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Xenco LLC.														
Possible Hazard Identification														
Unconfirmed														
Deliverable Requested I II III IV Other (specify)														
Primary Deliverable Rank 2														
Empty Kit Relinquished by:														
Relinquished by: <i>[Signature]</i> Date: 11/16/21 Company: <i>[Signature]</i> Received by: <i>[Signature]</i> Date: 11/11/21 Company: <i>[Signature]</i>														
Relinquished by: <i>[Signature]</i> Date: <i>[Signature]</i> Company: <i>[Signature]</i> Received by: <i>[Signature]</i> Date: 12/4/21 Company: <i>[Signature]</i>														
Custody Seals Intact: ☒ Yes ☐ No Custody Seal No: <i>4.6/47</i>														
Cooler Temperature(s) °C and Other Remarks:														

Eurofins Yanco Carlsbad	1
	2
	3
	4
	5
	6
	7
	8
	9
	10
	11
	12
	13
	14

Eurofins Xenco Carlebad

1089 N Canal St.
Carlsbad NM 88220
Phone 575-988-3199 Fax 575-988-3199

Chain of Custody Record

eurolins
Environment Testing
America

Client Information (Sub Contract Lab)		Sampler	Lab PM	Carrier Tracking No(s)	COC No									
Client Contact		Kramer Jessica			890-504 2									
Shipping/Receiving	Phone:	Jessica.kramer@eurofinsnet.com	State of Origin	Page:	Page 2 of 7									
Company		NEIAP - Texas	New Mexico	Job #	890-1563-1									
Eurofins Xenco		Accreditations Required (See note)												
Address	Due Date Requested	11/15/2021	Analysis Requested											
1211 W Florida Ave	TAT Requested (days):													
City														
Midland														
State Zip														
TX, 79701														
Phone:	PO #													
432-704-5440(Tel)	WO #													
Email														
Project Name	Project #	88000117												
1M Bluesiem Oil	SSOW#													
Site														
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=Water, S=Soil, O=Organic, B=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_Prep Full TPH	8021B/5035FP_Calc BTEX	8015MOD_Calc	Total_BTEX_GCV	300_ORGFM_28D/DI_LEACH Chloride	Total Number of containers	Special Instructions/Note
SP SW #4 (890-1563-10)	11/10/21	07 50	Mountain		Solid		X	X	X	X	X	X	1	
P224 (890-1563-11)	11/10/21	07 55	Mountain		Solid		X	X	X	X	X	X	1	
P223 (890-1563-12)	11/10/21	08 00	Mountain		Solid		X	X	X	X	X	X	1	
P269 (890-1563-13)	11/10/21	08 15	Mountain		Solid		X	X	X	X	X	X	1	
P268 (890-1563-14)	11/10/21	08 20	Mountain		Solid		X	X	X	X	X	X	1	
P267 (890-1563-15)	11/10/21	08 25	Mountain		Solid		X	X	X	X	X	X	1	
P266 (890-1563-16)	11/10/21	08 30	Mountain		Solid		X	X	X	X	X	X	1	
P265 (890-1563-17)	11/10/21	08 32	Mountain		Solid		X	X	X	X	X	X	1	
P264 (890-1563-18)	11/10/21	08 36	Mountain		Solid		X	X	X	X	X	X	1	
Note: Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other institutions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Xenco LLC.														
Possible Hazard Identification														
Unconfirmed														
Deliverable Requested I II III IV Other (specify)														
Primary Deliverable Rank: 2														
Empty Kit Relinquished by														
Relinquished by: <i>[Signature]</i> Date/Time: 11/15/21 Company: <i>[Signature]</i> Received by: <i>[Signature]</i> Date/Time: <i>[Signature]</i> Company: <i>[Signature]</i> Date/Time: <i>[Signature]</i> Company: <i>[Signature]</i>														
Relinquished by: <i>[Signature]</i> Date/Time: <i>[Signature]</i> Company: <i>[Signature]</i> Received by: <i>[Signature]</i> Date/Time: <i>[Signature]</i> Company: <i>[Signature]</i> Date/Time: <i>[Signature]</i> Company: <i>[Signature]</i>														
Custody Seals Intact ☐ Yes ☐ No Custody Seal No														
Cooler Temperature(s) °C and Other Remarks														

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Eurofins Xenco, Carlsbad

1089 N Canal St
Carlsbad NM 86220
Phone 575-988-3199 Fax 575-988-3199

Chain of Custody Record



Environment Testing
America

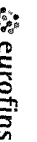
Client Information (Sub Contract Lab)		Sampler	Lab PM	Carrier Tracking No(s)	COC No.
Client Contact		Phone	Kramer Jessica		890-504 3
Shipping/Receiving			E-Mail jessica.kramer@eurofinsnet.com	Sale of Origin New Mexico	Page: 3 of 7
Company Eurofins Xenco		Accreditations Required (See note) NELAP - Texas		Job #	890-1563-1
Address 1211 W Florida Ave		Due Date Requested 11/15/2021	Preservation Codes		
City Midland		TAT Requested (days):	A. HCL B. NaOH C. Zr Acetate D. Nitro Acid E. NaHSO4 F. MeOH G. Amchlor H. Ascorbic Acid I. Ice J. DI Water K. EDTA L. EDA Other:		
State, Zip TX 79701		PO #	M. Hexane N. None O. ASH2O2 P. Na2O4S Q. Na2SO3 R. Na2S2O3 S. H2SO4 T. TSP Dodecahydrate U. Acetone V. MCAA W. pH 4-5 Z. other (specify)		
Phone 432-704-5440(Tel)		WO #			
Email		Project #: 88000117			
Project Name IM Bluestem Oil		SSOW#			
Site:					
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wastewater, BI=tissue, A=AA)
P263 (890-1563-19)		11/10/21	08 41		Solid
P262 (890-1563-20)		11/10/21	09 00		Solid
P261 (890-1563-21)		11/10/21	09 05		Solid
SP SW #5 (890-1563-22)		11/10/21	09 10		Solid
SP SW #6 (890-1563-23)		11/10/21	09 15		Solid
P258 (890-1563-24)		11/10/21	09 20		Solid
P257 (890-1563-25)		11/10/21	09 33		Solid
P256 (890-1563-26)		11/10/21	09 40		Solid
P255 (890-1563-27)		11/10/21	09 42		Solid
Note: Since laboratory accreditations are subject to change Eurofins Xenco LLC places the ownership of method analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/testmatrix being analyzed the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately. If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Xenco LLC.					
Possible Hazard Identification					
Unconfirmed					
Deliverable Requested I II III IV Other (specify)					
Primary Deliverable Rank 2					
Empty Kit Relinquished by					
Relinquished by		Date/Time	Company	Received by	Date/Time
Relinquished by		Date/Time	Company	Received by	Date/Time
Relinquished by		Date/Time	Company	Received by	Date/Time
Custody Seals Intact:		Custody Seal No		Cooler Temperature(s) °C and Other Remarks	
A Yes A No					

1
2
3
4
5
6
7
8
9
10
11
12
13
14

Eurofins Xenco, Carlsbad

1089 N Canal St.
Carlsbad NM 88220
Phone 575-988-3199 Fax 575-988-3199

Chain of Custody Record



Environment Testing
America

Client Information (Sub Contract Lab)		Sampler	Lab PM	Carrier Tracking No(s)	COC No				
Client Contact	Phone	Kramer Jessica			890-504 4				
Shipping/Receiving	E-Mail	Jessica.kramer@eurofinsnet.com	State of Origin		Page 4 of 7				
Company	Accreditations Required (See note):	NELAP - Texas	New Mexico						
Eurofins Xenco					Job # 890-1563-1				
Address	Due Date Requested								
1211 W Florida Ave	11/15/2021								
City	TAT Requested (days)								
Midland									
State Zip									
TX 79701									
Phone	PO #								
432-704-5440(Tel)									
Email	WO #								
Project Name	Project #								
1M Bluesiem Oil	88000117								
Site	SSOM#								
Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=Water, S=solid, O=wasteoil, BT=Tissue, AA=)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Analysis Requested	Total Number of containers	Special Instructions/Note
P254 (890-1563-28)	11/10/21	09 45	Mountain	Solid	X	X	X	X	
P253 (890-1563-29)	11/10/21	09 49	Mountain	Solid	X	X	X	X	
P252 (890-1563-30)	11/10/21	09 53	Mountain	Solid	X	X	X	X	
P251 (890-1563-31)	11/10/21	10 00	Mountain	Solid	X	X	X	X	
P250 (890-1563-32)	11/10/21	10 15	Mountain	Solid	X	X	X	X	
P249 (890-1563-33)	11/10/21	10 23	Mountain	Solid	X	X	X	X	
P248 (890-1563-34)	11/10/21	10 30	Mountain	Solid	X	X	X	X	
P247 (890-1563-35)	11/10/21	10 40	Mountain	Solid	X	X	X	X	
P246 (890-1563-36)	11/10/21	10 48	Mountain	Solid	X	X	X	X	
Note: Since laboratory accreditations are subject to change Eurofins Xenco LLC places the ownership of method analyze & accreditation compliance upon our subcontracted laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysts/test/matrix being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately. If all requested accreditations are current to date return the signed Chain of Custody attesting to said compliance to Eurofins Xenco LLC.									
Possible Hazard Identification									
Unconfirmed									
Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank 2									
Empty Kit Relinquished by									
Relinquished by <i>[Signature]</i> Date/Time 11/11/21 Company									
Relinquished by Date/Time Company									
Relinquished by Date/Time Company									
Custody Seals Intact: Custody Seal No									
Cooler Temperature(s) °C and Other Remarks.									

 **eurofins**

Environment Testing
America

curiomics
Environment Testing
America

Ver. 06/08/2021

1
2
3
4
5
6
7
8
9
10
11
12
13
14

Eurofins Xenco, Carlsbad

1089 N Canal St.
Carlsbad NM 88220
Phone 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



Environment Testing
America

Client Information (Sub Contract Lab)		Sampler	Lab PM	Carrier Tracking No(s)	COC No.
Client Contact:	Phone	Kramer Jessica			890-504 6
Shipping/Receiving	E-Mail	Jessica.kramer@eurofins.com		State of Origin	Page 6 of 7
Company	Address	1211 W Florida Ave	Accreditations Required (See note)	Job #:	890-1563-1
City	Due Date Requested	11/15/2021	Analysis Requested	Preservation Codes	
State Zip	TAT Requested (days)				
TX 79701					
Phone	PO #				
432-704-5440(Tel)	W/O #				
Email	Project #				
	88000117				
Project Name:	SSOW#				
IM Blueshem Oil					
Site					
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wastewater, BT=Issue, A=Air)
P113 (890-1563-46)	11/10/21	13 21		Solid	
P245 (890-1563-47)	11/10/21	13 51		Solid	
P244 (890-1563-48)	11/10/21	13 55		Solid	
P243 (890-1563-49)	11/10/21	14 21		Solid	
P242 (890-1563-50)	11/10/21	14 27		Solid	
P240 (890-1563-51)	11/10/21	14 44		Solid	
P239 (890-1563-52)	11/10/21	14 47		Solid	
P205 (890-1563-53)	11/10/21	15 13		Solid	
P206 (890-1563-54)	11/10/21	15 18		Solid	
Note: Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method, analysis & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Xenco LLC.					
Possible Hazard Identification					
Unconfirmed					
Deliverable Requested I II III IV Other (Specify)		Primary Deliverable Rank 2		Special Instructions/QC Requirements	
Empty Kit Relinquished by		Date	Time	Method of Shipment	
Relinquished by <i>[Signature]</i>		11/11/21		Received by <i>[Signature]</i>	
Relinquished by		Date/Time	Company	Received by	
Relinquished by		Date/Time	Company	Received by	
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks:	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Eurofins Xenco, Carlsbad

1089 N Canal St.
Carlsbad NM 88220
Phone 575-988-3199 Fax 575-988-3199

Chain of Custody Record



Environment Testing
America

Client Information (Sub Contract Lab)		Sampler	Lab PM	Carrier Tracking No(s)	COC No.
Client Contact	Phone	Kramer Jessica			890-504 7
Shipping/Receiving	E-Mail	Jessica.kramer@eurofins.com	State of Origin	Page:	Page 7 of 7
Company	Address	1211 W Florida Ave	New Mexico	Job #:	890-1563-1
Eurofins Xenco	City	Midland	Analysis Requested	Preservation Codes	
Due Date Requested	TAT Requested (days)	11/15/2021			
State Zip:	TX 79701				
Phone:	432-704-5440(Tel)	PO #:			
Email		WO #			
Project Name	IM Bluesiem Oil	Project #:			
Site		SSOW#			
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=oil, BT=tissue, AA=air)
P207 (890-1563-55)		11/10/21	15 23		Solid
P208 (890-1563-56)		11/10/21	15 30		Solid
P209-P210 (890-1563-57)		11/10/21	15 34		Solid
P211 (890-1563-58)		11/10/21	15 34		Solid
Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		Total Number of containers	
		8015MOD_NM/8015NM_S_Prep Full TPH		1	
		8021B/6035FP_Calc BTEX		1	
		8015MOD_Calc		1	
		Total_BTEX_GCV		1	
		300_ORGFM_28D/DI_LEACH Chloride		1	
Special Instructions/Note:					
Empty Kit Relinquished by		Date/Time	Company	Received by	Date/Time
Relinquished by		Date/Time	Company	Received by	Date/Time
Relinquished by		Date/Time	Company	Received by	Date/Time
Custody Seals Intact:		Custody Seal No		Cooler Temperature(s) °C and Other Remarks:	
Δ Yes Δ No					

Login Sample Receipt Checklist

Client: Resolute Compliance LLC

Job Number: 890-1563-1

SDG Number:

Login Number: 1563

List Number: 1

Creator: Clifton, Cloe

List Source: Eurofins Xenco, Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: Resolute Compliance LLC

Job Number: 890-1563-1

SDG Number:

Login Number: 1563

List Number: 2

Creator: Kramer, Jessica

List Source: Eurofins Xenco, Midland

List Creation: 11/11/21 12:52 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing
America

ANALYTICAL REPORT

Eurofins Xenco, Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Tel: (575)988-3199

Laboratory Job ID: 890-1564-1
Client Project/Site: LM Bluestem Oil

For:
Resolute Compliance LLC
115 FM 2453
Suite A
Royse City, Texas 75189

Attn: James Vanassche

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:
11/17/2021 10:08:06 AM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Resolute Compliance LLC
Project/Site: LM Bluestem Oil

Laboratory Job ID: 890-1564-1

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	5
Surrogate Summary	17
QC Sample Results	19
QC Association Summary	25
Lab Chronicle	29
Certification Summary	34
Method Summary	35
Sample Summary	36
Chain of Custody	37
Receipt Checklists	41

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: Resolute Compliance LLC
Project/Site: LM Bluestem Oil

Job ID: 890-1564-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Eurofins Xenco, Carlsbad

Case Narrative

Client: Resolute Compliance LLC
Project/Site: LM Bluestem Oil

Job ID: 890-1564-1

Job ID: 890-1564-1**Laboratory: Eurofins Xenco, Carlsbad****Narrative****Job Narrative
890-1564-1****Receipt**

The samples were received on 11/11/2021 10:14 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.4°C

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: P72 (890-1564-6), P73 (890-1564-7), P74 (890-1564-8), P75 (890-1564-9), P76 (890-1564-10), P77 (890-1564-11), P44R (890-1564-12), Burm #7 (890-1564-13), Burm #2 (890-1564-14), (MB 880-12161/1-A), (890-1563-A-48-E) and (890-1563-A-48-C MS). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: P172 (890-1564-2), P138 (890-1564-3), P139 (890-1564-4) and (LCSD 880-12224/3-A). Evidence of matrix interferences is not obvious.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: LM Bluestem Oil

Job ID: 890-1564-1

Client Sample ID: P171

Lab Sample ID: 890-1564-1

Date Collected: 11/11/21 06:52

Matrix: Solid

Date Received: 11/11/21 10:14

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.994	U	0.994		mg/Kg		11/15/21 08:15	11/15/21 23:46	500
Toluene	4.47		0.994		mg/Kg		11/15/21 08:15	11/15/21 23:46	500
Ethylbenzene	2.55		0.994		mg/Kg		11/15/21 08:15	11/15/21 23:46	500
m-Xylene & p-Xylene	6.77		1.99		mg/Kg		11/15/21 08:15	11/15/21 23:46	500
o-Xylene	2.32		0.994		mg/Kg		11/15/21 08:15	11/15/21 23:46	500
Xylenes, Total	9.09		1.99		mg/Kg		11/15/21 08:15	11/15/21 23:46	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	11/15/21 08:15	11/15/21 23:46	500
1,4-Difluorobenzene (Surr)	92		70 - 130	11/15/21 08:15	11/15/21 23:46	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	16.1		1.99		mg/Kg			11/16/21 14:23	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3710		49.8		mg/Kg			11/16/21 09:53	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	563		49.8		mg/Kg		11/15/21 08:59	11/15/21 17:36	1
Diesel Range Organics (Over C10-C28)	2860		49.8		mg/Kg		11/15/21 08:59	11/15/21 17:36	1
Oil Range Organics (Over C28-C36)	288		49.8		mg/Kg		11/15/21 08:59	11/15/21 17:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130	11/15/21 08:59	11/15/21 17:36	1
o-Terphenyl	117		70 - 130	11/15/21 08:59	11/15/21 17:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	159		50.1		mg/Kg			11/16/21 10:48	10

Client Sample ID: P172

Lab Sample ID: 890-1564-2

Date Collected: 11/11/21 07:03

Matrix: Solid

Date Received: 11/11/21 10:14

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	10.9		1.01		mg/Kg		11/15/21 08:15	11/16/21 00:06	500
Toluene	56.7		1.01		mg/Kg		11/15/21 08:15	11/16/21 00:06	500
Ethylbenzene	22.3		1.01		mg/Kg		11/15/21 08:15	11/16/21 00:06	500
m-Xylene & p-Xylene	51.6		2.01		mg/Kg		11/15/21 08:15	11/16/21 00:06	500
o-Xylene	17.4		1.01		mg/Kg		11/15/21 08:15	11/16/21 00:06	500
Xylenes, Total	69.0		2.01		mg/Kg		11/15/21 08:15	11/16/21 00:06	500

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: LM Bluestem Oil

Job ID: 890-1564-1

Client Sample ID: P172

Lab Sample ID: 890-1564-2

Date Collected: 11/11/21 07:03

Matrix: Solid

Date Received: 11/11/21 10:14

Sample Depth: 3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130	11/15/21 08:15	11/16/21 00:06	500
1,4-Difluorobenzene (Surr)	112		70 - 130	11/15/21 08:15	11/16/21 00:06	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	159		2.01		mg/Kg			11/16/21 14:23	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	8620		49.7		mg/Kg			11/16/21 09:53	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	2820		49.7		mg/Kg		11/15/21 08:59	11/15/21 17:58	1
Diesel Range Organics (Over C10-C28)	5340		49.7		mg/Kg		11/15/21 08:59	11/15/21 17:58	1
Oil Range Organics (Over C28-C36)	457		49.7		mg/Kg		11/15/21 08:59	11/15/21 17:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	70 - 130				11/15/21 08:59	11/15/21 17:58	1
o-Terphenyl	115		70 - 130				11/15/21 08:59	11/15/21 17:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	38.6		4.97		mg/Kg			11/16/21 01:56	1

Client Sample ID: P138

Lab Sample ID: 890-1564-3

Date Collected: 11/11/21 07:18

Matrix: Solid

Date Received: 11/11/21 10:14

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	15.4		0.996		mg/Kg		11/15/21 08:15	11/16/21 00:26	500
Toluene	86.8		0.996		mg/Kg		11/15/21 08:15	11/16/21 00:26	500
Ethylbenzene	31.7		0.996		mg/Kg		11/15/21 08:15	11/16/21 00:26	500
m-Xylene & p-Xylene	77.5		1.99		mg/Kg		11/15/21 08:15	11/16/21 00:26	500
o-Xylene	22.7		0.996		mg/Kg		11/15/21 08:15	11/16/21 00:26	500
Xylenes, Total	100		1.99		mg/Kg		11/15/21 08:15	11/16/21 00:26	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130				11/15/21 08:15	11/16/21 00:26	500
1,4-Difluorobenzene (Surr)	107		70 - 130				11/15/21 08:15	11/16/21 00:26	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	234		1.99		mg/Kg			11/16/21 14:23	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: LM Bluestem Oil

Job ID: 890-1564-1

Client Sample ID: P138

Lab Sample ID: 890-1564-3

Date Collected: 11/11/21 07:18

Matrix: Solid

Date Received: 11/11/21 10:14

Sample Depth: 3

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	9230		49.8		mg/Kg			11/16/21 09:53	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	4280		49.8		mg/Kg		11/15/21 08:59	11/15/21 18:19	1
Diesel Range Organics (Over C10-C28)	4570		49.8		mg/Kg		11/15/21 08:59	11/15/21 18:19	1
Oil Range Organics (Over C28-C36)	376		49.8		mg/Kg		11/15/21 08:59	11/15/21 18:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	132	S1+	70 - 130				11/15/21 08:59	11/15/21 18:19	1
o-Terphenyl	116		70 - 130				11/15/21 08:59	11/15/21 18:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.827		0.0502		mg/Kg			11/16/21 02:06	1

Client Sample ID: P139

Lab Sample ID: 890-1564-4

Date Collected: 11/11/21 07:22

Matrix: Solid

Date Received: 11/11/21 10:14

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	14.3		1.00		mg/Kg		11/15/21 08:15	11/16/21 00:47	500
Toluene	64.0		1.00		mg/Kg		11/15/21 08:15	11/16/21 00:47	500
Ethylbenzene	22.1		1.00		mg/Kg		11/15/21 08:15	11/16/21 00:47	500
m-Xylene & p-Xylene	49.8		2.00		mg/Kg		11/15/21 08:15	11/16/21 00:47	500
o-Xylene	15.3		1.00		mg/Kg		11/15/21 08:15	11/16/21 00:47	500
Xylenes, Total	65.1		2.00		mg/Kg		11/15/21 08:15	11/16/21 00:47	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130				11/15/21 08:15	11/16/21 00:47	500
1,4-Difluorobenzene (Surr)	106		70 - 130				11/15/21 08:15	11/16/21 00:47	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	166		2.00		mg/Kg			11/16/21 14:23	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	7790		49.9		mg/Kg			11/16/21 09:53	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	3940		49.9		mg/Kg		11/15/21 08:59	11/15/21 18:40	1
Diesel Range Organics (Over C10-C28)	3560		49.9		mg/Kg		11/15/21 08:59	11/15/21 18:40	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: LM Bluestem Oil

Job ID: 890-1564-1

Client Sample ID: P139

Lab Sample ID: 890-1564-4

Date Collected: 11/11/21 07:22

Matrix: Solid

Date Received: 11/11/21 10:14

Sample Depth: 3

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	291		49.9		mg/Kg		11/15/21 08:59	11/15/21 18:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	140	S1+	70 - 130				11/15/21 08:59	11/15/21 18:40	1
o-Terphenyl	131	S1+	70 - 130				11/15/21 08:59	11/15/21 18:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	49.2		4.99		mg/Kg			11/16/21 02:17	1

Client Sample ID: P71

Lab Sample ID: 890-1564-5

Date Collected: 11/11/21 07:47

Matrix: Solid

Date Received: 11/11/21 10:14

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	16.8		0.998		mg/Kg		11/15/21 08:15	11/16/21 01:07	500
Toluene	75.1		0.998		mg/Kg		11/15/21 08:15	11/16/21 01:07	500
Ethylbenzene	27.3		0.998		mg/Kg		11/15/21 08:15	11/16/21 01:07	500
m-Xylene & p-Xylene	67.4		2.00		mg/Kg		11/15/21 08:15	11/16/21 01:07	500
o-Xylene	20.5		0.998		mg/Kg		11/15/21 08:15	11/16/21 01:07	500
Xylenes, Total	87.9		2.00		mg/Kg		11/15/21 08:15	11/16/21 01:07	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				11/15/21 08:15	11/16/21 01:07	500
1,4-Difluorobenzene (Surr)	114		70 - 130				11/15/21 08:15	11/16/21 01:07	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	207		2.00		mg/Kg			11/16/21 14:23	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	9690		49.8		mg/Kg			11/16/21 09:53	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	4050		49.8		mg/Kg		11/15/21 08:59	11/15/21 19:02	1
Diesel Range Organics (Over C10-C28)	5230		49.8		mg/Kg		11/15/21 08:59	11/15/21 19:02	1
Oil Range Organics (Over C28-C36)	408		49.8		mg/Kg		11/15/21 08:59	11/15/21 19:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130				11/15/21 08:59	11/15/21 19:02	1
o-Terphenyl	106		70 - 130				11/15/21 08:59	11/15/21 19:02	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: LM Bluestem Oil

Job ID: 890-1564-1

Client Sample ID: P71

Lab Sample ID: 890-1564-5

Date Collected: 11/11/21 07:47

Matrix: Solid

Date Received: 11/11/21 10:14

Sample Depth: 3

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.2		4.95		mg/Kg			11/16/21 02:27	1

Client Sample ID: P72

Lab Sample ID: 890-1564-6

Date Collected: 11/11/21 07:51

Matrix: Solid

Date Received: 11/11/21 10:14

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	11.2		0.998		mg/Kg		11/15/21 08:15	11/16/21 01:28	500
Toluene	53.6		0.998		mg/Kg		11/15/21 08:15	11/16/21 01:28	500
Ethylbenzene	18.9		0.998		mg/Kg		11/15/21 08:15	11/16/21 01:28	500
m-Xylene & p-Xylene	50.2		2.00		mg/Kg		11/15/21 08:15	11/16/21 01:28	500
o-Xylene	14.3		0.998		mg/Kg		11/15/21 08:15	11/16/21 01:28	500
Xylenes, Total	64.5		2.00		mg/Kg		11/15/21 08:15	11/16/21 01:28	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				11/15/21 08:15	11/16/21 01:28	500
1,4-Difluorobenzene (Surr)	109		70 - 130				11/15/21 08:15	11/16/21 01:28	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	148		2.00		mg/Kg			11/16/21 14:23	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	8560		49.9		mg/Kg			11/16/21 09:53	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	3790		49.9		mg/Kg		11/12/21 15:28	11/14/21 03:34	1
Diesel Range Organics (Over C10-C28)	4280		49.9		mg/Kg		11/12/21 15:28	11/14/21 03:34	1
Oil Range Organics (Over C28-C36)	493		49.9		mg/Kg		11/12/21 15:28	11/14/21 03:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	163	S1+	70 - 130				11/12/21 15:28	11/14/21 03:34	1
o-Terphenyl	113		70 - 130				11/12/21 15:28	11/14/21 03:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	51.7		4.99		mg/Kg			11/16/21 15:30	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: LM Bluestem Oil

Job ID: 890-1564-1

Client Sample ID: P73

Lab Sample ID: 890-1564-7

Date Collected: 11/11/21 07:56

Matrix: Solid

Date Received: 11/11/21 10:14

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	5.06		1.00		mg/Kg		11/15/21 08:15	11/16/21 01:48	500
Toluene	32.0		1.00		mg/Kg		11/15/21 08:15	11/16/21 01:48	500
Ethylbenzene	13.0		1.00		mg/Kg		11/15/21 08:15	11/16/21 01:48	500
m-Xylene & p-Xylene	32.5		2.01		mg/Kg		11/15/21 08:15	11/16/21 01:48	500
o-Xylene	10.3		1.00		mg/Kg		11/15/21 08:15	11/16/21 01:48	500
Xylenes, Total	42.8		2.01		mg/Kg		11/15/21 08:15	11/16/21 01:48	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	11/15/21 08:15	11/16/21 01:48	500
1,4-Difluorobenzene (Surr)	107		70 - 130	11/15/21 08:15	11/16/21 01:48	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	92.9		2.01		mg/Kg			11/16/21 14:23	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	4740		50.0		mg/Kg			11/16/21 09:53	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	1520		50.0		mg/Kg		11/12/21 15:28	11/14/21 03:55	1
Diesel Range Organics (Over C10-C28)	2820		50.0		mg/Kg		11/12/21 15:28	11/14/21 03:55	1
Oil Range Organics (Over C28-C36)	398		50.0		mg/Kg		11/12/21 15:28	11/14/21 03:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	140	S1+	70 - 130	11/12/21 15:28	11/14/21 03:55	1
o-Terphenyl	106		70 - 130	11/12/21 15:28	11/14/21 03:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	63.1		5.04		mg/Kg			11/16/21 16:14	1

Client Sample ID: P74

Lab Sample ID: 890-1564-8

Date Collected: 11/11/21 08:04

Matrix: Solid

Date Received: 11/11/21 10:14

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	7.78		0.994		mg/Kg		11/15/21 08:15	11/16/21 02:08	500
Toluene	42.0		0.994		mg/Kg		11/15/21 08:15	11/16/21 02:08	500
Ethylbenzene	15.2		0.994		mg/Kg		11/15/21 08:15	11/16/21 02:08	500
m-Xylene & p-Xylene	39.6		1.99		mg/Kg		11/15/21 08:15	11/16/21 02:08	500
o-Xylene	11.1		0.994		mg/Kg		11/15/21 08:15	11/16/21 02:08	500
Xylenes, Total	50.7		1.99		mg/Kg		11/15/21 08:15	11/16/21 02:08	500

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: LM Bluestem Oil

Job ID: 890-1564-1

Client Sample ID: P74

Lab Sample ID: 890-1564-8

Date Collected: 11/11/21 08:04

Matrix: Solid

Date Received: 11/11/21 10:14

Sample Depth: 3

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				11/15/21 08:15	11/16/21 02:08	500
1,4-Difluorobenzene (Surr)	107		70 - 130				11/15/21 08:15	11/16/21 02:08	500
Method: Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	116		1.99		mg/Kg			11/16/21 14:23	1
Method: 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	6260		49.9		mg/Kg			11/16/21 09:53	1
Method: 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	2410		49.9		mg/Kg		11/12/21 15:28	11/14/21 04:16	1
Diesel Range Organics (Over C10-C28)	3310		49.9		mg/Kg		11/12/21 15:28	11/14/21 04:16	1
Oil Range Organics (Over C28-C36)	540		49.9		mg/Kg		11/12/21 15:28	11/14/21 04:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	146	S1+	70 - 130				11/12/21 15:28	11/14/21 04:16	1
o-Terphenyl	103		70 - 130				11/12/21 15:28	11/14/21 04:16	1
Method: 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	59.7		4.98		mg/Kg			11/16/21 16:21	1

Client Sample ID: P75

Lab Sample ID: 890-1564-9

Date Collected: 11/11/21 08:09

Matrix: Solid

Date Received: 11/11/21 10:14

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	30.5		1.00		mg/Kg		11/15/21 08:15	11/16/21 04:52	500
Toluene	64.4		1.00		mg/Kg		11/15/21 08:15	11/16/21 04:52	500
Ethylbenzene	29.0		1.00		mg/Kg		11/15/21 08:15	11/16/21 04:52	500
m-Xylene & p-Xylene	46.0		2.01		mg/Kg		11/15/21 08:15	11/16/21 04:52	500
o-Xylene	14.7		1.00		mg/Kg		11/15/21 08:15	11/16/21 04:52	500
Xylenes, Total	60.7		2.01		mg/Kg		11/15/21 08:15	11/16/21 04:52	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				11/15/21 08:15	11/16/21 04:52	500
1,4-Difluorobenzene (Surr)	110		70 - 130				11/15/21 08:15	11/16/21 04:52	500
Method: Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	185		2.01		mg/Kg			11/16/21 14:23	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: LM Bluestem Oil

Job ID: 890-1564-1

Client Sample ID: P75

Lab Sample ID: 890-1564-9

Date Collected: 11/11/21 08:09

Matrix: Solid

Date Received: 11/11/21 10:14

Sample Depth: 3

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	7720		50.0		mg/Kg			11/16/21 09:53	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	2980		50.0		mg/Kg		11/12/21 15:28	11/14/21 04:38	1
Diesel Range Organics (Over C10-C28)	4300		50.0		mg/Kg		11/12/21 15:28	11/14/21 04:38	1
Oil Range Organics (Over C28-C36)	438		50.0		mg/Kg		11/12/21 15:28	11/14/21 04:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	147	S1+	70 - 130				11/12/21 15:28	11/14/21 04:38	1
o-Terphenyl	109		70 - 130				11/12/21 15:28	11/14/21 04:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	62.7		4.95		mg/Kg			11/16/21 16:29	1

Client Sample ID: P76

Lab Sample ID: 890-1564-10

Date Collected: 11/11/21 08:45

Matrix: Solid

Date Received: 11/11/21 10:14

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	7.30		1.00		mg/Kg		11/15/21 08:15	11/16/21 05:12	500
Toluene	35.1		1.00		mg/Kg		11/15/21 08:15	11/16/21 05:12	500
Ethylbenzene	15.7		1.00		mg/Kg		11/15/21 08:15	11/16/21 05:12	500
m-Xylene & p-Xylene	34.4		2.01		mg/Kg		11/15/21 08:15	11/16/21 05:12	500
o-Xylene	10.2		1.00		mg/Kg		11/15/21 08:15	11/16/21 05:12	500
Xylenes, Total	44.6		2.01		mg/Kg		11/15/21 08:15	11/16/21 05:12	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				11/15/21 08:15	11/16/21 05:12	500
1,4-Difluorobenzene (Surr)	106		70 - 130				11/15/21 08:15	11/16/21 05:12	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	103		2.01		mg/Kg			11/16/21 14:23	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	4190		49.8		mg/Kg			11/16/21 09:53	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	1400		49.8		mg/Kg		11/12/21 15:28	11/14/21 04:59	1
Diesel Range Organics (Over C10-C28)	2540		49.8		mg/Kg		11/12/21 15:28	11/14/21 04:59	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: LM Bluestem Oil

Job ID: 890-1564-1

Client Sample ID: P76

Lab Sample ID: 890-1564-10

Date Collected: 11/11/21 08:45

Matrix: Solid

Date Received: 11/11/21 10:14

Sample Depth: 3

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	249		49.8		mg/Kg		11/12/21 15:28	11/14/21 04:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	146	S1+	70 - 130				11/12/21 15:28	11/14/21 04:59	1
o-Terphenyl	116		70 - 130				11/12/21 15:28	11/14/21 04:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	112		5.02		mg/Kg			11/16/21 16:56	1

Client Sample ID: P77

Lab Sample ID: 890-1564-11

Date Collected: 11/11/21 08:50

Matrix: Solid

Date Received: 11/11/21 10:14

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	3.32		1.00		mg/Kg		11/15/21 08:15	11/16/21 05:32	500
Toluene	22.0		1.00		mg/Kg		11/15/21 08:15	11/16/21 05:32	500
Ethylbenzene	10.7		1.00		mg/Kg		11/15/21 08:15	11/16/21 05:32	500
m-Xylene & p-Xylene	22.7		2.00		mg/Kg		11/15/21 08:15	11/16/21 05:32	500
o-Xylene	7.55		1.00		mg/Kg		11/15/21 08:15	11/16/21 05:32	500
Xylenes, Total	30.3		2.00		mg/Kg		11/15/21 08:15	11/16/21 05:32	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				11/15/21 08:15	11/16/21 05:32	500
1,4-Difluorobenzene (Surr)	99		70 - 130				11/15/21 08:15	11/16/21 05:32	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	66.3		2.00		mg/Kg			11/16/21 14:23	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	6600		49.9		mg/Kg			11/16/21 09:53	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	1600		49.9		mg/Kg		11/12/21 15:28	11/14/21 05:20	1
Diesel Range Organics (Over C10-C28)	4550		49.9		mg/Kg		11/12/21 15:28	11/14/21 05:20	1
Oil Range Organics (Over C28-C36)	448		49.9		mg/Kg		11/12/21 15:28	11/14/21 05:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	148	S1+	70 - 130				11/12/21 15:28	11/14/21 05:20	1
o-Terphenyl	117		70 - 130				11/12/21 15:28	11/14/21 05:20	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: LM Bluestem Oil

Job ID: 890-1564-1

Client Sample ID: P77

Lab Sample ID: 890-1564-11

Date Collected: 11/11/21 08:50

Matrix: Solid

Date Received: 11/11/21 10:14

Sample Depth: 3

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	111		4.99		mg/Kg			11/16/21 17:18	1

Client Sample ID: P44R

Lab Sample ID: 890-1564-12

Date Collected: 11/11/21 09:04

Matrix: Solid

Date Received: 11/11/21 10:14

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	27.0		0.990		mg/Kg		11/15/21 08:15	11/16/21 05:53	500
Toluene	122		0.990		mg/Kg		11/15/21 08:15	11/16/21 05:53	500
Ethylbenzene	48.3		0.990		mg/Kg		11/15/21 08:15	11/16/21 05:53	500
m-Xylene & p-Xylene	107		1.98		mg/Kg		11/15/21 08:15	11/16/21 05:53	500
o-Xylene	34.6		0.990		mg/Kg		11/15/21 08:15	11/16/21 05:53	500
Xylenes, Total	142		1.98		mg/Kg		11/15/21 08:15	11/16/21 05:53	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	166	S1+	70 - 130				11/15/21 08:15	11/16/21 05:53	500
1,4-Difluorobenzene (Surr)	113		70 - 130				11/15/21 08:15	11/16/21 05:53	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	339		1.98		mg/Kg			11/16/21 14:23	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	25500		499		mg/Kg			11/16/21 09:53	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	8310		499		mg/Kg		11/12/21 15:28	11/14/21 05:42	10
Diesel Range Organics (Over C10-C28)	15900		499		mg/Kg		11/12/21 15:28	11/14/21 05:42	10
Oil Range Organics (Over C28-C36)	1310		499		mg/Kg		11/12/21 15:28	11/14/21 05:42	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	207	S1+	70 - 130				11/12/21 15:28	11/14/21 05:42	10
o-Terphenyl	175	S1+	70 - 130				11/12/21 15:28	11/14/21 05:42	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96.4		4.95		mg/Kg			11/16/21 17:26	1

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: LM Bluestem Oil

Job ID: 890-1564-1

Client Sample ID: Burm #7

Lab Sample ID: 890-1564-13

Date Collected: 11/11/21 09:10

Matrix: Solid

Date Received: 11/11/21 10:14

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	29.6		1.01		mg/Kg		11/15/21 08:15	11/16/21 06:13	500
Toluene	143		1.01		mg/Kg		11/15/21 08:15	11/16/21 06:13	500
Ethylbenzene	52.1		1.01		mg/Kg		11/15/21 08:15	11/16/21 06:13	500
m-Xylene & p-Xylene	116		2.01		mg/Kg		11/15/21 08:15	11/16/21 06:13	500
o-Xylene	37.2		1.01		mg/Kg		11/15/21 08:15	11/16/21 06:13	500
Xylenes, Total	153		2.01		mg/Kg		11/15/21 08:15	11/16/21 06:13	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	153	S1+	70 - 130	11/15/21 08:15	11/16/21 06:13	500
1,4-Difluorobenzene (Surr)	106		70 - 130	11/15/21 08:15	11/16/21 06:13	500

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	378		2.01		mg/Kg			11/16/21 14:23	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	18700		249		mg/Kg			11/16/21 09:53	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	6940		249		mg/Kg		11/12/21 15:28	11/14/21 06:03	5
Diesel Range Organics (Over C10-C28)	10700		249		mg/Kg		11/12/21 15:28	11/14/21 06:03	5
Oil Range Organics (Over C28-C36)	1060		249		mg/Kg		11/12/21 15:28	11/14/21 06:03	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	184	S1+	70 - 130	11/12/21 15:28	11/14/21 06:03	5
o-Terphenyl	118		70 - 130	11/12/21 15:28	11/14/21 06:03	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	99.4		4.98		mg/Kg			11/16/21 17:33	1

Client Sample ID: Burm #2

Lab Sample ID: 890-1564-14

Date Collected: 11/11/21 09:15

Matrix: Solid

Date Received: 11/11/21 10:14

Sample Depth: 3

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	45.3		1.00		mg/Kg		11/15/21 08:15	11/16/21 06:34	500
Toluene	151		1.00		mg/Kg		11/15/21 08:15	11/16/21 06:34	500
Ethylbenzene	46.3		1.00		mg/Kg		11/15/21 08:15	11/16/21 06:34	500
m-Xylene & p-Xylene	109		2.00		mg/Kg		11/15/21 08:15	11/16/21 06:34	500
o-Xylene	35.2		1.00		mg/Kg		11/15/21 08:15	11/16/21 06:34	500
Xylenes, Total	144		2.00		mg/Kg		11/15/21 08:15	11/16/21 06:34	500

Eurofins Xenco, Carlsbad

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: LM Bluestem Oil

Job ID: 890-1564-1

Client Sample ID: Burm #2

Lab Sample ID: 890-1564-14

Date Collected: 11/11/21 09:15

Matrix: Solid

Date Received: 11/11/21 10:14

Sample Depth: 3

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				11/15/21 08:15	11/16/21 06:34	500
1,4-Difluorobenzene (Surr)	107		70 - 130				11/15/21 08:15	11/16/21 06:34	500
Method: Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	387		2.00		mg/Kg			11/16/21 14:23	1
Method: 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	23700		249		mg/Kg			11/16/21 09:53	1
Method: 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	7640		249		mg/Kg		11/12/21 15:28	11/14/21 06:24	5
Diesel Range Organics (Over C10-C28)	14500		249		mg/Kg		11/12/21 15:28	11/14/21 06:24	5
Oil Range Organics (Over C28-C36)	1560		249		mg/Kg		11/12/21 15:28	11/14/21 06:24	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	200	S1+	70 - 130				11/12/21 15:28	11/14/21 06:24	5
o-Terphenyl	130		70 - 130				11/12/21 15:28	11/14/21 06:24	5
Method: 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	178		4.96		mg/Kg			11/16/21 17:41	1

Eurofins Xenco, Carlsbad

Surrogate Summary

Client: Resolute Compliance LLC
Project/Site: LM Bluestem Oil

Job ID: 890-1564-1

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	BFB1	DFBZ1				
		(70-130)	(70-130)				
890-1561-A-23-C MS	Matrix Spike	119	105				
890-1561-A-23-D MSD	Matrix Spike Duplicate	120	99				
890-1564-1	P171	119	92				
890-1564-2	P172	135 S1+	112				
890-1564-3	P138	141 S1+	107				
890-1564-4	P139	133 S1+	106				
890-1564-5	P71	144 S1+	114				
890-1564-6	P72	122	109				
890-1564-7	P73	119	107				
890-1564-8	P74	126	107				
890-1564-9	P75	113	110				
890-1564-10	P76	109	106				
890-1564-11	P77	114	99				
890-1564-12	P44R	166 S1+	113				
890-1564-13	Burm #7	153 S1+	106				
890-1564-14	Burm #2	144 S1+	107				
LCS 880-12026/1-A	Lab Control Sample	113	103				
LCSD 880-12026/2-A	Lab Control Sample Dup	125	108				
MB 880-12026/5-A	Method Blank	117	101				
MB 880-12215/5-A	Method Blank	113	93				
Surrogate Legend							
BFB = 4-Bromofluorobenzene (Surr)							
DFBZ = 1,4-Difluorobenzene (Surr)							

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	1CO1	OTPH1				
		(70-130)	(70-130)				
890-1563-A-48-C MS	Matrix Spike	132 S1+	104				
890-1563-A-48-D MSD	Matrix Spike Duplicate	128	97				
890-1564-1	P171	118	117				
890-1564-2	P172	131 S1+	115				
890-1564-3	P138	132 S1+	116				
890-1564-4	P139	140 S1+	131 S1+				
890-1564-5	P71	126	106				
890-1564-6	P72	163 S1+	113				
890-1564-7	P73	140 S1+	106				
890-1564-8	P74	146 S1+	103				
890-1564-9	P75	147 S1+	109				
890-1564-10	P76	146 S1+	116				
890-1564-11	P77	148 S1+	117				
890-1564-12	P44R	207 S1+	175 S1+				
890-1564-13	Burm #7	184 S1+	118				
890-1564-14	Burm #2	200 S1+	130				
890-1570-A-1-F MS	Matrix Spike	103	99				
890-1570-A-1-G MSD	Matrix Spike Duplicate	112	109				
LCS 880-12161/2-A	Lab Control Sample	97	103				

Eurofins Xenco, Carlsbad

Surrogate Summary

Client: Resolute Compliance LLC

Project/Site: LM Bluestem Oil

Job ID: 890-1564-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
LCS 880-12224/2-A	Lab Control Sample	83	83
LCSD 880-12161/3-A	Lab Control Sample Dup	98	103
LCSD 880-12224/3-A	Lab Control Sample Dup	156 S1+	161 S1+
MB 880-12161/1-A	Method Blank	131 S1+	146 S1+
MB 880-12224/1-A	Method Blank	107	117
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: LM Bluestem Oil

Job ID: 890-1564-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-12026/5-A

Matrix: Solid

Analysis Batch: 12219

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12026

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/15/21 08:15	11/15/21 22:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/15/21 08:15	11/15/21 22:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/15/21 08:15	11/15/21 22:43	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/15/21 08:15	11/15/21 22:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/15/21 08:15	11/15/21 22:43	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/15/21 08:15	11/15/21 22:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	11/15/21 08:15	11/15/21 22:43	1
1,4-Difluorobenzene (Surr)	101		70 - 130	11/15/21 08:15	11/15/21 22:43	1

Lab Sample ID: LCS 880-12026/1-A

Matrix: Solid

Analysis Batch: 12219

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12026

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1028		mg/Kg		103	70 - 130
Toluene	0.100	0.09203		mg/Kg		92	70 - 130
Ethylbenzene	0.100	0.09055		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	0.200	0.1920		mg/Kg		96	70 - 130
o-Xylene	0.100	0.09593		mg/Kg		96	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-12026/2-A

Matrix: Solid

Analysis Batch: 12219

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 12026

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.1043		mg/Kg		104	70 - 130	1	35
Toluene	0.100	0.09372		mg/Kg		94	70 - 130	2	35
Ethylbenzene	0.100	0.09504		mg/Kg		95	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1983		mg/Kg		99	70 - 130	3	35
o-Xylene	0.100	0.09931		mg/Kg		99	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	125		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 890-1561-A-23-C MS

Matrix: Solid

Analysis Batch: 12219

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 12026

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U	0.101	0.07911		mg/Kg		77	70 - 130
Toluene	0.00294	F1	0.101	0.07313		mg/Kg		70	70 - 130

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: LM Bluestem Oil

Job ID: 890-1564-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-1561-A-23-C MS

Matrix: Solid

Analysis Batch: 12219

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 12026

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	<0.00199	U	0.101	0.07134		mg/Kg		71	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.202	0.1507		mg/Kg		75	70 - 130
o-Xylene	<0.00199	U	0.101	0.07438		mg/Kg		73	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 890-1561-A-23-D MSD

Matrix: Solid

Analysis Batch: 12219

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 12026

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.0996	0.07143		mg/Kg		70	70 - 130	10	35
Toluene	0.00294	F1	0.0996	0.06778	F1	mg/Kg		65	70 - 130	8	35
Ethylbenzene	<0.00199	U	0.0996	0.07027		mg/Kg		71	70 - 130	2	35
m-Xylene & p-Xylene	<0.00398	U	0.199	0.1478		mg/Kg		74	70 - 130	2	35
o-Xylene	<0.00199	U	0.0996	0.07266		mg/Kg		72	70 - 130	2	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-12215/5-A

Matrix: Solid

Analysis Batch: 12219

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12215

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/15/21 08:07	11/15/21 11:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/15/21 08:07	11/15/21 11:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/15/21 08:07	11/15/21 11:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/15/21 08:07	11/15/21 11:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/15/21 08:07	11/15/21 11:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/15/21 08:07	11/15/21 11:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	11/15/21 08:07	11/15/21 11:50	1
1,4-Difluorobenzene (Surr)	93		70 - 130	11/15/21 08:07	11/15/21 11:50	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-12161/1-A

Matrix: Solid

Analysis Batch: 12189

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12161

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/12/21 15:28	11/13/21 21:32	1

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: LM Bluestem Oil

Job ID: 890-1564-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-12161/1-A

Matrix: Solid

Analysis Batch: 12189

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12161

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/12/21 15:28	11/13/21 21:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/12/21 15:28	11/13/21 21:32	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	70 - 130				11/12/21 15:28	11/13/21 21:32	1
o-Terphenyl	146	S1+	70 - 130				11/12/21 15:28	11/13/21 21:32	1

Lab Sample ID: LCS 880-12161/2-A

Matrix: Solid

Analysis Batch: 12189

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12161

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1095		mg/Kg		109	70 - 130
Diesel Range Organics (Over C10-C28)	1000	885.1		mg/Kg		89	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	97		70 - 130				
o-Terphenyl	103		70 - 130				

Lab Sample ID: LCSD 880-12161/3-A

Matrix: Solid

Analysis Batch: 12189

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 12161

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1134		mg/Kg		113	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	877.5		mg/Kg		88	70 - 130	1	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	98		70 - 130						
o-Terphenyl	103		70 - 130						

Lab Sample ID: 890-1563-A-48-C MS

Matrix: Solid

Analysis Batch: 12189

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 12161

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	543		997	1695		mg/Kg		116	70 - 130
Diesel Range Organics (Over C10-C28)	1960		997	3034		mg/Kg		108	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	132	S1+	70 - 130						
o-Terphenyl	104		70 - 130						

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: LM Bluestem Oil

Job ID: 890-1564-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-1563-A-48-D MSD

Matrix: Solid

Analysis Batch: 12189

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 12161

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	543		998	1725		mg/Kg		118	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1960		998	2695		mg/Kg		74	70 - 130	12	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	128		70 - 130								
o-Terphenyl	97		70 - 130								

Lab Sample ID: MB 880-12224/1-A

Matrix: Solid

Analysis Batch: 12235

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 12224

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/15/21 08:59	11/15/21 11:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/15/21 08:59	11/15/21 11:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/15/21 08:59	11/15/21 11:55	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				11/15/21 08:59	11/15/21 11:55	1
o-Terphenyl	117		70 - 130				11/15/21 08:59	11/15/21 11:55	1

Lab Sample ID: LCS 880-12224/2-A

Matrix: Solid

Analysis Batch: 12235

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 12224

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	1095		mg/Kg		109	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	920.3		mg/Kg		92	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	83		70 - 130						
o-Terphenyl	83		70 - 130						

Lab Sample ID: LCSD 880-12224/3-A

Matrix: Solid

Analysis Batch: 12235

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 12224

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1261		mg/Kg		126	70 - 130	14	20
Diesel Range Organics (Over C10-C28)	1000	1118		mg/Kg		112	70 - 130	19	20

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: LM Bluestem Oil

Job ID: 890-1564-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-12224/3-A

Matrix: Solid

Analysis Batch: 12235

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 12224

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	156	S1+	70 - 130
o-Terphenyl	161	S1+	70 - 130

Lab Sample ID: 890-1570-A-1-F MS

Matrix: Solid

Analysis Batch: 12235

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 12224

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	997	1596	F1	mg/Kg		160	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.9	U	997	1020		mg/Kg		100	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	103		70 - 130							
o-Terphenyl	99		70 - 130							

Lab Sample ID: 890-1570-A-1-G MSD

Matrix: Solid

Analysis Batch: 12235

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 12224

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	998	1762	F1	mg/Kg		177	70 - 130	10	20	
Diesel Range Organics (Over C10-C28)	<49.9	U	998	1114		mg/Kg		110	70 - 130	9	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	112		70 - 130									
o-Terphenyl	109		70 - 130									

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-12274/1-A

Matrix: Solid

Analysis Batch: 12339

Client Sample ID: Method Blank

Prep Type: Soluble

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	<5.00	U	5.00		mg/Kg			11/15/21 21:15	1	

Lab Sample ID: LCS 880-12274/2-A

Matrix: Solid

Analysis Batch: 12339

Client Sample ID: Lab Control Sample

Prep Type: Soluble

	Spike	LCS	LCS						%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Chloride	250	245.0		mg/Kg		98	90 - 110			

Eurofins Xenco, Carlsbad

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: LM Bluestem Oil

Job ID: 890-1564-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-12274/3-A

Matrix: Solid

Analysis Batch: 12339

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	244.1		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-8298-A-11-I MS

Matrix: Solid

Analysis Batch: 12339

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	76.4		248	343.2		mg/Kg		108	90 - 110		

Lab Sample ID: 880-8298-A-11-J MSD

Matrix: Solid

Analysis Batch: 12339

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	76.4		248	339.0		mg/Kg		106	90 - 110	1	20

Lab Sample ID: MB 880-12431/1-A

Matrix: Solid

Analysis Batch: 12477

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			11/16/21 15:08	1

Lab Sample ID: LCS 880-12431/2-A

Matrix: Solid

Analysis Batch: 12477

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	262.2		mg/Kg		105	90 - 110		

Lab Sample ID: LCSD 880-12431/3-A

Matrix: Solid

Analysis Batch: 12477

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	262.8		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 890-1564-6 MS

Matrix: Solid

Analysis Batch: 12477

Client Sample ID: P72

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	51.7		250	318.5		mg/Kg		107	90 - 110		

Lab Sample ID: 890-1564-6 MSD

Matrix: Solid

Analysis Batch: 12477

Client Sample ID: P72

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	51.7		250	311.3		mg/Kg		104	90 - 110	2	20

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: LM Bluestem Oil

Job ID: 890-1564-1

GC VOA

Prep Batch: 12026

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1564-1	P171	Total/NA	Solid	5035	
890-1564-2	P172	Total/NA	Solid	5035	
890-1564-3	P138	Total/NA	Solid	5035	
890-1564-4	P139	Total/NA	Solid	5035	
890-1564-5	P71	Total/NA	Solid	5035	
890-1564-6	P72	Total/NA	Solid	5035	
890-1564-7	P73	Total/NA	Solid	5035	
890-1564-8	P74	Total/NA	Solid	5035	
890-1564-9	P75	Total/NA	Solid	5035	
890-1564-10	P76	Total/NA	Solid	5035	
890-1564-11	P77	Total/NA	Solid	5035	
890-1564-12	P44R	Total/NA	Solid	5035	
890-1564-13	Burm #7	Total/NA	Solid	5035	
890-1564-14	Burm #2	Total/NA	Solid	5035	
MB 880-12026/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-12026/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-12026/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1561-A-23-C MS	Matrix Spike	Total/NA	Solid	5035	
890-1561-A-23-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 12215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-12215/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 12219

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1564-1	P171	Total/NA	Solid	8021B	12026
890-1564-2	P172	Total/NA	Solid	8021B	12026
890-1564-3	P138	Total/NA	Solid	8021B	12026
890-1564-4	P139	Total/NA	Solid	8021B	12026
890-1564-5	P71	Total/NA	Solid	8021B	12026
890-1564-6	P72	Total/NA	Solid	8021B	12026
890-1564-7	P73	Total/NA	Solid	8021B	12026
890-1564-8	P74	Total/NA	Solid	8021B	12026
890-1564-9	P75	Total/NA	Solid	8021B	12026
890-1564-10	P76	Total/NA	Solid	8021B	12026
890-1564-11	P77	Total/NA	Solid	8021B	12026
890-1564-12	P44R	Total/NA	Solid	8021B	12026
890-1564-13	Burm #7	Total/NA	Solid	8021B	12026
890-1564-14	Burm #2	Total/NA	Solid	8021B	12026
MB 880-12026/5-A	Method Blank	Total/NA	Solid	8021B	12026
MB 880-12215/5-A	Method Blank	Total/NA	Solid	8021B	12215
LCS 880-12026/1-A	Lab Control Sample	Total/NA	Solid	8021B	12026
LCSD 880-12026/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	12026
890-1561-A-23-C MS	Matrix Spike	Total/NA	Solid	8021B	12026
890-1561-A-23-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	12026

Analysis Batch: 12338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1564-1	P171	Total/NA	Solid	Total BTEX	
890-1564-2	P172	Total/NA	Solid	Total BTEX	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: LM Bluestem Oil

Job ID: 890-1564-1

GC VOA (Continued)

Analysis Batch: 12338 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1564-3	P138	Total/NA	Solid	Total BTEX	
890-1564-4	P139	Total/NA	Solid	Total BTEX	
890-1564-5	P71	Total/NA	Solid	Total BTEX	
890-1564-6	P72	Total/NA	Solid	Total BTEX	
890-1564-7	P73	Total/NA	Solid	Total BTEX	
890-1564-8	P74	Total/NA	Solid	Total BTEX	
890-1564-9	P75	Total/NA	Solid	Total BTEX	
890-1564-10	P76	Total/NA	Solid	Total BTEX	
890-1564-11	P77	Total/NA	Solid	Total BTEX	
890-1564-12	P44R	Total/NA	Solid	Total BTEX	
890-1564-13	Burm #7	Total/NA	Solid	Total BTEX	
890-1564-14	Burm #2	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 12161

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1564-6	P72	Total/NA	Solid	8015NM Prep	
890-1564-7	P73	Total/NA	Solid	8015NM Prep	
890-1564-8	P74	Total/NA	Solid	8015NM Prep	
890-1564-9	P75	Total/NA	Solid	8015NM Prep	
890-1564-10	P76	Total/NA	Solid	8015NM Prep	
890-1564-11	P77	Total/NA	Solid	8015NM Prep	
890-1564-12	P44R	Total/NA	Solid	8015NM Prep	
890-1564-13	Burm #7	Total/NA	Solid	8015NM Prep	
890-1564-14	Burm #2	Total/NA	Solid	8015NM Prep	
MB 880-12161/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-12161/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-12161/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1563-A-48-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-1563-A-48-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 12189

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1564-6	P72	Total/NA	Solid	8015B NM	12161
890-1564-7	P73	Total/NA	Solid	8015B NM	12161
890-1564-8	P74	Total/NA	Solid	8015B NM	12161
890-1564-9	P75	Total/NA	Solid	8015B NM	12161
890-1564-10	P76	Total/NA	Solid	8015B NM	12161
890-1564-11	P77	Total/NA	Solid	8015B NM	12161
890-1564-12	P44R	Total/NA	Solid	8015B NM	12161
890-1564-13	Burm #7	Total/NA	Solid	8015B NM	12161
890-1564-14	Burm #2	Total/NA	Solid	8015B NM	12161
MB 880-12161/1-A	Method Blank	Total/NA	Solid	8015B NM	12161
LCS 880-12161/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	12161
LCSD 880-12161/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	12161
890-1563-A-48-C MS	Matrix Spike	Total/NA	Solid	8015B NM	12161
890-1563-A-48-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	12161

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: LM Bluestem Oil

Job ID: 890-1564-1

GC Semi VOA

Prep Batch: 12224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1564-1	P171	Total/NA	Solid	8015NM Prep	
890-1564-2	P172	Total/NA	Solid	8015NM Prep	
890-1564-3	P138	Total/NA	Solid	8015NM Prep	
890-1564-4	P139	Total/NA	Solid	8015NM Prep	
890-1564-5	P71	Total/NA	Solid	8015NM Prep	
MB 880-12224/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-12224/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-12224/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1570-A-1-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-1570-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 12235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1564-1	P171	Total/NA	Solid	8015B NM	12224
890-1564-2	P172	Total/NA	Solid	8015B NM	12224
890-1564-3	P138	Total/NA	Solid	8015B NM	12224
890-1564-4	P139	Total/NA	Solid	8015B NM	12224
890-1564-5	P71	Total/NA	Solid	8015B NM	12224
MB 880-12224/1-A	Method Blank	Total/NA	Solid	8015B NM	12224
LCS 880-12224/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	12224
LCSD 880-12224/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	12224
890-1570-A-1-F MS	Matrix Spike	Total/NA	Solid	8015B NM	12224
890-1570-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	12224

Analysis Batch: 12429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1564-1	P171	Total/NA	Solid	8015 NM	
890-1564-2	P172	Total/NA	Solid	8015 NM	
890-1564-3	P138	Total/NA	Solid	8015 NM	
890-1564-4	P139	Total/NA	Solid	8015 NM	
890-1564-5	P71	Total/NA	Solid	8015 NM	
890-1564-6	P72	Total/NA	Solid	8015 NM	
890-1564-7	P73	Total/NA	Solid	8015 NM	
890-1564-8	P74	Total/NA	Solid	8015 NM	
890-1564-9	P75	Total/NA	Solid	8015 NM	
890-1564-10	P76	Total/NA	Solid	8015 NM	
890-1564-11	P77	Total/NA	Solid	8015 NM	
890-1564-12	P44R	Total/NA	Solid	8015 NM	
890-1564-13	Burm #7	Total/NA	Solid	8015 NM	
890-1564-14	Burm #2	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 12274

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1564-1	P171	Soluble	Solid	DI Leach	
890-1564-2	P172	Soluble	Solid	DI Leach	
890-1564-3	P138	Soluble	Solid	DI Leach	
890-1564-4	P139	Soluble	Solid	DI Leach	
890-1564-5	P71	Soluble	Solid	DI Leach	
MB 880-12274/1-A	Method Blank	Soluble	Solid	DI Leach	

Eurofins Xenco, Carlsbad

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: LM Bluestem Oil

Job ID: 890-1564-1

HPLC/IC (Continued)

Leach Batch: 12274 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-12274/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-12274/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-8298-A-11-I MS	Matrix Spike	Soluble	Solid	DI Leach	
880-8298-A-11-J MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 12339

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1564-1	P171	Soluble	Solid	300.0	12274
890-1564-2	P172	Soluble	Solid	300.0	12274
890-1564-3	P138	Soluble	Solid	300.0	12274
890-1564-4	P139	Soluble	Solid	300.0	12274
890-1564-5	P71	Soluble	Solid	300.0	12274
MB 880-12274/1-A	Method Blank	Soluble	Solid	300.0	12274
LCS 880-12274/2-A	Lab Control Sample	Soluble	Solid	300.0	12274
LCSD 880-12274/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	12274
880-8298-A-11-I MS	Matrix Spike	Soluble	Solid	300.0	12274
880-8298-A-11-J MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	12274

Leach Batch: 12431

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1564-6	P72	Soluble	Solid	DI Leach	
890-1564-7	P73	Soluble	Solid	DI Leach	
890-1564-8	P74	Soluble	Solid	DI Leach	
890-1564-9	P75	Soluble	Solid	DI Leach	
890-1564-10	P76	Soluble	Solid	DI Leach	
890-1564-11	P77	Soluble	Solid	DI Leach	
890-1564-12	P44R	Soluble	Solid	DI Leach	
890-1564-13	Burm #7	Soluble	Solid	DI Leach	
890-1564-14	Burm #2	Soluble	Solid	DI Leach	
MB 880-12431/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-12431/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-12431/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1564-6 MS	P72	Soluble	Solid	DI Leach	
890-1564-6 MSD	P72	Soluble	Solid	DI Leach	

Analysis Batch: 12477

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1564-6	P72	Soluble	Solid	300.0	12431
890-1564-7	P73	Soluble	Solid	300.0	12431
890-1564-8	P74	Soluble	Solid	300.0	12431
890-1564-9	P75	Soluble	Solid	300.0	12431
890-1564-10	P76	Soluble	Solid	300.0	12431
890-1564-11	P77	Soluble	Solid	300.0	12431
890-1564-12	P44R	Soluble	Solid	300.0	12431
890-1564-13	Burm #7	Soluble	Solid	300.0	12431
890-1564-14	Burm #2	Soluble	Solid	300.0	12431
MB 880-12431/1-A	Method Blank	Soluble	Solid	300.0	12431
LCS 880-12431/2-A	Lab Control Sample	Soluble	Solid	300.0	12431
LCSD 880-12431/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	12431
890-1564-6 MS	P72	Soluble	Solid	300.0	12431
890-1564-6 MSD	P72	Soluble	Solid	300.0	12431

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: LM Bluestem Oil

Job ID: 890-1564-1

Client Sample ID: P171

Lab Sample ID: 890-1564-1

Date Collected: 11/11/21 06:52

Matrix: Solid

Date Received: 11/11/21 10:14

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	12026	11/15/21 08:15	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12219	11/15/21 23:46	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:23	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	12224	11/15/21 08:59	DM	XEN MID
Total/NA	Analysis	8015B NM		1			12235	11/15/21 17:36	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	12274	11/15/21 10:52	CA	XEN MID
Soluble	Analysis	300.0		10			12339	11/16/21 10:48	CH	XEN MID

Client Sample ID: P172

Lab Sample ID: 890-1564-2

Date Collected: 11/11/21 07:03

Matrix: Solid

Date Received: 11/11/21 10:14

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	12026	11/15/21 08:15	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12219	11/16/21 00:06	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:23	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	12224	11/15/21 08:59	DM	XEN MID
Total/NA	Analysis	8015B NM		1			12235	11/15/21 17:58	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	12274	11/15/21 10:52	CA	XEN MID
Soluble	Analysis	300.0		1			12339	11/16/21 01:56	CH	XEN MID

Client Sample ID: P138

Lab Sample ID: 890-1564-3

Date Collected: 11/11/21 07:18

Matrix: Solid

Date Received: 11/11/21 10:14

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	12026	11/15/21 08:15	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12219	11/16/21 00:26	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:23	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	12224	11/15/21 08:59	DM	XEN MID
Total/NA	Analysis	8015B NM		1			12235	11/15/21 18:19	AJ	XEN MID
Soluble	Leach	DI Leach			498 g	50 mL	12274	11/15/21 10:52	CA	XEN MID
Soluble	Analysis	300.0		1			12339	11/16/21 02:06	CH	XEN MID

Client Sample ID: P139

Lab Sample ID: 890-1564-4

Date Collected: 11/11/21 07:22

Matrix: Solid

Date Received: 11/11/21 10:14

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	12026	11/15/21 08:15	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12219	11/16/21 00:47	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:23	AJ	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: LM Bluestem Oil

Job ID: 890-1564-1

Client Sample ID: P139

Lab Sample ID: 890-1564-4

Date Collected: 11/11/21 07:22

Matrix: Solid

Date Received: 11/11/21 10:14

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	12224	11/15/21 08:59	DM	XEN MID
Total/NA	Analysis	8015B NM		1			12235	11/15/21 18:40	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	12274	11/15/21 10:52	CA	XEN MID
Soluble	Analysis	300.0		1			12339	11/16/21 02:17	CH	XEN MID

Client Sample ID: P71

Lab Sample ID: 890-1564-5

Date Collected: 11/11/21 07:47

Matrix: Solid

Date Received: 11/11/21 10:14

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	12026	11/15/21 08:15	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12219	11/16/21 01:07	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:23	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	12224	11/15/21 08:59	DM	XEN MID
Total/NA	Analysis	8015B NM		1			12235	11/15/21 19:02	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	12274	11/15/21 10:52	CA	XEN MID
Soluble	Analysis	300.0		1			12339	11/16/21 02:27	CH	XEN MID

Client Sample ID: P72

Lab Sample ID: 890-1564-6

Date Collected: 11/11/21 07:51

Matrix: Solid

Date Received: 11/11/21 10:14

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	12026	11/15/21 08:15	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12219	11/16/21 01:28	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:23	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	12161	11/12/21 15:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			12189	11/14/21 03:34	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	12431	11/16/21 12:00	CH	XEN MID
Soluble	Analysis	300.0		1			12477	11/16/21 15:30	CH	XEN MID

Client Sample ID: P73

Lab Sample ID: 890-1564-7

Date Collected: 11/11/21 07:56

Matrix: Solid

Date Received: 11/11/21 10:14

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	12026	11/15/21 08:15	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12219	11/16/21 01:48	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:23	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	12161	11/12/21 15:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			12189	11/14/21 03:55	AJ	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: LM Bluestem Oil

Job ID: 890-1564-1

Client Sample ID: P73

Lab Sample ID: 890-1564-7

Date Collected: 11/11/21 07:56

Matrix: Solid

Date Received: 11/11/21 10:14

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	12431	11/16/21 12:00	CH	XEN MID
Soluble	Analysis	300.0		1			12477	11/16/21 16:14	CH	XEN MID

Client Sample ID: P74

Lab Sample ID: 890-1564-8

Date Collected: 11/11/21 08:04

Matrix: Solid

Date Received: 11/11/21 10:14

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	12026	11/15/21 08:15	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12219	11/16/21 02:08	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:23	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	12161	11/12/21 15:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			12189	11/14/21 04:16	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	12431	11/16/21 12:00	CH	XEN MID
Soluble	Analysis	300.0		1			12477	11/16/21 16:21	CH	XEN MID

Client Sample ID: P75

Lab Sample ID: 890-1564-9

Date Collected: 11/11/21 08:09

Matrix: Solid

Date Received: 11/11/21 10:14

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	12026	11/15/21 08:15	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12219	11/16/21 04:52	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:23	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	12161	11/12/21 15:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			12189	11/14/21 04:38	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	12431	11/16/21 12:00	CH	XEN MID
Soluble	Analysis	300.0		1			12477	11/16/21 16:29	CH	XEN MID

Client Sample ID: P76

Lab Sample ID: 890-1564-10

Date Collected: 11/11/21 08:45

Matrix: Solid

Date Received: 11/11/21 10:14

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	12026	11/15/21 08:15	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12219	11/16/21 05:12	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:23	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	12161	11/12/21 15:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			12189	11/14/21 04:59	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	12431	11/16/21 12:00	CH	XEN MID
Soluble	Analysis	300.0		1			12477	11/16/21 16:56	CH	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: LM Bluestem Oil

Job ID: 890-1564-1

Client Sample ID: P77

Lab Sample ID: 890-1564-11

Date Collected: 11/11/21 08:50

Matrix: Solid

Date Received: 11/11/21 10:14

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	12026	11/15/21 08:15	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12219	11/16/21 05:32	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:23	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	12161	11/12/21 15:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			12189	11/14/21 05:20	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	12431	11/16/21 12:00	CH	XEN MID
Soluble	Analysis	300.0		1			12477	11/16/21 17:18	CH	XEN MID

Client Sample ID: P44R

Lab Sample ID: 890-1564-12

Date Collected: 11/11/21 09:04

Matrix: Solid

Date Received: 11/11/21 10:14

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	12026	11/15/21 08:15	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12219	11/16/21 05:53	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:23	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	12161	11/12/21 15:28	DM	XEN MID
Total/NA	Analysis	8015B NM		10			12189	11/14/21 05:42	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	12431	11/16/21 12:00	CH	XEN MID
Soluble	Analysis	300.0		1			12477	11/16/21 17:26	CH	XEN MID

Client Sample ID: Burm #7

Lab Sample ID: 890-1564-13

Date Collected: 11/11/21 09:10

Matrix: Solid

Date Received: 11/11/21 10:14

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	12026	11/15/21 08:15	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12219	11/16/21 06:13	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:23	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	12161	11/12/21 15:28	DM	XEN MID
Total/NA	Analysis	8015B NM		5			12189	11/14/21 06:03	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	12431	11/16/21 12:00	CH	XEN MID
Soluble	Analysis	300.0		1			12477	11/16/21 17:33	CH	XEN MID

Client Sample ID: Burm #2

Lab Sample ID: 890-1564-14

Date Collected: 11/11/21 09:15

Matrix: Solid

Date Received: 11/11/21 10:14

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	12026	11/15/21 08:15	KL	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	12219	11/16/21 06:34	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			12338	11/16/21 14:23	AJ	XEN MID

Eurofins Xenco, Carlsbad

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: LM Bluestem Oil

Job ID: 890-1564-1

Client Sample ID: Burm #2
Date Collected: 11/11/21 09:15
Date Received: 11/11/21 10:14

Lab Sample ID: 890-1564-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			12429	11/16/21 09:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	12161	11/12/21 15:28	DM	XEN MID
Total/NA	Analysis	8015B NM		5			12189	11/14/21 06:24	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	12431	11/16/21 12:00	CH	XEN MID
Soluble	Analysis	300.0		1			12477	11/16/21 17:41	CH	XEN MID

Laboratory References:
XEN MID = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Resolute Compliance LLC
Project/Site: LM Bluestem Oil

Job ID: 890-1564-1

Laboratory: Eurofins Xenco, Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Resolute Compliance LLC
Project/Site: LM Bluestem Oil

Job ID: 890-1564-1

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

XEN MID = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Resolute Compliance LLC
Project/Site: LM Bluestem Oil

Job ID: 890-1564-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-1564-1	P171	Solid	11/11/21 06:52	11/11/21 10:14	3
890-1564-2	P172	Solid	11/11/21 07:03	11/11/21 10:14	3
890-1564-3	P138	Solid	11/11/21 07:18	11/11/21 10:14	3
890-1564-4	P139	Solid	11/11/21 07:22	11/11/21 10:14	3
890-1564-5	P71	Solid	11/11/21 07:47	11/11/21 10:14	3
890-1564-6	P72	Solid	11/11/21 07:51	11/11/21 10:14	3
890-1564-7	P73	Solid	11/11/21 07:56	11/11/21 10:14	3
890-1564-8	P74	Solid	11/11/21 08:04	11/11/21 10:14	3
890-1564-9	P75	Solid	11/11/21 08:09	11/11/21 10:14	3
890-1564-10	P76	Solid	11/11/21 08:45	11/11/21 10:14	3
890-1564-11	P77	Solid	11/11/21 08:50	11/11/21 10:14	3
890-1564-12	P44R	Solid	11/11/21 09:04	11/11/21 10:14	3
890-1564-13	Burm #7	Solid	11/11/21 09:10	11/11/21 10:14	3
890-1564-14	Burm #2	Solid	11/11/21 09:15	11/11/21 10:14	3

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199



Environment Testing

Xenco

Work Order No:

21-9007

www.xenco.com

Page

1 of 2

Project Manager: James Vannasse		Bill to: (if different)	
Company Name: Resolute Compliance		Company Name:	
Address: 115 FM 2453 Suite A		Address:	
City, State ZIP: Rayse City, TX 75789		City, State ZIP:	
Phone: 972 842 4303		Email: jvannasse@resolutecompliance.com	

Project Name: LM Binessem 0.1		Turn Around	
Project Number:		Routine ☒ Rush ☐	
Project Location:		Due Date: 2 Day	
Sampler's Name:		TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT		Temp Blank: ☒ Yes ☒ No		Wet Ice: ☒ Yes ☒ No	
Samples Received Intact: ☒ Yes ☒ No		Thermometer ID: TMM-007		Correction Factor: -0.2	
Cooler Custody Seals: ☒ Yes ☒ No		Temperature Reading: 1-6		Corrected Temperature: 1.4	
Sample Custody Seals: ☒ Yes ☒ No					
Total Containers:					

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters	Pres. Code	ANALYSIS REQUEST	Preservative Codes	Sample Comments
P11	Soil	11/11/21	0652am	3"	Comp	1	Chlorides			None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate + NaOH: Zn NaOH + Ascorbic Acid: SACP	
P12			0703am								
P138			0718am								
P139			0722am								
P71			0747am								
P72			0756am								
P73			0756am								
P74			0804am								
P75			0809am								
P76			0845am								

Total 200.7 / 6010	200.8 / 6020:	8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed	TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U	Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
<i>[Signature]</i>	<i>[Signature]</i>		
Date/Time: 11-11-21 10:14	Date/Time: 11-11-21 10:14	Date/Time:	Date/Time:

Revised Date: 08/25/2020 Rev 2020.2



Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Environment Testing

Xenco

Work Order No:

21.9007

www.xenco.com Page 1

2 of

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other: ☐

Project Manager:	James Vanassche	Bill to: (if different)
Company Name:	Resolute Compliance	Company Name:
Address:	115 FM 2453 suite A	Address:
City, State ZIP:	Rockledge City, TX 75189	City, State ZIP:
Phone:	972-442-2304	Email: jvan@resolutecompliance.com

[illegible]

Total	200.7 / 6010	200.8 / 6020:	8RCRA 13PPM Texas 11	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Mo	Ni	K	Se	Ag	SiO ₂	Na	Sr	Tl	Sn	U	V	Zn
Circle Method(s) and Metal(s) to be analyzed																															
TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471																															

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco. Its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$95.00 will be applied to each order and a charge of \$5.00 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated in writing. A minimum charge of \$95.00 will be applied to each order and a charge of \$5.00 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated in writing.

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			11.11.21			
2			10/4			
3						
4						
5						

Revised D310-08/25/2020 Rev. 2020 2

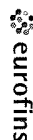
Eurofins Xenco, Carlsbad

1089 N Canal St.

Carlsbad NM 88220

Phone 575-988-3199 Fax 575-988-3199

Chain of Custody Record



Environment Testing America

Client Information (Sub Contract Lab)						Sampler	Lab PM	COC No.
Client Contact:						Kramer Jessica		890-505 1
Shipping/Receiving						E-Mail:	Jessica.kramer@eurofinset.com	State of Origin: New Mexico
Company Eurofins Xenco						Accreditations Required (See note) NELAP - Texas		Page 1 of 2
Address 1211 W Florida Ave						Due Date Requested 11/15/2021	Job # 890-1564-1	
City Midland						TAT Requested (days)	Preservation Codes	
State Zip TX 79701								
Phone 432-704-5440(Tel)						PO #:		
Email						WO #:		
Project Name LM Bluestem Oil						Project # 86000117		
Site						SSOM#		
Sample Identification - Client ID (Lab ID)						Field Filtered Sample (Yes or No)	Total Number of containers	
						Perform MS/MSD (Yes or No)	Special Instructions/Note	
P171 (890-1564-1)	11/11/21	06 52	Mountain	Solid	X	X	X	X
P172 (890-1564-2)	11/11/21	07 03	Mountain	Solid	X	X	X	X
P138 (890-1564-3)	11/11/21	07 18	Mountain	Solid	X	X	X	X
P139 (890-1564-4)	11/11/21	07 22	Mountain	Solid	X	X	X	X
P71 (890-1564-5)	11/11/21	07 47	Mountain	Solid	X	X	X	X
P72 (890-1564-6)	11/11/21	07 51	Mountain	Solid	X	X	X	X
P73 (890-1564-7)	11/11/21	07 56	Mountain	Solid	X	X	X	X
P74 (890-1564-8)	11/11/21	08 04	Mountain	Solid	X	X	X	X
P75 (890-1564-9)	11/11/21	08 09	Mountain	Solid	X	X	X	X
Note: Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysts/matrix being analyzed, the samples must be shipped back to the Eurofins Xenco LLC Laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Xenco LLC.								
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		
Unconfirmed						Return To Client		
Deliverable Requested I II III IV Other (specify)						Disposal By Lab		
Primary Deliverable Rank 2						Archive For Months		
Empty Kit Relinquished by:						Date	Time	Method of Shipment:
Relinquished by: Joe Dup 11.11.21						Date/Time:	Company	Date/Time:
Relinquished by:						Date/Time:	Company	Date/Time:
Relinquished by:						Date/Time:	Company	Date/Time:
Custody Seals Intact:						Cooler Temperature(s) °C and Other Remarks		
Δ Yes Δ No						4.6/4.7		

Eurofins Xenco, Carlsbad

1089 N Canal St.
Carlsbad NM 88220

Phone 575-988-3199 Fax 575-988-3199

Chain of Custody Record



**Environment Testing
America**

[illegible]

Login Sample Receipt Checklist

Client: Resolute Compliance LLC

Job Number: 890-1564-1

SDG Number:

Login Number: 1564

List Number: 1

Creator: Clifton, Cloe

List Source: Eurofins Xenco, Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: Resolute Compliance LLC

Job Number: 890-1564-1

SDG Number:

Login Number: 1564

List Number: 2

Creator: Kramer, Jessica

List Source: Eurofins Xenco, Midland

List Creation: 11/12/21 02:56 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.6/4.7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

ATTACHMENT B – INITIAL RELEASE PHOTOS

Attachment B – Initial Release Photos



Photo 1: Drone Flyover of Containment Berm within 24 Hours of Spill



Photo 2: Containment Berm Sump within 24 Hours of Spill



Photo 3 – Containment Berm After Initial Oil Recovery and During Initial Soil Removal

ATTACHMENT B – FINAL REMEDIATION PHOTOS

Attachment B – Final Remediation Photos



Photo 1



Photo 2



Photo 3



Photo 4



Photo 5



Photo 6



Photo 7



Photo 8



Photo 9



Photo 10



Photo 11



Photo 12



Photo 13



Photo 14

ATTACHMENT C –ANALYTICAL RESULTS SUMMARY

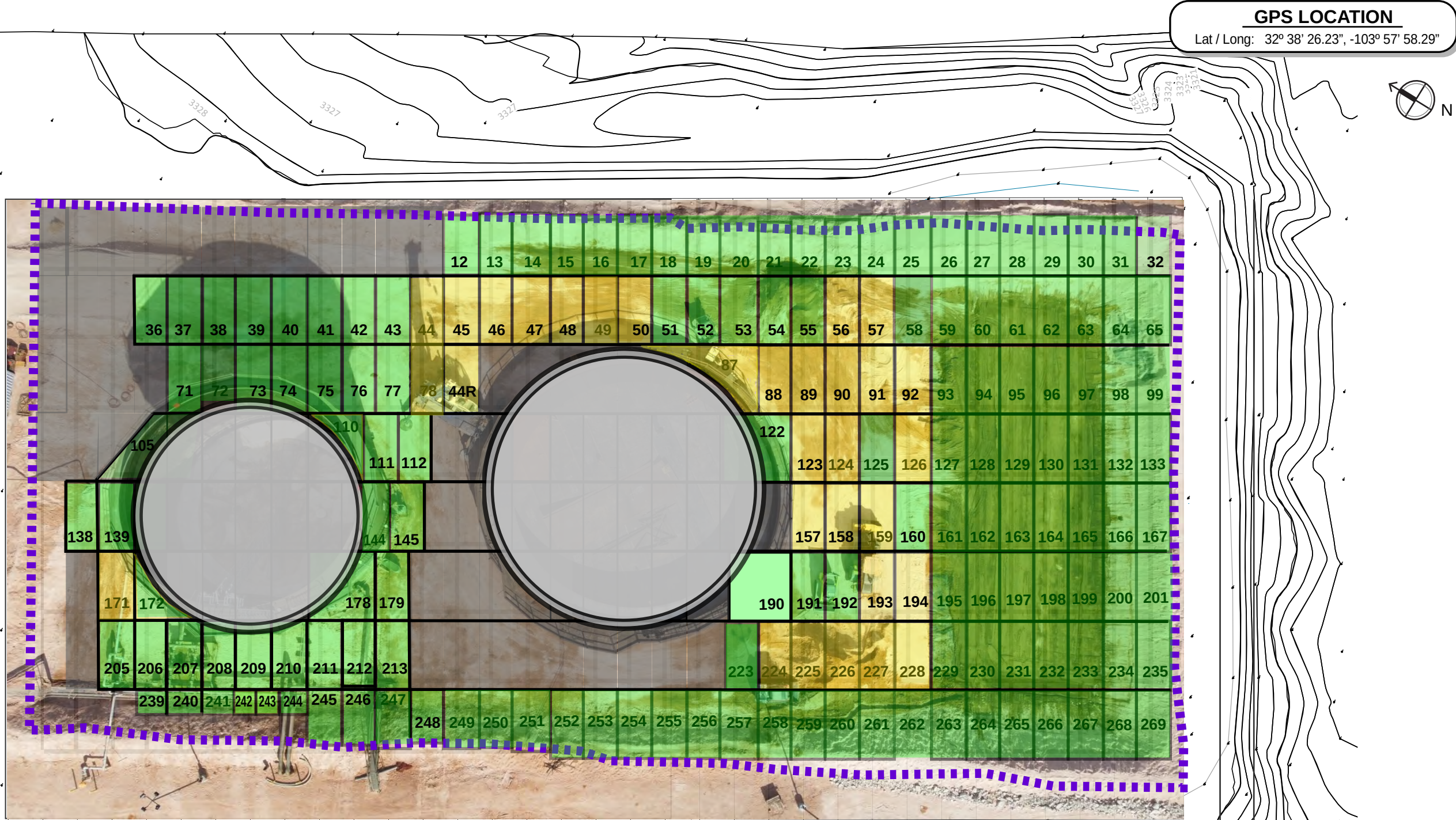
Analytical Results Summary

SUMMARY OF ANALYTICAL RESULTS FOR Job ID: 890-1549-1
Bluestem Terminal Crude Spill
Carlsbad NM

Criteria Exceedance Criteria Below Criteria

SAMPLE ID	SAMPLE DATE	SAMPLE DEPTH (ft)	Chloride (mg/kg)	Chloride Closure Criteria (mg/kg)	Gasoline Range Organics (BBO) (mg/kg)	Diesel Range Organics (BBO) (mg/kg)	Oil Range Organics (BBO) (mg/kg)	Total TPH (mg/kg)	Total TPH Closure Criteria (mg/kg)	GRO+DRO (mg/kg)	GRO+DRO Closure Criteria (mg/kg)	Benzene (mg/kg)	Benzene Closure Criteria (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	m,p-Xylenes (mg/kg)	o-Xylene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	BTEX Closure Criteria (mg/kg)
G58	12-May	8:15	225	10000	0	1190	0	1190	2500	1190	1000	0.002	10	0.002	0.002	0.004	0.002	0.004	0.00403	50
G92	12-May	8:17	155	10000	0	216	0	216	2500	216	1000	0.002	10	0.002	0.002	0.002	0.004	0.002	0.004	50
G57	12-May	8:20	798	10000	0	110	0	110	2500	110	1000	0.002	10	0.002	0.002	0.002	0.004	0.002	0.004	50
G91	12-May	8:22	96.5	10000	0	0	0	0	2500	0	1000	0.002	10	0.002	0.002	0.002	0.004	0.002	0.004	50
G126	12-May	8:24	154	10000	0	684	0	684	2500	684	1000	0.002	10	0.002	0.002	0.002	0.004	0.002	0.004	50
G125	12-May	8:26	240	10000	292	2700	0	2992	2500	2992	1000	0.002	10	0.0467	0.107	0.317	0.183	0.5	0.654	50
G56	12-May	8:28	690	10000	0	127	0	127	2500	127	1000	0.002	10	0.002	0.009	0.002	0.004	0.002	0.0091	50
G90	12-May	8:29	316	10000	0	0	0	0	2500	0	1000	0.002	10	0.002	0.002	0.002	0.004	0.002	0.004	50
G124	12-May	8:32	295	10000	0	0	0	0	2500	0	1000	0.002	10	0.002	0.002	0.002	0.004	0.002	0.004	50
G123	12-May	8:34	272	10000	0	0	0	0	2500	0	1000	0.002	10	0.002	0.002	0.002	0.004	0.002	0.004	50
G87	12-May	8:38	283	10000	0	0	0	0	2500	0	1000	0.002	10	0.002	0.002	0.002	0.004	0.002	0.004	50
G88	12-May	8:40	686	10000	0	0	0	0	2500	0	1000	0.002	10	0.002	0.002	0.002	0.004	0.002	0.004	50
G89	12-May	8:42	190	10000	0	0	0	0	2500	0	1000	0.002	10	0.002	0.002	0.002	0.004	0.002	0.004	50
G157	12-May	8:54	471	10000	0	0	0	0	2500	0	1000	0.002	10	0.002	0.002	0.002	0.004	0.002	0.004	50
G158	12-May	8:46	349	10000	0	55	0	55	2500	55	1000	0.002	10	0.002	0.002	0.002	0.004	0.002	0.004	50
G159	12-May	8:50	107	10000	0	0	0	0	2500	0	1000	0.002	10	0.002	0.002	0.002	0.004	0.002	0.004	50
G193	12-May	8:54	74.8	10000	0	0	0	0	2500	0	1000	0.002	10	0.002	0.002	0.002	0.004	0.002	0.004	50
G194	12-May	8:56	85.4	10000	0	0	0	0	2500	0	1000	0.002	10	0.002	0.002	0.002	0.004	0.002	0.004	50
G223	12-May	8:58	208	10000	0	1770	0	1770	2500	1770	1000	0.002	10	0.002	0.002	0.002	0.004	0.002	0.004	50
G224	12-May	9:00	756	10000	0	735	0	735	2500	735	1000	0.002	10	0.002	0.002	0.002	0.004	0.002	0.004	50
G225	12-May	9:02	323	10000	0	668	79.3	747.3	2500	668	1000	0.002	10	0.002	0.002	0.002	0.004	0.002	0.004	50
G226	12-May	9:04	86.3	10000	0	200	0	200	2500	200	1000	0.002	10	0.002	0.002	0.002	0.004	0.002	0.004	50
G227	12-May	9:06	111	10000	0	0	0	0	2500	0	1000	0.002	10	0.002	0.002	0.002	0.004	0.002	0.004	50
G228	12-May	9:08	52.8	10000	0	82.3	0	82.3	2500	82.3	1000	0.002	10	0.002	0.002	0.002	0.004	0.002	0.004	50
G50	12-May	9:10	287	10000	0	0	0	0	2500	0	1000	0.002	10	0.002	0.002	0.002	0.004	0.002	0.004	50
G49	12-May	9:12	291	10000	0	0	0	0	2500	0	1000	0.002	10	0.002	0.002	0.002	0.004	0.002	0.004	50
G48	12-May	9:14	55	10000	0	0	0	0	2500	0	1000	0.002	10	0.002	0.002	0.002	0.004	0.002	0.004	50
G47	12-May	9:16	68.3	10000	0	630	0	630	2500	630	1000	0.002	10	0.002	0.002	0.002	0.004	0.002	0.004	50
G46	12-May	9:18	254	10000	0	0	0	0	2500	0	1000	0.002	10	0.0027	0.002	0.002	0.004	0.002	0.004	50
G45	12-May	9:20	293	10000	0	0	0	0	2500	0	1000	0.002	10	0.002	0.002	0.002	0.004	0.002	0.004	50
G44R	12-May	9:22	68.2	10000	0	0	0	0	2500	0	1000	0.002	10	0.002	0.002	0.002	0.004	0.002	0.004	50
G7E	12-May	9:24	185	10000	0	0	0	0	2500	0	1000	0.002	10	0.002	0.002	0.002	0.004	0.002	0.004	50
G144	12-May	9:26	148	10000	143	7240	816	8199	2500	7393	1000	0.002	10	5.24	4.65	12	4.04	16	25.9	50
G110	12-May	9:22	47.5	10000	615	5990	591	7196	2500	6056	1000	0.077	10	1.52	1.68	3.9	1.52	5.42	8.7	50
G72	12-May	9:30	44.8	10000	443	4910	464	5817	2500	5353	1000	0.0705	10	0.276	0.53	1.01	0.597	1.61	2.48	50
G36	12-May	9:32	371	10000	87.9	2410	205	2702.9	2500	2497.9	1000	0.002	10	0.0509	0.0433	0.129	0.0549	0.184	0.278	50
G171	12-May	9:34	66	10000	0	682	51.1	733.1	2500	682	1000	0.0961	10	0.225	0.201	0.208	0.159	0.367	0.889	50
G122	5/12/2022 0:00	8:36	283	10000	0	62.9	0	62.9	2500	62.9	1000	0.002	10	0.002	0.002	0.002	0.004	0.002	0.004	50

ATTACHMENT C – FINAL EXCAVATION GRID



KEY:

 Excavated to Liner

 Excavated to Clean Soil



RESOLUTE COMPLIANCE, LLC
Purposeful Solutions. Unwavering Service.

Client: LM ENERGY
SITE: Bluestem Terminal Crude Spill
Carlsbad, Eddy County, NM
FACILITY DIAGRAM

Project No
Env-LM-Bluestem Terminal
Spill-0028
FIGURE 1

ATTACHMENT C – ANALYTICAL REPORTS



Environment Testing America

ANALYTICAL REPORT

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-14745-1

Laboratory Sample Delivery Group: Eddy County
Client Project/Site: BluestreamTerm

For:

Resolute Compliance LLC
115 FM 2453
Suite A
Royse City, Texas 75189

Attn: Grant McAfee

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:
5/16/2022 4:19:16 PM

Jessica Kramer, Project Manager
(432)704-5440
Jessica.Kramer@et.eurofinsus.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Laboratory Job ID: 880-14745-1
SDG: Eddy County

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	5
Client Sample Results	7
Surrogate Summary	36
QC Sample Results	39
QC Association Summary	52
Lab Chronicle	62
Certification Summary	74
Method Summary	75
Sample Summary	76
Chain of Custody	77
Receipt Checklists	81

1
2
3
4
5
6
7
8
9
10
11
12
13
14

Definitions/Glossary

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Eurofins Midland

Definitions/Glossary

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Case Narrative

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Job ID: 880-14745-1**Laboratory: Eurofins Midland****Narrative****Job Narrative
880-14745-1****Receipt**

The samples were received on 5/12/2022 1:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.9°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-25550 and 880-25551 and analytical batch 880-25498 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: G110 (880-14745-34), G72 (880-14745-35) and G171 (880-14745-37). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-25436 and analytical batch 880-25520 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (MB 880-25436/5-A). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (880-14745-A-36-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: G36 (880-14745-36). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: G144 (880-14745-33). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: G144 (880-14745-33). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: G36 (880-14745-36). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-25452 and analytical batch 880-25494 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-25437 and analytical batch 880-25499 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-25438

Case Narrative

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Job ID: 880-14745-1 (Continued)

Laboratory: Eurofins Midland (Continued)

and analytical batch 880-25553 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Client Sample ID: G58

Lab Sample ID: 880-14745-1

Date Collected: 05/12/22 08:15

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U F1	0.00202		mg/Kg		05/12/22 14:44	05/14/22 03:24	1
Toluene	<0.00202	U F1	0.00202		mg/Kg		05/12/22 14:44	05/14/22 03:24	1
Ethylbenzene	<0.00202	U F1	0.00202		mg/Kg		05/12/22 14:44	05/14/22 03:24	1
m-Xylene & p-Xylene	<0.00403	U F1	0.00403		mg/Kg		05/12/22 14:44	05/14/22 03:24	1
o-Xylene	<0.00202	U F1	0.00202		mg/Kg		05/12/22 14:44	05/14/22 03:24	1
Xylenes, Total	<0.00403	U F1	0.00403		mg/Kg		05/12/22 14:44	05/14/22 03:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	05/12/22 14:44	05/14/22 03:24	1
1,4-Difluorobenzene (Surr)	98		70 - 130	05/12/22 14:44	05/14/22 03:24	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			05/16/22 09:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1190		50.0		mg/Kg			05/16/22 12:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/12/22 15:27	05/13/22 14:00	1
Diesel Range Organics (Over C10-C28)	1190		50.0		mg/Kg		05/12/22 15:27	05/13/22 14:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/12/22 15:27	05/13/22 14:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				05/12/22 15:27	05/13/22 14:00	1
o-Terphenyl	95		70 - 130				05/12/22 15:27	05/13/22 14:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	225		5.00		mg/Kg			05/13/22 03:08	1

Client Sample ID: G92

Lab Sample ID: 880-14745-2

Date Collected: 05/12/22 08:17

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/12/22 14:44	05/14/22 03:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/12/22 14:44	05/14/22 03:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/12/22 14:44	05/14/22 03:44	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/12/22 14:44	05/14/22 03:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/12/22 14:44	05/14/22 03:44	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/12/22 14:44	05/14/22 03:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	05/12/22 14:44	05/14/22 03:44	1
1,4-Difluorobenzene (Surr)	93		70 - 130	05/12/22 14:44	05/14/22 03:44	1

Eurofins Midland

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Client Sample ID: G92

Lab Sample ID: 880-14745-2

Date Collected: 05/12/22 08:17

Matrix: Solid

Date Received: 05/12/22 13:30

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			05/16/22 09:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	216		49.9		mg/Kg			05/16/22 12:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/12/22 15:27	05/13/22 12:55	1
Diesel Range Organics (Over C10-C28)	216		49.9		mg/Kg		05/12/22 15:27	05/13/22 12:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/12/22 15:27	05/13/22 12:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				05/12/22 15:27	05/13/22 12:55	1
o-Terphenyl	99		70 - 130				05/12/22 15:27	05/13/22 12:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	155		4.99		mg/Kg			05/13/22 03:36	1

Client Sample ID: G57

Lab Sample ID: 880-14745-3

Date Collected: 05/12/22 08:20

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/12/22 14:44	05/14/22 04:05	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/12/22 14:44	05/14/22 04:05	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/12/22 14:44	05/14/22 04:05	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/12/22 14:44	05/14/22 04:05	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/12/22 14:44	05/14/22 04:05	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/12/22 14:44	05/14/22 04:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				05/12/22 14:44	05/14/22 04:05	1
1,4-Difluorobenzene (Surr)	95		70 - 130				05/12/22 14:44	05/14/22 04:05	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/16/22 09:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	110		50.0		mg/Kg			05/16/22 12:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/12/22 15:27	05/13/22 14:22	1
Diesel Range Organics (Over C10-C28)	110		50.0		mg/Kg		05/12/22 15:27	05/13/22 14:22	1

Eurofins Midland

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Client Sample ID: G57

Lab Sample ID: 880-14745-3

Date Collected: 05/12/22 08:20

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/12/22 15:27	05/13/22 14:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				05/12/22 15:27	05/13/22 14:22	1
o-Terphenyl	112		70 - 130				05/12/22 15:27	05/13/22 14:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	798		4.98		mg/Kg			05/13/22 03:45	1

Client Sample ID: G91

Lab Sample ID: 880-14745-4

Date Collected: 05/12/22 08:22

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/12/22 14:44	05/14/22 04:25	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/12/22 14:44	05/14/22 04:25	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/12/22 14:44	05/14/22 04:25	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/12/22 14:44	05/14/22 04:25	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/12/22 14:44	05/14/22 04:25	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/12/22 14:44	05/14/22 04:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				05/12/22 14:44	05/14/22 04:25	1
1,4-Difluorobenzene (Surr)	97		70 - 130				05/12/22 14:44	05/14/22 04:25	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/16/22 09:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/16/22 12:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/12/22 15:27	05/13/22 14:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/12/22 15:27	05/13/22 14:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/12/22 15:27	05/13/22 14:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				05/12/22 15:27	05/13/22 14:44	1
o-Terphenyl	102		70 - 130				05/12/22 15:27	05/13/22 14:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96.5		4.97		mg/Kg			05/13/22 03:54	1

Eurofins Midland

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Client Sample ID: G126

Lab Sample ID: 880-14745-5

Date Collected: 05/12/22 08:24

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/12/22 14:44	05/14/22 04:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/12/22 14:44	05/14/22 04:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/12/22 14:44	05/14/22 04:46	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/12/22 14:44	05/14/22 04:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/12/22 14:44	05/14/22 04:46	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/12/22 14:44	05/14/22 04:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	05/12/22 14:44	05/14/22 04:46	1
1,4-Difluorobenzene (Surr)	99		70 - 130	05/12/22 14:44	05/14/22 04:46	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/16/22 09:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	684		50.0		mg/Kg			05/16/22 12:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/12/22 15:27	05/13/22 15:06	
Diesel Range Organics (Over C10-C28)	684		50.0		mg/Kg		05/12/22 15:27	05/13/22 15:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/12/22 15:27	05/13/22 15:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				05/12/22 15:27	05/13/22 15:06	1
o-Terphenyl	108		70 - 130				05/12/22 15:27	05/13/22 15:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	154		4.99		mg/Kg			05/13/22 04:03	1

Client Sample ID: G125

Lab Sample ID: 880-14745-6

Date Collected: 05/12/22 08:26

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/12/22 14:44	05/14/22 05:06	1
Toluene	0.0467		0.00200		mg/Kg		05/12/22 14:44	05/14/22 05:06	1
Ethylbenzene	0.107		0.00200		mg/Kg		05/12/22 14:44	05/14/22 05:06	1
m-Xylene & p-Xylene	0.317		0.00400		mg/Kg		05/12/22 14:44	05/14/22 05:06	1
o-Xylene	0.183		0.00200		mg/Kg		05/12/22 14:44	05/14/22 05:06	1
Xylenes, Total	0.500		0.00400		mg/Kg		05/12/22 14:44	05/14/22 05:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130	05/12/22 14:44	05/14/22 05:06	1
1,4-Difluorobenzene (Surr)	69	S1-	70 - 130	05/12/22 14:44	05/14/22 05:06	1

Eurofins Midland

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Client Sample ID: G125

Lab Sample ID: 880-14745-6

Date Collected: 05/12/22 08:26

Matrix: Solid

Date Received: 05/12/22 13:30

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.654		0.00400		mg/Kg			05/16/22 09:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2990		49.9		mg/Kg			05/16/22 12:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	292		49.9		mg/Kg		05/12/22 15:27	05/13/22 15:27	1
Diesel Range Organics (Over C10-C28)	2700		49.9		mg/Kg		05/12/22 15:27	05/13/22 15:27	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/12/22 15:27	05/13/22 15:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				05/12/22 15:27	05/13/22 15:27	1
o-Terphenyl	112		70 - 130				05/12/22 15:27	05/13/22 15:27	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	240		4.98		mg/Kg			05/13/22 04:31	1

Client Sample ID: G56

Lab Sample ID: 880-14745-7

Date Collected: 05/12/22 08:28

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/12/22 14:44	05/14/22 05:27	1
Toluene	0.00910		0.00202		mg/Kg		05/12/22 14:44	05/14/22 05:27	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/12/22 14:44	05/14/22 05:27	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		05/12/22 14:44	05/14/22 05:27	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/12/22 14:44	05/14/22 05:27	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/12/22 14:44	05/14/22 05:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				05/12/22 14:44	05/14/22 05:27	1
1,4-Difluorobenzene (Surr)	94		70 - 130				05/12/22 14:44	05/14/22 05:27	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00910		0.00403		mg/Kg			05/16/22 09:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	127		50.0		mg/Kg			05/16/22 12:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/12/22 15:27	05/13/22 15:49	1
Diesel Range Organics (Over C10-C28)	127		50.0		mg/Kg		05/12/22 15:27	05/13/22 15:49	1

Eurofins Midland

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Client Sample ID: G56

Lab Sample ID: 880-14745-7

Date Collected: 05/12/22 08:28

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/12/22 15:27	05/13/22 15:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				05/12/22 15:27	05/13/22 15:49	1
o-Terphenyl	98		70 - 130				05/12/22 15:27	05/13/22 15:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	690		5.04		mg/Kg			05/13/22 04:40	1

Client Sample ID: G90

Lab Sample ID: 880-14745-8

Date Collected: 05/12/22 08:30

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/12/22 14:44	05/14/22 05:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/12/22 14:44	05/14/22 05:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/12/22 14:44	05/14/22 05:47	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/12/22 14:44	05/14/22 05:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/12/22 14:44	05/14/22 05:47	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/12/22 14:44	05/14/22 05:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				05/12/22 14:44	05/14/22 05:47	1
1,4-Difluorobenzene (Surr)	98		70 - 130				05/12/22 14:44	05/14/22 05:47	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/16/22 09:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/16/22 12:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/12/22 15:27	05/13/22 16:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/12/22 15:27	05/13/22 16:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/12/22 15:27	05/13/22 16:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				05/12/22 15:27	05/13/22 16:11	1
o-Terphenyl	95		70 - 130				05/12/22 15:27	05/13/22 16:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	316		4.98		mg/Kg			05/13/22 04:49	1

Eurofins Midland

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Client Sample ID: G124

Lab Sample ID: 880-14745-9

Date Collected: 05/12/22 08:32

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/12/22 14:44	05/14/22 06:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/12/22 14:44	05/14/22 06:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/12/22 14:44	05/14/22 06:07	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/12/22 14:44	05/14/22 06:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/12/22 14:44	05/14/22 06:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/12/22 14:44	05/14/22 06:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	05/12/22 14:44	05/14/22 06:07	1
1,4-Difluorobenzene (Surr)	99		70 - 130	05/12/22 14:44	05/14/22 06:07	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/16/22 09:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/16/22 12:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/12/22 15:27	05/13/22 16:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/12/22 15:27	05/13/22 16:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/12/22 15:27	05/13/22 16:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	05/12/22 15:27	05/13/22 16:33	1
o-Terphenyl	95		70 - 130	05/12/22 15:27	05/13/22 16:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	205		5.00		mg/Kg			05/13/22 04:59	1

Client Sample ID: G123

Lab Sample ID: 880-14745-10

Date Collected: 05/12/22 08:34

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/12/22 14:44	05/14/22 06:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/12/22 14:44	05/14/22 06:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/12/22 14:44	05/14/22 06:28	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/12/22 14:44	05/14/22 06:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/12/22 14:44	05/14/22 06:28	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/12/22 14:44	05/14/22 06:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	05/12/22 14:44	05/14/22 06:28	1
1,4-Difluorobenzene (Surr)	96		70 - 130	05/12/22 14:44	05/14/22 06:28	1

Eurofins Midland

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Client Sample ID: G123

Lab Sample ID: 880-14745-10

Date Collected: 05/12/22 08:34

Matrix: Solid

Date Received: 05/12/22 13:30

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/16/22 09:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/16/22 12:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/12/22 15:27	05/13/22 16:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/12/22 15:27	05/13/22 16:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/12/22 15:27	05/13/22 16:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				05/12/22 15:27	05/13/22 16:54	1
o-Terphenyl	94		70 - 130				05/12/22 15:27	05/13/22 16:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	272		4.95		mg/Kg			05/13/22 05:08	1

Client Sample ID: G87

Lab Sample ID: 880-14745-11

Date Collected: 05/12/22 08:38

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/12/22 14:44	05/14/22 08:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/12/22 14:44	05/14/22 08:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/12/22 14:44	05/14/22 08:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/12/22 14:44	05/14/22 08:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/12/22 14:44	05/14/22 08:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/12/22 14:44	05/14/22 08:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				05/12/22 14:44	05/14/22 08:18	1
1,4-Difluorobenzene (Surr)	98		70 - 130				05/12/22 14:44	05/14/22 08:18	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/16/22 09:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/16/22 12:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/12/22 15:27	05/13/22 17:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/12/22 15:27	05/13/22 17:37	1

Eurofins Midland

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Client Sample ID: G87

Lab Sample ID: 880-14745-11

Date Collected: 05/12/22 08:38

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/12/22 15:27	05/13/22 17:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				05/12/22 15:27	05/13/22 17:37	1
o-Terphenyl	88		70 - 130				05/12/22 15:27	05/13/22 17:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	283	F1	5.00		mg/Kg			05/13/22 05:17	1

Client Sample ID: G88

Lab Sample ID: 880-14745-12

Date Collected: 05/12/22 08:40

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/12/22 14:44	05/14/22 08:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/12/22 14:44	05/14/22 08:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/12/22 14:44	05/14/22 08:38	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/12/22 14:44	05/14/22 08:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/12/22 14:44	05/14/22 08:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/12/22 14:44	05/14/22 08:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				05/12/22 14:44	05/14/22 08:38	1
1,4-Difluorobenzene (Surr)	99		70 - 130				05/12/22 14:44	05/14/22 08:38	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/16/22 09:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/16/22 12:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/12/22 15:27	05/13/22 17:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/12/22 15:27	05/13/22 17:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/12/22 15:27	05/13/22 17:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				05/12/22 15:27	05/13/22 17:59	1
o-Terphenyl	94		70 - 130				05/12/22 15:27	05/13/22 17:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	686		4.98		mg/Kg			05/13/22 05:45	1

Eurofins Midland

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Client Sample ID: G89

Lab Sample ID: 880-14745-13

Date Collected: 05/12/22 08:42

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/12/22 14:44	05/14/22 08:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/12/22 14:44	05/14/22 08:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/12/22 14:44	05/14/22 08:59	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/12/22 14:44	05/14/22 08:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/12/22 14:44	05/14/22 08:59	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/12/22 14:44	05/14/22 08:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	05/12/22 14:44	05/14/22 08:59	1
1,4-Difluorobenzene (Surr)	100		70 - 130	05/12/22 14:44	05/14/22 08:59	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/16/22 09:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/16/22 12:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/12/22 15:27	05/13/22 18:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/12/22 15:27	05/13/22 18:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/12/22 15:27	05/13/22 18:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	05/12/22 15:27	05/13/22 18:20	1
o-Terphenyl	105		70 - 130	05/12/22 15:27	05/13/22 18:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	190		5.01		mg/Kg			05/13/22 05:54	1

Client Sample ID: G157

Lab Sample ID: 880-14745-14

Date Collected: 05/12/22 08:44

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/12/22 14:44	05/14/22 09:19	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/12/22 14:44	05/14/22 09:19	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/12/22 14:44	05/14/22 09:19	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/12/22 14:44	05/14/22 09:19	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/12/22 14:44	05/14/22 09:19	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/12/22 14:44	05/14/22 09:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	05/12/22 14:44	05/14/22 09:19	1
1,4-Difluorobenzene (Surr)	100		70 - 130	05/12/22 14:44	05/14/22 09:19	1

Eurofins Midland

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Client Sample ID: G157

Lab Sample ID: 880-14745-14

Date Collected: 05/12/22 08:44

Matrix: Solid

Date Received: 05/12/22 13:30

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/16/22 09:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/16/22 12:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/12/22 15:27	05/13/22 18:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/12/22 15:27	05/13/22 18:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/12/22 15:27	05/13/22 18:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				05/12/22 15:27	05/13/22 18:42	1
o-Terphenyl	95		70 - 130				05/12/22 15:27	05/13/22 18:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	471		4.99		mg/Kg			05/13/22 06:22	1

Client Sample ID: G158

Lab Sample ID: 880-14745-15

Date Collected: 05/12/22 08:46

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/12/22 14:44	05/14/22 09:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/12/22 14:44	05/14/22 09:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/12/22 14:44	05/14/22 09:40	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/12/22 14:44	05/14/22 09:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/12/22 14:44	05/14/22 09:40	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/12/22 14:44	05/14/22 09:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				05/12/22 14:44	05/14/22 09:40	1
1,4-Difluorobenzene (Surr)	100		70 - 130				05/12/22 14:44	05/14/22 09:40	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/16/22 09:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	55.0		49.9		mg/Kg			05/16/22 12:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/12/22 15:27	05/13/22 19:04	1
Diesel Range Organics (Over C10-C28)	55.0		49.9		mg/Kg		05/12/22 15:27	05/13/22 19:04	1

Eurofins Midland

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Client Sample ID: G158

Lab Sample ID: 880-14745-15

Date Collected: 05/12/22 08:46

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/12/22 15:27	05/13/22 19:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				05/12/22 15:27	05/13/22 19:04	1
o-Terphenyl	104		70 - 130				05/12/22 15:27	05/13/22 19:04	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	349		5.00		mg/Kg			05/13/22 06:31	1

Client Sample ID: G159

Lab Sample ID: 880-14745-16

Date Collected: 05/12/22 08:50

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/12/22 14:44	05/14/22 10:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/12/22 14:44	05/14/22 10:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/12/22 14:44	05/14/22 10:00	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/12/22 14:44	05/14/22 10:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/12/22 14:44	05/14/22 10:00	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/12/22 14:44	05/14/22 10:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				05/12/22 14:44	05/14/22 10:00	1
1,4-Difluorobenzene (Surr)	98		70 - 130				05/12/22 14:44	05/14/22 10:00	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			05/16/22 09:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/16/22 12:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/12/22 15:27	05/13/22 19:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/12/22 15:27	05/13/22 19:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/12/22 15:27	05/13/22 19:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				05/12/22 15:27	05/13/22 19:25	1
o-Terphenyl	92		70 - 130				05/12/22 15:27	05/13/22 19:25	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	107		5.04		mg/Kg			05/13/22 06:40	1

Eurofins Midland

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Client Sample ID: G193

Lab Sample ID: 880-14745-17

Date Collected: 05/12/22 08:54

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/12/22 14:44	05/14/22 10:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/12/22 14:44	05/14/22 10:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/12/22 14:44	05/14/22 10:21	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/12/22 14:44	05/14/22 10:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/12/22 14:44	05/14/22 10:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/12/22 14:44	05/14/22 10:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	05/12/22 14:44	05/14/22 10:21	1
1,4-Difluorobenzene (Surr)	99		70 - 130	05/12/22 14:44	05/14/22 10:21	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/16/22 09:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/16/22 12:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/12/22 15:27	05/13/22 19:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/12/22 15:27	05/13/22 19:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/12/22 15:27	05/13/22 19:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	05/12/22 15:27	05/13/22 19:47	1
o-Terphenyl	89		70 - 130	05/12/22 15:27	05/13/22 19:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	74.8		5.00		mg/Kg			05/13/22 06:49	1

Client Sample ID: G194

Lab Sample ID: 880-14745-18

Date Collected: 05/12/22 08:56

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/12/22 14:44	05/14/22 10:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/12/22 14:44	05/14/22 10:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/12/22 14:44	05/14/22 10:41	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/12/22 14:44	05/14/22 10:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/12/22 14:44	05/14/22 10:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/12/22 14:44	05/14/22 10:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	05/12/22 14:44	05/14/22 10:41	1
1,4-Difluorobenzene (Surr)	99		70 - 130	05/12/22 14:44	05/14/22 10:41	1

Eurofins Midland

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Client Sample ID: G194

Lab Sample ID: 880-14745-18

Date Collected: 05/12/22 08:56

Matrix: Solid

Date Received: 05/12/22 13:30

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/16/22 09:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/16/22 12:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/12/22 15:27	05/13/22 20:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/12/22 15:27	05/13/22 20:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/12/22 15:27	05/13/22 20:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				05/12/22 15:27	05/13/22 20:08	1
o-Terphenyl	97		70 - 130				05/12/22 15:27	05/13/22 20:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	85.4		4.98		mg/Kg			05/13/22 06:59	1

Client Sample ID: G223

Lab Sample ID: 880-14745-19

Date Collected: 05/12/22 08:58

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/12/22 14:44	05/14/22 11:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/12/22 14:44	05/14/22 11:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/12/22 14:44	05/14/22 11:02	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/12/22 14:44	05/14/22 11:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/12/22 14:44	05/14/22 11:02	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/12/22 14:44	05/14/22 11:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				05/12/22 14:44	05/14/22 11:02	1
1,4-Difluorobenzene (Surr)	100		70 - 130				05/12/22 14:44	05/14/22 11:02	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/16/22 09:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1770		50.0		mg/Kg			05/16/22 12:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/12/22 15:27	05/13/22 20:29	1
Diesel Range Organics (Over C10-C28)	1770		50.0		mg/Kg		05/12/22 15:27	05/13/22 20:29	1

Eurofins Midland

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Client Sample ID: G223

Lab Sample ID: 880-14745-19

Date Collected: 05/12/22 08:58

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/12/22 15:27	05/13/22 20:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				05/12/22 15:27	05/13/22 20:29	1
o-Terphenyl	93		70 - 130				05/12/22 15:27	05/13/22 20:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	208		5.00		mg/Kg			05/13/22 07:08	1

Client Sample ID: G224

Lab Sample ID: 880-14745-20

Date Collected: 05/12/22 09:00

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/12/22 14:44	05/14/22 11:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/12/22 14:44	05/14/22 11:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/12/22 14:44	05/14/22 11:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/12/22 14:44	05/14/22 11:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/12/22 14:44	05/14/22 11:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/12/22 14:44	05/14/22 11:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				05/12/22 14:44	05/14/22 11:22	1
1,4-Difluorobenzene (Surr)	99		70 - 130				05/12/22 14:44	05/14/22 11:22	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/16/22 09:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	735		49.9		mg/Kg			05/16/22 12:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/12/22 15:27	05/13/22 20:51	1
Diesel Range Organics (Over C10-C28)	735		49.9		mg/Kg		05/12/22 15:27	05/13/22 20:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/12/22 15:27	05/13/22 20:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				05/12/22 15:27	05/13/22 20:51	1
o-Terphenyl	93		70 - 130				05/12/22 15:27	05/13/22 20:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	756		4.95		mg/Kg			05/13/22 08:22	1

Eurofins Midland

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Client Sample ID: G225

Lab Sample ID: 880-14745-21

Date Collected: 05/12/22 09:02

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U F1	0.00199		mg/Kg		05/13/22 15:04	05/14/22 10:28	1
Toluene	<0.00199	U F1	0.00199		mg/Kg		05/13/22 15:04	05/14/22 10:28	1
Ethylbenzene	<0.00199	U F2 F1	0.00199		mg/Kg		05/13/22 15:04	05/14/22 10:28	1
m-Xylene & p-Xylene	<0.00398	U F1	0.00398		mg/Kg		05/13/22 15:04	05/14/22 10:28	1
o-Xylene	<0.00199	U F1	0.00199		mg/Kg		05/13/22 15:04	05/14/22 10:28	1
Xylenes, Total	<0.00398	U F1	0.00398		mg/Kg		05/13/22 15:04	05/14/22 10:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	05/13/22 15:04	05/14/22 10:28	1
1,4-Difluorobenzene (Surr)	99		70 - 130	05/13/22 15:04	05/14/22 10:28	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/16/22 09:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	747		50.0		mg/Kg			05/16/22 12:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/12/22 15:30	05/13/22 14:00	1
Diesel Range Organics (Over C10-C28)	668		50.0		mg/Kg		05/12/22 15:30	05/13/22 14:00	1
Oil Range Organics (Over C28-C36)	79.3		50.0		mg/Kg		05/12/22 15:30	05/13/22 14:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	05/12/22 15:30	05/13/22 14:00	1
o-Terphenyl	86		70 - 130	05/12/22 15:30	05/13/22 14:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	323		5.04		mg/Kg			05/13/22 19:27	1

Client Sample ID: G226

Lab Sample ID: 880-14745-22

Date Collected: 05/12/22 09:04

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/13/22 15:04	05/14/22 10:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/13/22 15:04	05/14/22 10:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/13/22 15:04	05/14/22 10:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/13/22 15:04	05/14/22 10:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/13/22 15:04	05/14/22 10:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/13/22 15:04	05/14/22 10:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	05/13/22 15:04	05/14/22 10:49	1
1,4-Difluorobenzene (Surr)	98		70 - 130	05/13/22 15:04	05/14/22 10:49	1

Eurofins Midland

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Client Sample ID: G226

Lab Sample ID: 880-14745-22

Date Collected: 05/12/22 09:04

Matrix: Solid

Date Received: 05/12/22 13:30

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/16/22 09:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	200		49.9		mg/Kg			05/16/22 12:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/12/22 15:30	05/13/22 12:55	1
Diesel Range Organics (Over C10-C28)	200	F1	49.9		mg/Kg		05/12/22 15:30	05/13/22 12:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/12/22 15:30	05/13/22 12:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				05/12/22 15:30	05/13/22 12:55	1
o-Terphenyl	104		70 - 130				05/12/22 15:30	05/13/22 12:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	86.3		4.99		mg/Kg			05/13/22 19:35	1

Client Sample ID: G227

Lab Sample ID: 880-14745-23

Date Collected: 05/12/22 09:06

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		05/13/22 15:04	05/14/22 11:09	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/13/22 15:04	05/14/22 11:09	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/13/22 15:04	05/14/22 11:09	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		05/13/22 15:04	05/14/22 11:09	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/13/22 15:04	05/14/22 11:09	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		05/13/22 15:04	05/14/22 11:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				05/13/22 15:04	05/14/22 11:09	1
1,4-Difluorobenzene (Surr)	97		70 - 130				05/13/22 15:04	05/14/22 11:09	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			05/16/22 09:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/16/22 12:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/12/22 15:30	05/13/22 14:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/12/22 15:30	05/13/22 14:22	1

Eurofins Midland

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Client Sample ID: G227

Lab Sample ID: 880-14745-23

Date Collected: 05/12/22 09:06

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/12/22 15:30	05/13/22 14:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				05/12/22 15:30	05/13/22 14:22	1
o-Terphenyl	91		70 - 130				05/12/22 15:30	05/13/22 14:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	111		5.00		mg/Kg			05/13/22 19:43	1

Client Sample ID: G228

Lab Sample ID: 880-14745-24

Date Collected: 05/12/22 09:08

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/13/22 15:04	05/14/22 15:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/13/22 15:04	05/14/22 15:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/13/22 15:04	05/14/22 15:44	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/13/22 15:04	05/14/22 15:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/13/22 15:04	05/14/22 15:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/13/22 15:04	05/14/22 15:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				05/13/22 15:04	05/14/22 15:44	1
1,4-Difluorobenzene (Surr)	99		70 - 130				05/13/22 15:04	05/14/22 15:44	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/16/22 09:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	82.3		49.9		mg/Kg			05/16/22 12:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/12/22 15:30	05/13/22 14:44	1
Diesel Range Organics (Over C10-C28)	82.3		49.9		mg/Kg		05/12/22 15:30	05/13/22 14:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/12/22 15:30	05/13/22 14:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				05/12/22 15:30	05/13/22 14:44	1
o-Terphenyl	96		70 - 130				05/12/22 15:30	05/13/22 14:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	52.8		5.00		mg/Kg			05/16/22 12:34	1

Eurofins Midland

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Client Sample ID: G50

Lab Sample ID: 880-14745-25

Date Collected: 05/12/22 09:10

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/13/22 15:04	05/14/22 16:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/13/22 15:04	05/14/22 16:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/13/22 15:04	05/14/22 16:05	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/13/22 15:04	05/14/22 16:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/13/22 15:04	05/14/22 16:05	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/13/22 15:04	05/14/22 16:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	05/13/22 15:04	05/14/22 16:05	1
1,4-Difluorobenzene (Surr)	95		70 - 130	05/13/22 15:04	05/14/22 16:05	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			05/16/22 09:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/16/22 12:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/12/22 15:30	05/13/22 15:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/12/22 15:30	05/13/22 15:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/12/22 15:30	05/13/22 15:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	05/12/22 15:30	05/13/22 15:06	1
o-Terphenyl	86		70 - 130	05/12/22 15:30	05/13/22 15:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	207		4.97		mg/Kg			05/16/22 12:42	1

Client Sample ID: G49

Lab Sample ID: 880-14745-26

Date Collected: 05/12/22 09:12

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		05/13/22 15:04	05/14/22 16:25	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/13/22 15:04	05/14/22 16:25	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/13/22 15:04	05/14/22 16:25	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		05/13/22 15:04	05/14/22 16:25	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/13/22 15:04	05/14/22 16:25	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		05/13/22 15:04	05/14/22 16:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	05/13/22 15:04	05/14/22 16:25	1
1,4-Difluorobenzene (Surr)	94		70 - 130	05/13/22 15:04	05/14/22 16:25	1

Eurofins Midland

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Client Sample ID: G49

Lab Sample ID: 880-14745-26

Date Collected: 05/12/22 09:12

Matrix: Solid

Date Received: 05/12/22 13:30

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			05/16/22 09:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/16/22 12:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/12/22 15:30	05/13/22 15:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/12/22 15:30	05/13/22 15:27	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/12/22 15:30	05/13/22 15:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				05/12/22 15:30	05/13/22 15:27	1
o-Terphenyl	99		70 - 130				05/12/22 15:30	05/13/22 15:27	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	281		4.96		mg/Kg			05/16/22 12:50	1

Client Sample ID: G48

Lab Sample ID: 880-14745-27

Date Collected: 05/12/22 09:14

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/13/22 15:04	05/14/22 16:46	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/13/22 15:04	05/14/22 16:46	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/13/22 15:04	05/14/22 16:46	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/13/22 15:04	05/14/22 16:46	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/13/22 15:04	05/14/22 16:46	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/13/22 15:04	05/14/22 16:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				05/13/22 15:04	05/14/22 16:46	1
1,4-Difluorobenzene (Surr)	98		70 - 130				05/13/22 15:04	05/14/22 16:46	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/16/22 09:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/16/22 12:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/12/22 15:30	05/13/22 15:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/12/22 15:30	05/13/22 15:49	1

Eurofins Midland

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Client Sample ID: G48

Lab Sample ID: 880-14745-27

Date Collected: 05/12/22 09:14

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/12/22 15:30	05/13/22 15:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				05/12/22 15:30	05/13/22 15:49	1
o-Terphenyl	97		70 - 130				05/12/22 15:30	05/13/22 15:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	55.0		5.04		mg/Kg			05/16/22 12:59	1

Client Sample ID: G47

Lab Sample ID: 880-14745-28

Date Collected: 05/12/22 09:16

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/13/22 15:04	05/14/22 17:06	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/13/22 15:04	05/14/22 17:06	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/13/22 15:04	05/14/22 17:06	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/13/22 15:04	05/14/22 17:06	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/13/22 15:04	05/14/22 17:06	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/13/22 15:04	05/14/22 17:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				05/13/22 15:04	05/14/22 17:06	1
1,4-Difluorobenzene (Surr)	97		70 - 130				05/13/22 15:04	05/14/22 17:06	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/16/22 09:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	630		50.0		mg/Kg			05/16/22 12:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/12/22 15:30	05/13/22 16:11	1
Diesel Range Organics (Over C10-C28)	630		50.0		mg/Kg		05/12/22 15:30	05/13/22 16:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/12/22 15:30	05/13/22 16:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				05/12/22 15:30	05/13/22 16:11	1
o-Terphenyl	97		70 - 130				05/12/22 15:30	05/13/22 16:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68.3		4.99		mg/Kg			05/16/22 13:07	1

Eurofins Midland

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Client Sample ID: G46

Lab Sample ID: 880-14745-29

Date Collected: 05/12/22 09:18

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/13/22 15:04	05/14/22 17:27	1
Toluene	0.00270		0.00202		mg/Kg		05/13/22 15:04	05/14/22 17:27	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/13/22 15:04	05/14/22 17:27	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		05/13/22 15:04	05/14/22 17:27	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/13/22 15:04	05/14/22 17:27	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/13/22 15:04	05/14/22 17:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	05/13/22 15:04	05/14/22 17:27	1
1,4-Difluorobenzene (Surr)	94		70 - 130	05/13/22 15:04	05/14/22 17:27	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			05/16/22 09:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/16/22 12:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/12/22 15:30	05/13/22 16:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/12/22 15:30	05/13/22 16:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/12/22 15:30	05/13/22 16:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	05/12/22 15:30	05/13/22 16:33	1
o-Terphenyl	88		70 - 130	05/12/22 15:30	05/13/22 16:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	254	F1 F2	5.00		mg/Kg			05/16/22 13:15	1

Client Sample ID: G45

Lab Sample ID: 880-14745-30

Date Collected: 05/12/22 09:20

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/13/22 15:04	05/14/22 17:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/13/22 15:04	05/14/22 17:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/13/22 15:04	05/14/22 17:47	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/13/22 15:04	05/14/22 17:47	1
o-Xylene	0.00230		0.00200		mg/Kg		05/13/22 15:04	05/14/22 17:47	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/13/22 15:04	05/14/22 17:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	05/13/22 15:04	05/14/22 17:47	1
1,4-Difluorobenzene (Surr)	96		70 - 130	05/13/22 15:04	05/14/22 17:47	1

Eurofins Midland

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Client Sample ID: G45

Lab Sample ID: 880-14745-30

Date Collected: 05/12/22 09:20

Matrix: Solid

Date Received: 05/12/22 13:30

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			05/16/22 09:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/16/22 12:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/12/22 15:30	05/13/22 16:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/12/22 15:30	05/13/22 16:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/12/22 15:30	05/13/22 16:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				05/12/22 15:30	05/13/22 16:54	1
o-Terphenyl	80		70 - 130				05/12/22 15:30	05/13/22 16:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	293		5.00		mg/Kg			05/16/22 13:40	1

Client Sample ID: G44R

Lab Sample ID: 880-14745-31

Date Collected: 05/12/22 09:22

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		05/13/22 15:04	05/14/22 18:08	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/13/22 15:04	05/14/22 18:08	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/13/22 15:04	05/14/22 18:08	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		05/13/22 15:04	05/14/22 18:08	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/13/22 15:04	05/14/22 18:08	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/13/22 15:04	05/14/22 18:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				05/13/22 15:04	05/14/22 18:08	1
1,4-Difluorobenzene (Surr)	95		70 - 130				05/13/22 15:04	05/14/22 18:08	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			05/16/22 09:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/16/22 12:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/12/22 15:30	05/13/22 17:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/12/22 15:30	05/13/22 17:37	1

Eurofins Midland

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Client Sample ID: G44R

Lab Sample ID: 880-14745-31

Date Collected: 05/12/22 09:22

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/12/22 15:30	05/13/22 17:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				05/12/22 15:30	05/13/22 17:37	1
o-Terphenyl	84		70 - 130				05/12/22 15:30	05/13/22 17:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68.2		4.98		mg/Kg			05/16/22 13:49	1

Client Sample ID: G7E

Lab Sample ID: 880-14745-32

Date Collected: 05/12/22 09:24

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/13/22 15:04	05/14/22 18:28	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/13/22 15:04	05/14/22 18:28	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/13/22 15:04	05/14/22 18:28	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/13/22 15:04	05/14/22 18:28	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/13/22 15:04	05/14/22 18:28	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/13/22 15:04	05/14/22 18:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				05/13/22 15:04	05/14/22 18:28	1
1,4-Difluorobenzene (Surr)	96		70 - 130				05/13/22 15:04	05/14/22 18:28	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/16/22 09:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/16/22 12:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/12/22 15:30	05/13/22 17:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/12/22 15:30	05/13/22 17:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/12/22 15:30	05/13/22 17:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				05/12/22 15:30	05/13/22 17:59	1
o-Terphenyl	89		70 - 130				05/12/22 15:30	05/13/22 17:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	185		4.99		mg/Kg			05/16/22 14:22	1

Eurofins Midland

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Client Sample ID: G144

Lab Sample ID: 880-14745-33

Date Collected: 05/12/22 09:26

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.202	U	0.202		mg/Kg		05/13/22 15:04	05/14/22 18:49	100
Toluene	5.24		0.202		mg/Kg		05/13/22 15:04	05/14/22 18:49	100
Ethylbenzene	4.65		0.202		mg/Kg		05/13/22 15:04	05/14/22 18:49	100
m-Xylene & p-Xylene	12.0		0.404		mg/Kg		05/13/22 15:04	05/14/22 18:49	100
o-Xylene	4.04		0.202		mg/Kg		05/13/22 15:04	05/14/22 18:49	100
Xylenes, Total	16.0		0.404		mg/Kg		05/13/22 15:04	05/14/22 18:49	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	148	S1+	70 - 130	05/13/22 15:04	05/14/22 18:49	100
1,4-Difluorobenzene (Surr)	88		70 - 130	05/13/22 15:04	05/14/22 18:49	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	25.9		0.404		mg/Kg			05/16/22 09:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	8200		49.8		mg/Kg			05/16/22 12:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	143		49.8		mg/Kg		05/12/22 15:30	05/13/22 18:20	1
Diesel Range Organics (Over C10-C28)	7240		49.8		mg/Kg		05/12/22 15:30	05/13/22 18:20	1
Oil Range Organics (Over C28-C36)	816		49.8		mg/Kg		05/12/22 15:30	05/13/22 18:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130	05/12/22 15:30	05/13/22 18:20	1
o-Terphenyl	137	S1+	70 - 130	05/12/22 15:30	05/13/22 18:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	148		5.00		mg/Kg			05/16/22 14:31	1

Client Sample ID: G110

Lab Sample ID: 880-14745-34

Date Collected: 05/12/22 09:22

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0770		0.0399		mg/Kg		05/13/22 15:08	05/14/22 02:16	20
Toluene	1.52		0.0399		mg/Kg		05/13/22 15:08	05/14/22 02:16	20
Ethylbenzene	1.68		0.0399		mg/Kg		05/13/22 15:08	05/14/22 02:16	20
m-Xylene & p-Xylene	3.90		0.0798		mg/Kg		05/13/22 15:08	05/14/22 02:16	20
o-Xylene	1.52		0.0399		mg/Kg		05/13/22 15:08	05/14/22 02:16	20
Xylenes, Total	5.42		0.0798		mg/Kg		05/13/22 15:08	05/14/22 02:16	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	201	S1+	70 - 130	05/13/22 15:08	05/14/22 02:16	20
1,4-Difluorobenzene (Surr)	88		70 - 130	05/13/22 15:08	05/14/22 02:16	20

Eurofins Midland

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Client Sample ID: G110

Lab Sample ID: 880-14745-34

Date Collected: 05/12/22 09:22

Matrix: Solid

Date Received: 05/12/22 13:30

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	8.70		0.0798		mg/Kg			05/16/22 09:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	7200		49.9		mg/Kg			05/16/22 12:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	615		49.9		mg/Kg		05/12/22 15:30	05/13/22 18:42	1
Diesel Range Organics (Over C10-C28)	5990		49.9		mg/Kg		05/12/22 15:30	05/13/22 18:42	1
Oil Range Organics (Over C28-C36)	591		49.9		mg/Kg		05/12/22 15:30	05/13/22 18:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				05/12/22 15:30	05/13/22 18:42	1
o-Terphenyl	87		70 - 130				05/12/22 15:30	05/13/22 18:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	47.5		4.95		mg/Kg			05/16/22 14:39	1

Client Sample ID: G72

Lab Sample ID: 880-14745-35

Date Collected: 05/12/22 09:30

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0705		0.0400		mg/Kg		05/13/22 15:08	05/14/22 02:36	20
Toluene	0.276		0.0400		mg/Kg		05/13/22 15:08	05/14/22 02:36	20
Ethylbenzene	0.530		0.0400		mg/Kg		05/13/22 15:08	05/14/22 02:36	20
m-Xylene & p-Xylene	1.01		0.0800		mg/Kg		05/13/22 15:08	05/14/22 02:36	20
o-Xylene	0.597		0.0400		mg/Kg		05/13/22 15:08	05/14/22 02:36	20
Xylenes, Total	1.61		0.0800		mg/Kg		05/13/22 15:08	05/14/22 02:36	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				05/13/22 15:08	05/14/22 02:36	20
1,4-Difluorobenzene (Surr)	83		70 - 130				05/13/22 15:08	05/14/22 02:36	20

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	2.48		0.0800		mg/Kg			05/16/22 09:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	5820		50.0		mg/Kg			05/16/22 12:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	443		50.0		mg/Kg		05/12/22 15:30	05/13/22 19:04	1

Eurofins Midland

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Client Sample ID: G72

Lab Sample ID: 880-14745-35

Date Collected: 05/12/22 09:30

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	4910		50.0		mg/Kg		05/12/22 15:30	05/13/22 19:04	1
Oil Range Organics (Over C28-C36)	464		50.0		mg/Kg		05/12/22 15:30	05/13/22 19:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				05/12/22 15:30	05/13/22 19:04	1
o-Terphenyl	75		70 - 130				05/12/22 15:30	05/13/22 19:04	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.8		4.95		mg/Kg			05/16/22 14:48	1

Client Sample ID: G36

Lab Sample ID: 880-14745-36

Date Collected: 05/12/22 09:32

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U F2 F1	0.00199		mg/Kg		05/13/22 15:08	05/13/22 23:52	1
Toluene	0.0509	F1	0.00199		mg/Kg		05/13/22 15:08	05/13/22 23:52	1
Ethylbenzene	0.0433	F1	0.00199		mg/Kg		05/13/22 15:08	05/13/22 23:52	1
m-Xylene & p-Xylene	0.129	F1	0.00398		mg/Kg		05/13/22 15:08	05/13/22 23:52	1
o-Xylene	0.0549	F1	0.00199		mg/Kg		05/13/22 15:08	05/13/22 23:52	1
Xylenes, Total	0.184	F1	0.00398		mg/Kg		05/13/22 15:08	05/13/22 23:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130				05/13/22 15:08	05/13/22 23:52	1
1,4-Difluorobenzene (Surr)	92		70 - 130				05/13/22 15:08	05/13/22 23:52	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.278		0.00398		mg/Kg			05/16/22 09:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2700		50.0		mg/Kg			05/16/22 12:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	87.9		50.0		mg/Kg		05/12/22 15:30	05/13/22 19:25	1
Diesel Range Organics (Over C10-C28)	2410		50.0		mg/Kg		05/12/22 15:30	05/13/22 19:25	1
Oil Range Organics (Over C28-C36)	205		50.0		mg/Kg		05/12/22 15:30	05/13/22 19:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				05/12/22 15:30	05/13/22 19:25	1
o-Terphenyl	66	S1-	70 - 130				05/12/22 15:30	05/13/22 19:25	1

Eurofins Midland

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Client Sample ID: G36

Lab Sample ID: 880-14745-36

Date Collected: 05/12/22 09:32

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	371		5.00		mg/Kg			05/16/22 14:56	1

Client Sample ID: G171

Lab Sample ID: 880-14745-37

Date Collected: 05/12/22 09:34

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0961		0.0398		mg/Kg		05/13/22 15:08	05/14/22 02:57	20
Toluene	0.225		0.0398		mg/Kg		05/13/22 15:08	05/14/22 02:57	20
Ethylbenzene	0.201		0.0398		mg/Kg		05/13/22 15:08	05/14/22 02:57	20
m-Xylene & p-Xylene	0.208		0.0797		mg/Kg		05/13/22 15:08	05/14/22 02:57	20
o-Xylene	0.159		0.0398		mg/Kg		05/13/22 15:08	05/14/22 02:57	20
Xylenes, Total	0.367		0.0797		mg/Kg		05/13/22 15:08	05/14/22 02:57	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130	05/13/22 15:08	05/14/22 02:57	20
1,4-Difluorobenzene (Surr)	91		70 - 130	05/13/22 15:08	05/14/22 02:57	20

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.889		0.0797		mg/Kg			05/16/22 09:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	733		49.9		mg/Kg			05/16/22 12:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/12/22 15:30	05/13/22 19:47	1
Diesel Range Organics (Over C10-C28)	682		49.9		mg/Kg		05/12/22 15:30	05/13/22 19:47	1
Oil Range Organics (Over C28-C36)	51.1		49.9		mg/Kg		05/12/22 15:30	05/13/22 19:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	05/12/22 15:30	05/13/22 19:47	1
o-Terphenyl	86		70 - 130	05/12/22 15:30	05/13/22 19:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66.0		4.96		mg/Kg			05/16/22 15:04	1

Client Sample ID: G122

Lab Sample ID: 880-14745-38

Date Collected: 05/12/22 08:36

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		05/15/22 16:33	05/16/22 16:34	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/15/22 16:33	05/16/22 16:34	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/15/22 16:33	05/16/22 16:34	1

Eurofins Midland

Client Sample Results

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Client Sample ID: G122

Lab Sample ID: 880-14745-38

Date Collected: 05/12/22 08:36

Matrix: Solid

Date Received: 05/12/22 13:30

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		05/15/22 16:33	05/16/22 16:34	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/15/22 16:33	05/16/22 16:34	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/15/22 16:33	05/16/22 16:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				05/15/22 16:33	05/16/22 16:34	1
1,4-Difluorobenzene (Surr)	95		70 - 130				05/15/22 16:33	05/16/22 16:34	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			05/16/22 09:04	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	62.9		50.0		mg/Kg			05/16/22 12:00	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/12/22 15:30	05/13/22 20:08	1
Diesel Range Organics (Over C10-C28)	62.9		50.0		mg/Kg		05/12/22 15:30	05/13/22 20:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/12/22 15:30	05/13/22 20:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				05/12/22 15:30	05/13/22 20:08	1
o-Terphenyl	90		70 - 130				05/12/22 15:30	05/13/22 20:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	283		50.0		mg/Kg			05/13/22 12:01	10

Eurofins Midland

Surrogate Summary

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-14745-1	G58	115	98
880-14745-1 MS	G58	111	103
880-14745-1 MSD	G58	107	99
880-14745-2	G92	111	93
880-14745-3	G57	104	95
880-14745-4	G91	112	97
880-14745-5	G126	113	99
880-14745-6	G125	80	69 S1-
880-14745-7	G56	119	94
880-14745-8	G90	113	98
880-14745-9	G124	112	99
880-14745-10	G123	112	96
880-14745-11	G87	108	98
880-14745-12	G88	111	99
880-14745-13	G89	108	100
880-14745-14	G157	112	100
880-14745-15	G158	111	100
880-14745-16	G159	108	98
880-14745-17	G193	113	99
880-14745-18	G194	111	99
880-14745-19	G223	111	100
880-14745-20	G224	109	99
880-14745-21	G225	114	99
880-14745-21 MS	G225	110	99
880-14745-21 MSD	G225	112	98
880-14745-22	G226	112	98
880-14745-23	G227	113	97
880-14745-24	G228	114	99
880-14745-25	G50	107	95
880-14745-26	G49	107	94
880-14745-27	G48	111	98
880-14745-28	G47	115	97
880-14745-29	G46	109	94
880-14745-30	G45	113	96
880-14745-31	G44R	109	95
880-14745-32	G7E	111	96
880-14745-33	G144	148 S1+	88
880-14745-34	G110	201 S1+	88
880-14745-35	G72	120	83
880-14745-36	G36	134 S1+	92
880-14745-36 MS	G36	127	93
880-14745-36 MSD	G36	134 S1+	89
880-14745-37	G171	140 S1+	91
880-14745-38	G122	113	95
890-2291-A-3-E MS	Matrix Spike	109	93
LCS 880-25311/1-A	Lab Control Sample	104	96
LCS 880-25436/1-A	Lab Control Sample	101	95
LCS 880-25550/1-A	Lab Control Sample	106	96
LCS 880-25551/1-A	Lab Control Sample	106	95

Eurofins Midland

Surrogate Summary

Client: Resolute Compliance LLC

Job ID: 880-14745-1

Project/Site: BluestreamTerm

SDG: Eddy County

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
LCS 880-25578/1-A	Lab Control Sample	105	94
LCSD 880-25311/2-A	Lab Control Sample Dup	106	100
LCSD 880-25436/2-A	Lab Control Sample Dup	101	97
LCSD 880-25550/2-A	Lab Control Sample Dup	105	96
LCSD 880-25551/2-A	Lab Control Sample Dup	107	96
LCSD 880-25578/2-A	Lab Control Sample Dup	106	95
MB 880-25309/5-A	Method Blank	103	91
MB 880-25311/5-A	Method Blank	98	96
MB 880-25436/5-A	Method Blank	223 S1+	215 S1+
MB 880-25550/5-A	Method Blank	102	93
MB 880-25551/5-A	Method Blank	104	94
MB 880-25578/5-A	Method Blank	101	93

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-14745-1	G58	93	95
880-14745-2	G92	93	99
880-14745-2 MS	G92	86	83
880-14745-2 MSD	G92	95	90
880-14745-3	G57	108	112
880-14745-4	G91	99	102
880-14745-5	G126	94	108
880-14745-6	G125	120	112
880-14745-7	G56	94	98
880-14745-8	G90	93	95
880-14745-9	G124	92	95
880-14745-10	G123	92	94
880-14745-11	G87	87	88
880-14745-12	G88	95	94
880-14745-13	G89	103	105
880-14745-14	G157	92	95
880-14745-15	G158	99	104
880-14745-16	G159	89	92
880-14745-17	G193	89	89
880-14745-18	G194	97	97
880-14745-19	G223	94	93
880-14745-20	G224	92	93
880-14745-21	G225	98	86
880-14745-22	G226	104	104
880-14745-22 MS	G226	95	82
880-14745-22 MSD	G226	84	72
880-14745-23	G227	87	91
880-14745-24	G228	96	96

Eurofins Midland

Surrogate Summary

Client: Resolute Compliance LLC

Job ID: 880-14745-1

Project/Site: BluestreamTerm

SDG: Eddy County

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-14745-25	G50	85	86
880-14745-26	G49	97	99
880-14745-27	G48	94	97
880-14745-28	G47	102	97
880-14745-29	G46	85	88
880-14745-30	G45	79	80
880-14745-31	G44R	80	84
880-14745-32	G7E	87	89
880-14745-33	G144	82	137 S1+
880-14745-34	G110	103	87
880-14745-35	G72	103	75
880-14745-36	G36	85	66 S1-
880-14745-37	G171	92	86
880-14745-38	G122	95	90
LCS 880-25451/2-A	Lab Control Sample	113	113
LCS 880-25452/2-A	Lab Control Sample	114	109
LCSD 880-25451/3-A	Lab Control Sample Dup	114	112
LCSD 880-25452/3-A	Lab Control Sample Dup	106	101
MB 880-25451/1-A	Method Blank	100	105
MB 880-25452/1-A	Method Blank	99	106

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-25309/5-A

Matrix: Solid

Analysis Batch: 25498

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 25309

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/11/22 09:16	05/13/22 12:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/11/22 09:16	05/13/22 12:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/11/22 09:16	05/13/22 12:01	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/11/22 09:16	05/13/22 12:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/11/22 09:16	05/13/22 12:01	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/11/22 09:16	05/13/22 12:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	05/11/22 09:16	05/13/22 12:01	1
1,4-Difluorobenzene (Surr)	91		70 - 130	05/11/22 09:16	05/13/22 12:01	1

Lab Sample ID: MB 880-25311/5-A

Matrix: Solid

Analysis Batch: 25520

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 25311

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/11/22 09:22	05/13/22 15:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/11/22 09:22	05/13/22 15:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/11/22 09:22	05/13/22 15:17	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/11/22 09:22	05/13/22 15:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/11/22 09:22	05/13/22 15:17	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/11/22 09:22	05/13/22 15:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	05/11/22 09:22	05/13/22 15:17	1
1,4-Difluorobenzene (Surr)	96		70 - 130	05/11/22 09:22	05/13/22 15:17	1

Lab Sample ID: LCS 880-25311/1-A

Matrix: Solid

Analysis Batch: 25520

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 25311

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08465		mg/Kg		85	70 - 130
Toluene	0.100	0.09009		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.09303		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	0.200	0.1949		mg/Kg		97	70 - 130
o-Xylene	0.100	0.1067		mg/Kg		107	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-25311/2-A

Matrix: Solid

Analysis Batch: 25520

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 25311

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09626		mg/Kg		96	70 - 130	13	35

Eurofins Midland

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-25311/2-A

Matrix: Solid

Analysis Batch: 25520

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 25311

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.09379		mg/Kg		94	70 - 130	4	35
Ethylbenzene	0.100	0.09653		mg/Kg		97	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.2012		mg/Kg		101	70 - 130	3	35
o-Xylene	0.100	0.1094		mg/Kg		109	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: MB 880-25436/5-A

Matrix: Solid

Analysis Batch: 25520

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 25436

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/12/22 14:44	05/14/22 02:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/12/22 14:44	05/14/22 02:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/12/22 14:44	05/14/22 02:55	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/12/22 14:44	05/14/22 02:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/12/22 14:44	05/14/22 02:55	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/12/22 14:44	05/14/22 02:55	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	223	S1+	70 - 130	05/12/22 14:44	05/14/22 02:55	1
1,4-Difluorobenzene (Surr)	215	S1+	70 - 130	05/12/22 14:44	05/14/22 02:55	1

Lab Sample ID: LCS 880-25436/1-A

Matrix: Solid

Analysis Batch: 25520

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 25436

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07161		mg/Kg		72	70 - 130
Toluene	0.100	0.08124		mg/Kg		81	70 - 130
Ethylbenzene	0.100	0.08280		mg/Kg		83	70 - 130
m-Xylene & p-Xylene	0.200	0.1711		mg/Kg		86	70 - 130
o-Xylene	0.100	0.09441		mg/Kg		94	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-25436/2-A

Matrix: Solid

Analysis Batch: 25520

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 25436

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.07495		mg/Kg		75	70 - 130	5	35
Toluene	0.100	0.07566		mg/Kg		76	70 - 130	7	35
Ethylbenzene	0.100	0.07600		mg/Kg		76	70 - 130	9	35

Eurofins Midland

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-25436/2-A

Matrix: Solid

Analysis Batch: 25520

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 25436

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	0.200	0.1582		mg/Kg		79	70 - 130	8	35
o-Xylene	0.100	0.08957		mg/Kg		90	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 880-14745-1 MS

Matrix: Solid

Analysis Batch: 25520

Client Sample ID: G58

Prep Type: Total/NA

Prep Batch: 25436

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U F1	0.101	0.06293	F1	mg/Kg		62	70 - 130
Toluene	<0.00202	U F1	0.101	0.05652	F1	mg/Kg		56	70 - 130
Ethylbenzene	<0.00202	U F1	0.101	0.05120	F1	mg/Kg		50	70 - 130
m-Xylene & p-Xylene	<0.00403	U F1	0.202	0.1048	F1	mg/Kg		51	70 - 130
o-Xylene	<0.00202	U F1	0.101	0.05682	F1	mg/Kg		56	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-14745-1 MSD

Matrix: Solid

Analysis Batch: 25520

Client Sample ID: G58

Prep Type: Total/NA

Prep Batch: 25436

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U F1	0.0996	0.07685		mg/Kg		77	70 - 130	20	35
Toluene	<0.00202	U F1	0.0996	0.06822	F1	mg/Kg		68	70 - 130	19	35
Ethylbenzene	<0.00202	U F1	0.0996	0.05953	F1	mg/Kg		59	70 - 130	15	35
m-Xylene & p-Xylene	<0.00403	U F1	0.199	0.1208	F1	mg/Kg		60	70 - 130	14	35
o-Xylene	<0.00202	U F1	0.0996	0.06294	F1	mg/Kg		63	70 - 130	10	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-25550/5-A

Matrix: Solid

Analysis Batch: 25498

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 25550

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/13/22 15:04	05/14/22 10:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/13/22 15:04	05/14/22 10:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/13/22 15:04	05/14/22 10:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/13/22 15:04	05/14/22 10:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/13/22 15:04	05/14/22 10:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/13/22 15:04	05/14/22 10:07	1

Eurofins Midland

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	05/13/22 15:04	05/14/22 10:07	1
1,4-Difluorobenzene (Surr)	93		70 - 130	05/13/22 15:04	05/14/22 10:07	1

Lab Sample ID: LCS 880-25550/1-A

Matrix: Solid

Analysis Batch: 25498

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 25550

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08379		mg/Kg		84	70 - 130
Toluene	0.100	0.08825		mg/Kg		88	70 - 130
Ethylbenzene	0.100	0.09028		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	0.200	0.1825		mg/Kg		91	70 - 130
o-Xylene	0.100	0.09380		mg/Kg		94	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-25550/2-A

Matrix: Solid

Analysis Batch: 25498

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 25550

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08866		mg/Kg		89	70 - 130	6	35
Toluene	0.100	0.09194		mg/Kg		92	70 - 130	4	35
Ethylbenzene	0.100	0.09472		mg/Kg		95	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1906		mg/Kg		95	70 - 130	4	35
o-Xylene	0.100	0.09783		mg/Kg		98	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-14745-21 MS

Matrix: Solid

Analysis Batch: 25498

Client Sample ID: G225

Prep Type: Total/NA

Prep Batch: 25550

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U F1	0.101	0.06435	F1	mg/Kg		64	70 - 130
Toluene	<0.00199	U F1	0.101	0.05699	F1	mg/Kg		57	70 - 130
Ethylbenzene	<0.00199	U F2 F1	0.101	0.04837	F1	mg/Kg		48	70 - 130
m-Xylene & p-Xylene	<0.00398	U F1	0.201	0.09588	F1	mg/Kg		48	70 - 130
o-Xylene	<0.00199	U F1	0.101	0.04892	F1	mg/Kg		49	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Eurofins Midland

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-14745-21 MSD

Matrix: Solid

Analysis Batch: 25498

Client Sample ID: G225

Prep Type: Total/NA

Prep Batch: 25550

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U F1	0.100	0.07633		mg/Kg		76	70 - 130	17	35
Toluene	<0.00199	U F1	0.100	0.07440		mg/Kg		74	70 - 130	26	35
Ethylbenzene	<0.00199	U F2 F1	0.100	0.06928	F2 F1	mg/Kg		69	70 - 130	36	35
m-Xylene & p-Xylene	<0.00398	U F1	0.200	0.1364	F1	mg/Kg		68	70 - 130	35	35
o-Xylene	<0.00199	U F1	0.100	0.06749	F1	mg/Kg		67	70 - 130	32	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: MB 880-25551/5-A

Matrix: Solid

Analysis Batch: 25498

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 25551

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/13/22 15:08	05/13/22 23:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/13/22 15:08	05/13/22 23:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/13/22 15:08	05/13/22 23:31	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/13/22 15:08	05/13/22 23:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/13/22 15:08	05/13/22 23:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/13/22 15:08	05/13/22 23:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	05/13/22 15:08	05/13/22 23:31	1
1,4-Difluorobenzene (Surr)	94		70 - 130	05/13/22 15:08	05/13/22 23:31	1

Lab Sample ID: LCS 880-25551/1-A

Matrix: Solid

Analysis Batch: 25498

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 25551

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08575		mg/Kg		86	70 - 130
Toluene	0.100	0.09186		mg/Kg		92	70 - 130
Ethylbenzene	0.100	0.09494		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	0.200	0.1922		mg/Kg		96	70 - 130
o-Xylene	0.100	0.09740		mg/Kg		97	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-25551/2-A

Matrix: Solid

Analysis Batch: 25498

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 25551

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08487		mg/Kg		85	70 - 130	1	35
Toluene	0.100	0.09015		mg/Kg		90	70 - 130	2	35

Eurofins Midland

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-25551/2-A

Matrix: Solid

Analysis Batch: 25498

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 25551

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethylbenzene	0.100	0.09422		mg/Kg		94	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.1913		mg/Kg		96	70 - 130	0	35
o-Xylene	0.100	0.09799		mg/Kg		98	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-14745-36 MS

Matrix: Solid

Analysis Batch: 25498

Client Sample ID: G36

Prep Type: Total/NA

Prep Batch: 25551

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U F2 F1	0.0996	0.05004	F1	mg/Kg		50	70 - 130
Toluene	0.0509	F1	0.0996	0.09090	F1	mg/Kg		40	70 - 130
Ethylbenzene	0.0433	F1	0.0996	0.07606	F1	mg/Kg		33	70 - 130
m-Xylene & p-Xylene	0.129	F1	0.199	0.1954	F1	mg/Kg		33	70 - 130
o-Xylene	0.0549	F1	0.0996	0.09090	F1	mg/Kg		36	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	127		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: 880-14745-36 MSD

Matrix: Solid

Analysis Batch: 25498

Client Sample ID: G36

Prep Type: Total/NA

Prep Batch: 25551

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U F2 F1	0.0992	0.03282	F2 F1	mg/Kg		32	70 - 130	42	35
Toluene	0.0509	F1	0.0992	0.06981	F1	mg/Kg		19	70 - 130	26	35
Ethylbenzene	0.0433	F1	0.0992	0.06059	F1	mg/Kg		17	70 - 130	23	35
m-Xylene & p-Xylene	0.129	F1	0.198	0.1690	F1	mg/Kg		20	70 - 130	15	35
o-Xylene	0.0549	F1	0.0992	0.07318	F1	mg/Kg		18	70 - 130	22	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: MB 880-25578/5-A

Matrix: Solid

Analysis Batch: 25591

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 25578

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/15/22 16:33	05/16/22 11:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/15/22 16:33	05/16/22 11:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/15/22 16:33	05/16/22 11:44	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/15/22 16:33	05/16/22 11:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/15/22 16:33	05/16/22 11:44	1

Eurofins Midland

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-25578/5-A

Matrix: Solid

Analysis Batch: 25591

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 25578

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/15/22 16:33	05/16/22 11:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				05/15/22 16:33	05/16/22 11:44	1
1,4-Difluorobenzene (Surr)	93		70 - 130				05/15/22 16:33	05/16/22 11:44	1

Lab Sample ID: LCS 880-25578/1-A

Matrix: Solid

Analysis Batch: 25591

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 25578

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09547		mg/Kg		95	70 - 130
Toluene	0.100	0.1055		mg/Kg		105	70 - 130
Ethylbenzene	0.100	0.1091		mg/Kg		109	70 - 130
m-Xylene & p-Xylene	0.200	0.2221		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1111		mg/Kg		111	70 - 130
Surrogate	%Recovery	Qualifier	Limits				
4-Bromofluorobenzene (Surr)	105		70 - 130				
1,4-Difluorobenzene (Surr)	94		70 - 130				

Lab Sample ID: LCSD 880-25578/2-A

Matrix: Solid

Analysis Batch: 25591

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 25578

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09231		mg/Kg		92	70 - 130	3	35
Toluene	0.100	0.1029		mg/Kg		103	70 - 130	2	35
Ethylbenzene	0.100	0.1056		mg/Kg		106	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2162		mg/Kg		108	70 - 130	3	35
o-Xylene	0.100	0.1082		mg/Kg		108	70 - 130	3	35
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	106		70 - 130						
1,4-Difluorobenzene (Surr)	95		70 - 130						

Lab Sample ID: 890-2291-A-3-E MS

Matrix: Solid

Analysis Batch: 25591

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 25578

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.101	0.08033		mg/Kg		80	70 - 130
Toluene	<0.00199	U	0.101	0.09249		mg/Kg		92	70 - 130
Ethylbenzene	<0.00199	U	0.101	0.09607		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.202	0.1994		mg/Kg		99	70 - 130
o-Xylene	<0.00199	U	0.101	0.1002		mg/Kg		99	70 - 130

Eurofins Midland

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-2291-A-3-E MS

Matrix: Solid

Analysis Batch: 25591

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 25578

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-25451/1-A

Matrix: Solid

Analysis Batch: 25492

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 25451

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/12/22 15:27	05/13/22 10:39	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/12/22 15:27	05/13/22 10:39	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/12/22 15:27	05/13/22 10:39	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane	100		70 - 130				05/12/22 15:27	05/13/22 10:39	1	
o-Terphenyl	105		70 - 130				05/12/22 15:27	05/13/22 10:39	1	

Lab Sample ID: LCS 880-25451/2-A

Matrix: Solid

Analysis Batch: 25492

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 25451

	Spike	LCS	LCS					%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Gasoline Range Organics (GRO)-C6-C10	1000	912.6		mg/Kg		91	70 - 130			
Diesel Range Organics (Over C10-C28)	1000	1095		mg/Kg		109	70 - 130			
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	113		70 - 130							
o-Terphenyl	113		70 - 130							

Lab Sample ID: LCSD 880-25451/3-A

Matrix: Solid

Analysis Batch: 25492

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 25451

	Spike	LCSD	LCSD					%Rec	RPD	Limit
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Gasoline Range Organics (GRO)-C6-C10	1000	934.0		mg/Kg		93	70 - 130	2		20
Diesel Range Organics (Over C10-C28)	1000	1127		mg/Kg		113	70 - 130	3		20
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	114		70 - 130							
o-Terphenyl	112		70 - 130							

Eurofins Midland

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-14745-2 MS

Matrix: Solid

Analysis Batch: 25492

Client Sample ID: G92

Prep Type: Total/NA

Prep Batch: 25451

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	844.4		mg/Kg		83	70 - 130
Diesel Range Organics (Over C10-C28)	216		1000	1001		mg/Kg		78	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	86		70 - 130						
o-Terphenyl	83		70 - 130						

Lab Sample ID: 880-14745-2 MSD

Matrix: Solid

Analysis Batch: 25492

Client Sample ID: G92

Prep Type: Total/NA

Prep Batch: 25451

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1011		mg/Kg		100	70 - 130	18	20
Diesel Range Organics (Over C10-C28)	216		998	1068		mg/Kg		85	70 - 130	6	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	95		70 - 130								
o-Terphenyl	90		70 - 130								

Lab Sample ID: MB 880-25452/1-A

Matrix: Solid

Analysis Batch: 25494

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 25452

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/12/22 15:30	05/13/22 10:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/12/22 15:30	05/13/22 10:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/12/22 15:30	05/13/22 10:39	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				05/12/22 15:30	05/13/22 10:39	1
o-Terphenyl	106		70 - 130				05/12/22 15:30	05/13/22 10:39	1

Lab Sample ID: LCS 880-25452/2-A

Matrix: Solid

Analysis Batch: 25494

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 25452

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1110		mg/Kg		111	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1100		mg/Kg		110	70 - 130

Eurofins Midland

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-25452/2-A

Matrix: Solid

Analysis Batch: 25494

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 25452

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	114		70 - 130
o-Terphenyl	109		70 - 130

Lab Sample ID: LCSD 880-25452/3-A

Matrix: Solid

Analysis Batch: 25494

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 25452

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1129		mg/Kg		113	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	1011		mg/Kg		101	70 - 130	8	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	106		70 - 130
o-Terphenyl	101		70 - 130

Lab Sample ID: 880-14745-22 MS

Matrix: Solid

Analysis Batch: 25494

Client Sample ID: G226

Prep Type: Total/NA

Prep Batch: 25452

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	904.0		mg/Kg		88	70 - 130		
Diesel Range Organics (Over C10-C28)	200	F1	1000	977.4		mg/Kg		78	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	95		70 - 130
o-Terphenyl	82		70 - 130

Lab Sample ID: 880-14745-22 MSD

Matrix: Solid

Analysis Batch: 25494

Client Sample ID: G226

Prep Type: Total/NA

Prep Batch: 25452

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	806.2		mg/Kg		78	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	200	F1	998	863.2	F1	mg/Kg		66	70 - 130	12	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	84		70 - 130
o-Terphenyl	72		70 - 130

Eurofins Midland

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-25437/1-A

Matrix: Solid

Analysis Batch: 25499

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			05/13/22 02:40	1

Lab Sample ID: LCS 880-25437/2-A

Matrix: Solid

Analysis Batch: 25499

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	255.2		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-25437/3-A

Matrix: Solid

Analysis Batch: 25499

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	252.1		mg/Kg		101	90 - 110	1	20

Lab Sample ID: 880-14745-1 MS

Matrix: Solid

Analysis Batch: 25499

Client Sample ID: G58

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	225		250	472.5		mg/Kg		99	90 - 110

Lab Sample ID: 880-14745-1 MSD

Matrix: Solid

Analysis Batch: 25499

Client Sample ID: G58

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	225		250	459.2		mg/Kg		94	90 - 110	3	20

Lab Sample ID: 880-14745-11 MS

Matrix: Solid

Analysis Batch: 25499

Client Sample ID: G87

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	283	F1	248	502.2	F1	mg/Kg		88	90 - 110

Lab Sample ID: 880-14745-11 MSD

Matrix: Solid

Analysis Batch: 25499

Client Sample ID: G87

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	283	F1	252	523.9		mg/Kg		95	90 - 110	4	20

Lab Sample ID: MB 880-25483/1-A

Matrix: Solid

Analysis Batch: 25537

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			05/13/22 10:57	1

Eurofins Midland

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-25483/2-A

Matrix: Solid

Analysis Batch: 25537

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	244.1		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-25483/3-A

Matrix: Solid

Analysis Batch: 25537

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	238.2		mg/Kg		95	90 - 110	2	20

Lab Sample ID: 880-14655-A-10-E MS

Matrix: Solid

Analysis Batch: 25537

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.54		248	241.6		mg/Kg		95	90 - 110

Lab Sample ID: 880-14655-A-10-F MSD

Matrix: Solid

Analysis Batch: 25537

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5.54		248	243.9		mg/Kg		96	90 - 110	1	20

Lab Sample ID: MB 880-25438/1-A

Matrix: Solid

Analysis Batch: 25553

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			05/13/22 17:05	1

Lab Sample ID: LCS 880-25438/2-A

Matrix: Solid

Analysis Batch: 25553

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	250.7		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-25438/3-A

Matrix: Solid

Analysis Batch: 25553

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	253.9		mg/Kg		102	90 - 110	1	20

Lab Sample ID: 880-14745-29 MS

Matrix: Solid

Analysis Batch: 25553

Client Sample ID: G46

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	254	F1 F2	250	549.5	F1	mg/Kg		118	90 - 110

Eurofins Midland

QC Sample Results

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-14745-29 MSD							Client Sample ID: G46					
Matrix: Solid							Prep Type: Soluble					
Analysis Batch: 25553												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	254	F1 F2	250	393.5	F1 F2	mg/Kg		56	90 - 110	33	20	

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

GC VOA

Prep Batch: 25309

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-25309/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 25311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-25311/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-25311/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-25311/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 25436

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14745-1	G58	Total/NA	Solid	5035	
880-14745-2	G92	Total/NA	Solid	5035	
880-14745-3	G57	Total/NA	Solid	5035	
880-14745-4	G91	Total/NA	Solid	5035	
880-14745-5	G126	Total/NA	Solid	5035	
880-14745-6	G125	Total/NA	Solid	5035	
880-14745-7	G56	Total/NA	Solid	5035	
880-14745-8	G90	Total/NA	Solid	5035	
880-14745-9	G124	Total/NA	Solid	5035	
880-14745-10	G123	Total/NA	Solid	5035	
880-14745-11	G87	Total/NA	Solid	5035	
880-14745-12	G88	Total/NA	Solid	5035	
880-14745-13	G89	Total/NA	Solid	5035	
880-14745-14	G157	Total/NA	Solid	5035	
880-14745-15	G158	Total/NA	Solid	5035	
880-14745-16	G159	Total/NA	Solid	5035	
880-14745-17	G193	Total/NA	Solid	5035	
880-14745-18	G194	Total/NA	Solid	5035	
880-14745-19	G223	Total/NA	Solid	5035	
880-14745-20	G224	Total/NA	Solid	5035	
MB 880-25436/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-25436/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-25436/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-14745-1 MS	G58	Total/NA	Solid	5035	
880-14745-1 MSD	G58	Total/NA	Solid	5035	

Analysis Batch: 25498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14745-21	G225	Total/NA	Solid	8021B	25550
880-14745-22	G226	Total/NA	Solid	8021B	25550
880-14745-23	G227	Total/NA	Solid	8021B	25550
880-14745-24	G228	Total/NA	Solid	8021B	25550
880-14745-25	G50	Total/NA	Solid	8021B	25550
880-14745-26	G49	Total/NA	Solid	8021B	25550
880-14745-27	G48	Total/NA	Solid	8021B	25550
880-14745-28	G47	Total/NA	Solid	8021B	25550
880-14745-29	G46	Total/NA	Solid	8021B	25550
880-14745-30	G45	Total/NA	Solid	8021B	25550
880-14745-31	G44R	Total/NA	Solid	8021B	25550
880-14745-32	G7E	Total/NA	Solid	8021B	25550
880-14745-33	G144	Total/NA	Solid	8021B	25550

Eurofins Midland

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

GC VOA (Continued)

Analysis Batch: 25498 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14745-34	G110	Total/NA	Solid	8021B	25551
880-14745-35	G72	Total/NA	Solid	8021B	25551
880-14745-36	G36	Total/NA	Solid	8021B	25551
880-14745-37	G171	Total/NA	Solid	8021B	25551
MB 880-25309/5-A	Method Blank	Total/NA	Solid	8021B	25309
MB 880-25550/5-A	Method Blank	Total/NA	Solid	8021B	25550
MB 880-25551/5-A	Method Blank	Total/NA	Solid	8021B	25551
LCS 880-25550/1-A	Lab Control Sample	Total/NA	Solid	8021B	25550
LCS 880-25551/1-A	Lab Control Sample	Total/NA	Solid	8021B	25551
LCSD 880-25550/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	25550
LCSD 880-25551/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	25551
880-14745-21 MS	G225	Total/NA	Solid	8021B	25550
880-14745-21 MSD	G225	Total/NA	Solid	8021B	25550
880-14745-36 MS	G36	Total/NA	Solid	8021B	25551
880-14745-36 MSD	G36	Total/NA	Solid	8021B	25551

Analysis Batch: 25520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14745-1	G58	Total/NA	Solid	8021B	25436
880-14745-2	G92	Total/NA	Solid	8021B	25436
880-14745-3	G57	Total/NA	Solid	8021B	25436
880-14745-4	G91	Total/NA	Solid	8021B	25436
880-14745-5	G126	Total/NA	Solid	8021B	25436
880-14745-6	G125	Total/NA	Solid	8021B	25436
880-14745-7	G56	Total/NA	Solid	8021B	25436
880-14745-8	G90	Total/NA	Solid	8021B	25436
880-14745-9	G124	Total/NA	Solid	8021B	25436
880-14745-10	G123	Total/NA	Solid	8021B	25436
880-14745-11	G87	Total/NA	Solid	8021B	25436
880-14745-12	G88	Total/NA	Solid	8021B	25436
880-14745-13	G89	Total/NA	Solid	8021B	25436
880-14745-14	G157	Total/NA	Solid	8021B	25436
880-14745-15	G158	Total/NA	Solid	8021B	25436
880-14745-16	G159	Total/NA	Solid	8021B	25436
880-14745-17	G193	Total/NA	Solid	8021B	25436
880-14745-18	G194	Total/NA	Solid	8021B	25436
880-14745-19	G223	Total/NA	Solid	8021B	25436
880-14745-20	G224	Total/NA	Solid	8021B	25436
MB 880-25311/5-A	Method Blank	Total/NA	Solid	8021B	25311
MB 880-25436/5-A	Method Blank	Total/NA	Solid	8021B	25436
LCS 880-25311/1-A	Lab Control Sample	Total/NA	Solid	8021B	25311
LCS 880-25436/1-A	Lab Control Sample	Total/NA	Solid	8021B	25436
LCSD 880-25311/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	25311
LCSD 880-25436/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	25436
880-14745-1 MS	G58	Total/NA	Solid	8021B	25436
880-14745-1 MSD	G58	Total/NA	Solid	8021B	25436

Prep Batch: 25550

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14745-21	G225	Total/NA	Solid	5035	
880-14745-22	G226	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

GC VOA (Continued)

Prep Batch: 25550 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14745-23	G227	Total/NA	Solid	5035	
880-14745-24	G228	Total/NA	Solid	5035	
880-14745-25	G50	Total/NA	Solid	5035	
880-14745-26	G49	Total/NA	Solid	5035	
880-14745-27	G48	Total/NA	Solid	5035	
880-14745-28	G47	Total/NA	Solid	5035	
880-14745-29	G46	Total/NA	Solid	5035	
880-14745-30	G45	Total/NA	Solid	5035	
880-14745-31	G44R	Total/NA	Solid	5035	
880-14745-32	G7E	Total/NA	Solid	5035	
880-14745-33	G144	Total/NA	Solid	5035	
MB 880-25550/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-25550/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-25550/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-14745-21 MS	G225	Total/NA	Solid	5035	
880-14745-21 MSD	G225	Total/NA	Solid	5035	

Prep Batch: 25551

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14745-34	G110	Total/NA	Solid	5035	
880-14745-35	G72	Total/NA	Solid	5035	
880-14745-36	G36	Total/NA	Solid	5035	
880-14745-37	G171	Total/NA	Solid	5035	
MB 880-25551/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-25551/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-25551/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-14745-36 MS	G36	Total/NA	Solid	5035	
880-14745-36 MSD	G36	Total/NA	Solid	5035	

Prep Batch: 25578

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14745-38	G122	Total/NA	Solid	5035	
MB 880-25578/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-25578/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-25578/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2291-A-3-E MS	Matrix Spike	Total/NA	Solid	5035	

Analysis Batch: 25591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14745-38	G122	Total/NA	Solid	8021B	25578
MB 880-25578/5-A	Method Blank	Total/NA	Solid	8021B	25578
LCS 880-25578/1-A	Lab Control Sample	Total/NA	Solid	8021B	25578
LCSD 880-25578/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	25578
890-2291-A-3-E MS	Matrix Spike	Total/NA	Solid	8021B	25578

Analysis Batch: 25592

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14745-1	G58	Total/NA	Solid	Total BTEX	
880-14745-2	G92	Total/NA	Solid	Total BTEX	
880-14745-3	G57	Total/NA	Solid	Total BTEX	
880-14745-4	G91	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

GC VOA (Continued)

Analysis Batch: 25592 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14745-5	G126	Total/NA	Solid	Total BTEX	
880-14745-6	G125	Total/NA	Solid	Total BTEX	
880-14745-7	G56	Total/NA	Solid	Total BTEX	
880-14745-8	G90	Total/NA	Solid	Total BTEX	
880-14745-9	G124	Total/NA	Solid	Total BTEX	
880-14745-10	G123	Total/NA	Solid	Total BTEX	
880-14745-11	G87	Total/NA	Solid	Total BTEX	
880-14745-12	G88	Total/NA	Solid	Total BTEX	
880-14745-13	G89	Total/NA	Solid	Total BTEX	
880-14745-14	G157	Total/NA	Solid	Total BTEX	
880-14745-15	G158	Total/NA	Solid	Total BTEX	
880-14745-16	G159	Total/NA	Solid	Total BTEX	
880-14745-17	G193	Total/NA	Solid	Total BTEX	
880-14745-18	G194	Total/NA	Solid	Total BTEX	
880-14745-19	G223	Total/NA	Solid	Total BTEX	
880-14745-20	G224	Total/NA	Solid	Total BTEX	
880-14745-21	G225	Total/NA	Solid	Total BTEX	
880-14745-22	G226	Total/NA	Solid	Total BTEX	
880-14745-23	G227	Total/NA	Solid	Total BTEX	
880-14745-24	G228	Total/NA	Solid	Total BTEX	
880-14745-25	G50	Total/NA	Solid	Total BTEX	
880-14745-26	G49	Total/NA	Solid	Total BTEX	
880-14745-27	G48	Total/NA	Solid	Total BTEX	
880-14745-28	G47	Total/NA	Solid	Total BTEX	
880-14745-29	G46	Total/NA	Solid	Total BTEX	
880-14745-30	G45	Total/NA	Solid	Total BTEX	
880-14745-31	G44R	Total/NA	Solid	Total BTEX	
880-14745-32	G7E	Total/NA	Solid	Total BTEX	
880-14745-33	G144	Total/NA	Solid	Total BTEX	
880-14745-34	G110	Total/NA	Solid	Total BTEX	
880-14745-35	G72	Total/NA	Solid	Total BTEX	
880-14745-36	G36	Total/NA	Solid	Total BTEX	
880-14745-37	G171	Total/NA	Solid	Total BTEX	
880-14745-38	G122	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 25451

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14745-1	G58	Total/NA	Solid	8015NM Prep	
880-14745-2	G92	Total/NA	Solid	8015NM Prep	
880-14745-3	G57	Total/NA	Solid	8015NM Prep	
880-14745-4	G91	Total/NA	Solid	8015NM Prep	
880-14745-5	G126	Total/NA	Solid	8015NM Prep	
880-14745-6	G125	Total/NA	Solid	8015NM Prep	
880-14745-7	G56	Total/NA	Solid	8015NM Prep	
880-14745-8	G90	Total/NA	Solid	8015NM Prep	
880-14745-9	G124	Total/NA	Solid	8015NM Prep	
880-14745-10	G123	Total/NA	Solid	8015NM Prep	
880-14745-11	G87	Total/NA	Solid	8015NM Prep	
880-14745-12	G88	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

GC Semi VOA (Continued)

Prep Batch: 25451 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14745-13	G89	Total/NA	Solid	8015NM Prep	
880-14745-14	G157	Total/NA	Solid	8015NM Prep	
880-14745-15	G158	Total/NA	Solid	8015NM Prep	
880-14745-16	G159	Total/NA	Solid	8015NM Prep	
880-14745-17	G193	Total/NA	Solid	8015NM Prep	
880-14745-18	G194	Total/NA	Solid	8015NM Prep	
880-14745-19	G223	Total/NA	Solid	8015NM Prep	
880-14745-20	G224	Total/NA	Solid	8015NM Prep	
MB 880-25451/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-25451/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-25451/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-14745-2 MS	G92	Total/NA	Solid	8015NM Prep	
880-14745-2 MSD	G92	Total/NA	Solid	8015NM Prep	

Prep Batch: 25452

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14745-21	G225	Total/NA	Solid	8015NM Prep	
880-14745-22	G226	Total/NA	Solid	8015NM Prep	
880-14745-23	G227	Total/NA	Solid	8015NM Prep	
880-14745-24	G228	Total/NA	Solid	8015NM Prep	
880-14745-25	G50	Total/NA	Solid	8015NM Prep	
880-14745-26	G49	Total/NA	Solid	8015NM Prep	
880-14745-27	G48	Total/NA	Solid	8015NM Prep	
880-14745-28	G47	Total/NA	Solid	8015NM Prep	
880-14745-29	G46	Total/NA	Solid	8015NM Prep	
880-14745-30	G45	Total/NA	Solid	8015NM Prep	
880-14745-31	G44R	Total/NA	Solid	8015NM Prep	
880-14745-32	G7E	Total/NA	Solid	8015NM Prep	
880-14745-33	G144	Total/NA	Solid	8015NM Prep	
880-14745-34	G110	Total/NA	Solid	8015NM Prep	
880-14745-35	G72	Total/NA	Solid	8015NM Prep	
880-14745-36	G36	Total/NA	Solid	8015NM Prep	
880-14745-37	G171	Total/NA	Solid	8015NM Prep	
880-14745-38	G122	Total/NA	Solid	8015NM Prep	
MB 880-25452/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-25452/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-25452/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-14745-22 MS	G226	Total/NA	Solid	8015NM Prep	
880-14745-22 MSD	G226	Total/NA	Solid	8015NM Prep	

Analysis Batch: 25492

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14745-1	G58	Total/NA	Solid	8015B NM	25451
880-14745-2	G92	Total/NA	Solid	8015B NM	25451
880-14745-3	G57	Total/NA	Solid	8015B NM	25451
880-14745-4	G91	Total/NA	Solid	8015B NM	25451
880-14745-5	G126	Total/NA	Solid	8015B NM	25451
880-14745-6	G125	Total/NA	Solid	8015B NM	25451
880-14745-7	G56	Total/NA	Solid	8015B NM	25451
880-14745-8	G90	Total/NA	Solid	8015B NM	25451
880-14745-9	G124	Total/NA	Solid	8015B NM	25451

Eurofins Midland

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

GC Semi VOA (Continued)

Analysis Batch: 25492 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14745-10	G123	Total/NA	Solid	8015B NM	25451
880-14745-11	G87	Total/NA	Solid	8015B NM	25451
880-14745-12	G88	Total/NA	Solid	8015B NM	25451
880-14745-13	G89	Total/NA	Solid	8015B NM	25451
880-14745-14	G157	Total/NA	Solid	8015B NM	25451
880-14745-15	G158	Total/NA	Solid	8015B NM	25451
880-14745-16	G159	Total/NA	Solid	8015B NM	25451
880-14745-17	G193	Total/NA	Solid	8015B NM	25451
880-14745-18	G194	Total/NA	Solid	8015B NM	25451
880-14745-19	G223	Total/NA	Solid	8015B NM	25451
880-14745-20	G224	Total/NA	Solid	8015B NM	25451
MB 880-25451/1-A	Method Blank	Total/NA	Solid	8015B NM	25451
LCS 880-25451/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	25451
LCSD 880-25451/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	25451
880-14745-2 MS	G92	Total/NA	Solid	8015B NM	25451
880-14745-2 MSD	G92	Total/NA	Solid	8015B NM	25451

Analysis Batch: 25494

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14745-21	G225	Total/NA	Solid	8015B NM	25452
880-14745-22	G226	Total/NA	Solid	8015B NM	25452
880-14745-23	G227	Total/NA	Solid	8015B NM	25452
880-14745-24	G228	Total/NA	Solid	8015B NM	25452
880-14745-25	G50	Total/NA	Solid	8015B NM	25452
880-14745-26	G49	Total/NA	Solid	8015B NM	25452
880-14745-27	G48	Total/NA	Solid	8015B NM	25452
880-14745-28	G47	Total/NA	Solid	8015B NM	25452
880-14745-29	G46	Total/NA	Solid	8015B NM	25452
880-14745-30	G45	Total/NA	Solid	8015B NM	25452
880-14745-31	G44R	Total/NA	Solid	8015B NM	25452
880-14745-32	G7E	Total/NA	Solid	8015B NM	25452
880-14745-33	G144	Total/NA	Solid	8015B NM	25452
880-14745-34	G110	Total/NA	Solid	8015B NM	25452
880-14745-35	G72	Total/NA	Solid	8015B NM	25452
880-14745-36	G36	Total/NA	Solid	8015B NM	25452
880-14745-37	G171	Total/NA	Solid	8015B NM	25452
880-14745-38	G122	Total/NA	Solid	8015B NM	25452
MB 880-25452/1-A	Method Blank	Total/NA	Solid	8015B NM	25452
LCS 880-25452/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	25452
LCSD 880-25452/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	25452
880-14745-22 MS	G226	Total/NA	Solid	8015B NM	25452
880-14745-22 MSD	G226	Total/NA	Solid	8015B NM	25452

Analysis Batch: 25626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14745-1	G58	Total/NA	Solid	8015 NM	
880-14745-2	G92	Total/NA	Solid	8015 NM	
880-14745-3	G57	Total/NA	Solid	8015 NM	
880-14745-4	G91	Total/NA	Solid	8015 NM	
880-14745-5	G126	Total/NA	Solid	8015 NM	
880-14745-6	G125	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

GC Semi VOA (Continued)

Analysis Batch: 25626 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14745-7	G56	Total/NA	Solid	8015 NM	
880-14745-8	G90	Total/NA	Solid	8015 NM	
880-14745-9	G124	Total/NA	Solid	8015 NM	
880-14745-10	G123	Total/NA	Solid	8015 NM	
880-14745-11	G87	Total/NA	Solid	8015 NM	
880-14745-12	G88	Total/NA	Solid	8015 NM	
880-14745-13	G89	Total/NA	Solid	8015 NM	
880-14745-14	G157	Total/NA	Solid	8015 NM	
880-14745-15	G158	Total/NA	Solid	8015 NM	
880-14745-16	G159	Total/NA	Solid	8015 NM	
880-14745-17	G193	Total/NA	Solid	8015 NM	
880-14745-18	G194	Total/NA	Solid	8015 NM	
880-14745-19	G223	Total/NA	Solid	8015 NM	
880-14745-20	G224	Total/NA	Solid	8015 NM	
880-14745-21	G225	Total/NA	Solid	8015 NM	
880-14745-22	G226	Total/NA	Solid	8015 NM	
880-14745-23	G227	Total/NA	Solid	8015 NM	
880-14745-24	G228	Total/NA	Solid	8015 NM	
880-14745-25	G50	Total/NA	Solid	8015 NM	
880-14745-26	G49	Total/NA	Solid	8015 NM	
880-14745-27	G48	Total/NA	Solid	8015 NM	
880-14745-28	G47	Total/NA	Solid	8015 NM	
880-14745-29	G46	Total/NA	Solid	8015 NM	
880-14745-30	G45	Total/NA	Solid	8015 NM	
880-14745-31	G44R	Total/NA	Solid	8015 NM	
880-14745-32	G7E	Total/NA	Solid	8015 NM	
880-14745-33	G144	Total/NA	Solid	8015 NM	
880-14745-34	G110	Total/NA	Solid	8015 NM	
880-14745-35	G72	Total/NA	Solid	8015 NM	
880-14745-36	G36	Total/NA	Solid	8015 NM	
880-14745-37	G171	Total/NA	Solid	8015 NM	
880-14745-38	G122	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 25437

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14745-1	G58	Soluble	Solid	DI Leach	
880-14745-2	G92	Soluble	Solid	DI Leach	
880-14745-3	G57	Soluble	Solid	DI Leach	
880-14745-4	G91	Soluble	Solid	DI Leach	
880-14745-5	G126	Soluble	Solid	DI Leach	
880-14745-6	G125	Soluble	Solid	DI Leach	
880-14745-7	G56	Soluble	Solid	DI Leach	
880-14745-8	G90	Soluble	Solid	DI Leach	
880-14745-9	G124	Soluble	Solid	DI Leach	
880-14745-10	G123	Soluble	Solid	DI Leach	
880-14745-11	G87	Soluble	Solid	DI Leach	
880-14745-12	G88	Soluble	Solid	DI Leach	
880-14745-13	G89	Soluble	Solid	DI Leach	
880-14745-14	G157	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

HPLC/IC (Continued)

Leach Batch: 25437 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14745-15	G158	Soluble	Solid	DI Leach	
880-14745-16	G159	Soluble	Solid	DI Leach	
880-14745-17	G193	Soluble	Solid	DI Leach	
880-14745-18	G194	Soluble	Solid	DI Leach	
880-14745-19	G223	Soluble	Solid	DI Leach	
880-14745-20	G224	Soluble	Solid	DI Leach	
MB 880-25437/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-25437/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-25437/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-14745-1 MS	G58	Soluble	Solid	DI Leach	
880-14745-1 MSD	G58	Soluble	Solid	DI Leach	
880-14745-11 MS	G87	Soluble	Solid	DI Leach	
880-14745-11 MSD	G87	Soluble	Solid	DI Leach	

Leach Batch: 25438

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14745-21	G225	Soluble	Solid	DI Leach	
880-14745-22	G226	Soluble	Solid	DI Leach	
880-14745-23	G227	Soluble	Solid	DI Leach	
880-14745-24	G228	Soluble	Solid	DI Leach	
880-14745-25	G50	Soluble	Solid	DI Leach	
880-14745-26	G49	Soluble	Solid	DI Leach	
880-14745-27	G48	Soluble	Solid	DI Leach	
880-14745-28	G47	Soluble	Solid	DI Leach	
880-14745-29	G46	Soluble	Solid	DI Leach	
880-14745-30	G45	Soluble	Solid	DI Leach	
880-14745-31	G44R	Soluble	Solid	DI Leach	
880-14745-32	G7E	Soluble	Solid	DI Leach	
880-14745-33	G144	Soluble	Solid	DI Leach	
880-14745-34	G110	Soluble	Solid	DI Leach	
880-14745-35	G72	Soluble	Solid	DI Leach	
880-14745-36	G36	Soluble	Solid	DI Leach	
880-14745-37	G171	Soluble	Solid	DI Leach	
MB 880-25438/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-25438/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-25438/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-14745-29 MS	G46	Soluble	Solid	DI Leach	
880-14745-29 MSD	G46	Soluble	Solid	DI Leach	

Leach Batch: 25483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14745-38	G122	Soluble	Solid	DI Leach	
MB 880-25483/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-25483/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-25483/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-14655-A-10-E MS	Matrix Spike	Soluble	Solid	DI Leach	
880-14655-A-10-F MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 25499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14745-1	G58	Soluble	Solid	300.0	25437

Eurofins Midland

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

HPLC/IC (Continued)

Analysis Batch: 25499 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14745-2	G92	Soluble	Solid	300.0	25437
880-14745-3	G57	Soluble	Solid	300.0	25437
880-14745-4	G91	Soluble	Solid	300.0	25437
880-14745-5	G126	Soluble	Solid	300.0	25437
880-14745-6	G125	Soluble	Solid	300.0	25437
880-14745-7	G56	Soluble	Solid	300.0	25437
880-14745-8	G90	Soluble	Solid	300.0	25437
880-14745-9	G124	Soluble	Solid	300.0	25437
880-14745-10	G123	Soluble	Solid	300.0	25437
880-14745-11	G87	Soluble	Solid	300.0	25437
880-14745-12	G88	Soluble	Solid	300.0	25437
880-14745-13	G89	Soluble	Solid	300.0	25437
880-14745-14	G157	Soluble	Solid	300.0	25437
880-14745-15	G158	Soluble	Solid	300.0	25437
880-14745-16	G159	Soluble	Solid	300.0	25437
880-14745-17	G193	Soluble	Solid	300.0	25437
880-14745-18	G194	Soluble	Solid	300.0	25437
880-14745-19	G223	Soluble	Solid	300.0	25437
880-14745-20	G224	Soluble	Solid	300.0	25437
MB 880-25437/1-A	Method Blank	Soluble	Solid	300.0	25437
LCS 880-25437/2-A	Lab Control Sample	Soluble	Solid	300.0	25437
LCSD 880-25437/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	25437
880-14745-1 MS	G58	Soluble	Solid	300.0	25437
880-14745-1 MSD	G58	Soluble	Solid	300.0	25437
880-14745-11 MS	G87	Soluble	Solid	300.0	25437
880-14745-11 MSD	G87	Soluble	Solid	300.0	25437

Analysis Batch: 25537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14745-38	G122	Soluble	Solid	300.0	25483
MB 880-25483/1-A	Method Blank	Soluble	Solid	300.0	25483
LCS 880-25483/2-A	Lab Control Sample	Soluble	Solid	300.0	25483
LCSD 880-25483/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	25483
880-14655-A-10-E MS	Matrix Spike	Soluble	Solid	300.0	25483
880-14655-A-10-F MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	25483

Analysis Batch: 25553

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14745-21	G225	Soluble	Solid	300.0	25438
880-14745-22	G226	Soluble	Solid	300.0	25438
880-14745-23	G227	Soluble	Solid	300.0	25438
880-14745-24	G228	Soluble	Solid	300.0	25438
880-14745-25	G50	Soluble	Solid	300.0	25438
880-14745-26	G49	Soluble	Solid	300.0	25438
880-14745-27	G48	Soluble	Solid	300.0	25438
880-14745-28	G47	Soluble	Solid	300.0	25438
880-14745-29	G46	Soluble	Solid	300.0	25438
880-14745-30	G45	Soluble	Solid	300.0	25438
880-14745-31	G44R	Soluble	Solid	300.0	25438
880-14745-32	G7E	Soluble	Solid	300.0	25438
880-14745-33	G144	Soluble	Solid	300.0	25438

Eurofins Midland

QC Association Summary

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

HPLC/IC (Continued)

Analysis Batch: 25553 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14745-34	G110	Soluble	Solid	300.0	25438
880-14745-35	G72	Soluble	Solid	300.0	25438
880-14745-36	G36	Soluble	Solid	300.0	25438
880-14745-37	G171	Soluble	Solid	300.0	25438
MB 880-25438/1-A	Method Blank	Soluble	Solid	300.0	25438
LCS 880-25438/2-A	Lab Control Sample	Soluble	Solid	300.0	25438
LCSD 880-25438/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	25438
880-14745-29 MS	G46	Soluble	Solid	300.0	25438
880-14745-29 MSD	G46	Soluble	Solid	300.0	25438

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Client Sample ID: G58

Lab Sample ID: 880-14745-1

Date Collected: 05/12/22 08:15

Matrix: Solid

Date Received: 05/12/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	25436	05/12/22 14:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25520	05/14/22 03:24	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25592	05/16/22 09:04	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25626	05/16/22 12:00	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	25451	05/12/22 15:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25492	05/13/22 14:00	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	25437	05/12/22 14:48	CH	XEN MID
Soluble	Analysis	300.0		1			25499	05/13/22 03:08	CH	XEN MID

Client Sample ID: G92

Lab Sample ID: 880-14745-2

Date Collected: 05/12/22 08:17

Matrix: Solid

Date Received: 05/12/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	25436	05/12/22 14:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25520	05/14/22 03:44	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25592	05/16/22 09:04	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25626	05/16/22 12:00	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	25451	05/12/22 15:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25492	05/13/22 12:55	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	25437	05/12/22 14:48	CH	XEN MID
Soluble	Analysis	300.0		1			25499	05/13/22 03:36	CH	XEN MID

Client Sample ID: G57

Lab Sample ID: 880-14745-3

Date Collected: 05/12/22 08:20

Matrix: Solid

Date Received: 05/12/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	25436	05/12/22 14:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25520	05/14/22 04:05	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25592	05/16/22 09:04	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25626	05/16/22 12:00	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	25451	05/12/22 15:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25492	05/13/22 14:22	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	25437	05/12/22 14:48	CH	XEN MID
Soluble	Analysis	300.0		1			25499	05/13/22 03:45	CH	XEN MID

Client Sample ID: G91

Lab Sample ID: 880-14745-4

Date Collected: 05/12/22 08:22

Matrix: Solid

Date Received: 05/12/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	25436	05/12/22 14:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25520	05/14/22 04:25	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25592	05/16/22 09:04	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Client Sample ID: G91

Lab Sample ID: 880-14745-4

Date Collected: 05/12/22 08:22

Matrix: Solid

Date Received: 05/12/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			25626	05/16/22 12:00	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	25451	05/12/22 15:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25492	05/13/22 14:44	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	25437	05/12/22 14:48	CH	XEN MID
Soluble	Analysis	300.0		1			25499	05/13/22 03:54	CH	XEN MID

Client Sample ID: G126

Lab Sample ID: 880-14745-5

Date Collected: 05/12/22 08:24

Matrix: Solid

Date Received: 05/12/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	25436	05/12/22 14:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25520	05/14/22 04:46	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25592	05/16/22 09:04	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25626	05/16/22 12:00	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	25451	05/12/22 15:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25492	05/13/22 15:06	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	25437	05/12/22 14:48	CH	XEN MID
Soluble	Analysis	300.0		1			25499	05/13/22 04:03	CH	XEN MID

Client Sample ID: G125

Lab Sample ID: 880-14745-6

Date Collected: 05/12/22 08:26

Matrix: Solid

Date Received: 05/12/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	25436	05/12/22 14:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25520	05/14/22 05:06	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25592	05/16/22 09:04	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25626	05/16/22 12:00	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	25451	05/12/22 15:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25492	05/13/22 15:27	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	25437	05/12/22 14:48	CH	XEN MID
Soluble	Analysis	300.0		1			25499	05/13/22 04:31	CH	XEN MID

Client Sample ID: G56

Lab Sample ID: 880-14745-7

Date Collected: 05/12/22 08:28

Matrix: Solid

Date Received: 05/12/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	25436	05/12/22 14:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25520	05/14/22 05:27	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25592	05/16/22 09:04	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25626	05/16/22 12:00	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	25451	05/12/22 15:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25492	05/13/22 15:49	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Client Sample ID: G56

Lab Sample ID: 880-14745-7

Date Collected: 05/12/22 08:28

Matrix: Solid

Date Received: 05/12/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	25437	05/12/22 14:48	CH	XEN MID
Soluble	Analysis	300.0		1			25499	05/13/22 04:40	CH	XEN MID

Client Sample ID: G90

Lab Sample ID: 880-14745-8

Date Collected: 05/12/22 08:30

Matrix: Solid

Date Received: 05/12/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	25436	05/12/22 14:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25520	05/14/22 05:47	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25592	05/16/22 09:04	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25626	05/16/22 12:00	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	25451	05/12/22 15:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25492	05/13/22 16:11	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	25437	05/12/22 14:48	CH	XEN MID
Soluble	Analysis	300.0		1			25499	05/13/22 04:49	CH	XEN MID

Client Sample ID: G124

Lab Sample ID: 880-14745-9

Date Collected: 05/12/22 08:32

Matrix: Solid

Date Received: 05/12/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	25436	05/12/22 14:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25520	05/14/22 06:07	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25592	05/16/22 09:04	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25626	05/16/22 12:00	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	25451	05/12/22 15:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25492	05/13/22 16:33	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	25437	05/12/22 14:48	CH	XEN MID
Soluble	Analysis	300.0		1			25499	05/13/22 04:59	CH	XEN MID

Client Sample ID: G123

Lab Sample ID: 880-14745-10

Date Collected: 05/12/22 08:34

Matrix: Solid

Date Received: 05/12/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	25436	05/12/22 14:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25520	05/14/22 06:28	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25592	05/16/22 09:04	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25626	05/16/22 12:00	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	25451	05/12/22 15:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25492	05/13/22 16:54	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	25437	05/12/22 14:48	CH	XEN MID
Soluble	Analysis	300.0		1			25499	05/13/22 05:08	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Client Sample ID: G87

Lab Sample ID: 880-14745-11

Date Collected: 05/12/22 08:38

Matrix: Solid

Date Received: 05/12/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	25436	05/12/22 14:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25520	05/14/22 08:18	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25592	05/16/22 09:04	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25626	05/16/22 12:00	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	25451	05/12/22 15:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25492	05/13/22 17:37	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	25437	05/12/22 14:48	CH	XEN MID
Soluble	Analysis	300.0		1			25499	05/13/22 05:17	CH	XEN MID

Client Sample ID: G88

Lab Sample ID: 880-14745-12

Date Collected: 05/12/22 08:40

Matrix: Solid

Date Received: 05/12/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	25436	05/12/22 14:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25520	05/14/22 08:38	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25592	05/16/22 09:04	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25626	05/16/22 12:00	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	25451	05/12/22 15:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25492	05/13/22 17:59	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	25437	05/12/22 14:48	CH	XEN MID
Soluble	Analysis	300.0		1			25499	05/13/22 05:45	CH	XEN MID

Client Sample ID: G89

Lab Sample ID: 880-14745-13

Date Collected: 05/12/22 08:42

Matrix: Solid

Date Received: 05/12/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	25436	05/12/22 14:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25520	05/14/22 08:59	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25592	05/16/22 09:04	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25626	05/16/22 12:00	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	25451	05/12/22 15:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25492	05/13/22 18:20	SM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	25437	05/12/22 14:48	CH	XEN MID
Soluble	Analysis	300.0		1			25499	05/13/22 05:54	CH	XEN MID

Client Sample ID: G157

Lab Sample ID: 880-14745-14

Date Collected: 05/12/22 08:44

Matrix: Solid

Date Received: 05/12/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	25436	05/12/22 14:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25520	05/14/22 09:19	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25592	05/16/22 09:04	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Client Sample ID: G157

Lab Sample ID: 880-14745-14

Date Collected: 05/12/22 08:44

Matrix: Solid

Date Received: 05/12/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			25626	05/16/22 12:00	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	25451	05/12/22 15:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25492	05/13/22 18:42	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	25437	05/12/22 14:48	CH	XEN MID
Soluble	Analysis	300.0		1			25499	05/13/22 06:22	CH	XEN MID

Client Sample ID: G158

Lab Sample ID: 880-14745-15

Date Collected: 05/12/22 08:46

Matrix: Solid

Date Received: 05/12/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	25436	05/12/22 14:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25520	05/14/22 09:40	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25592	05/16/22 09:04	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25626	05/16/22 12:00	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	25451	05/12/22 15:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25492	05/13/22 19:04	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	25437	05/12/22 14:48	CH	XEN MID
Soluble	Analysis	300.0		1			25499	05/13/22 06:31	CH	XEN MID

Client Sample ID: G159

Lab Sample ID: 880-14745-16

Date Collected: 05/12/22 08:50

Matrix: Solid

Date Received: 05/12/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	25436	05/12/22 14:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25520	05/14/22 10:00	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25592	05/16/22 09:04	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25626	05/16/22 12:00	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	25451	05/12/22 15:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25492	05/13/22 19:25	SM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	25437	05/12/22 14:48	CH	XEN MID
Soluble	Analysis	300.0		1			25499	05/13/22 06:40	CH	XEN MID

Client Sample ID: G193

Lab Sample ID: 880-14745-17

Date Collected: 05/12/22 08:54

Matrix: Solid

Date Received: 05/12/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	25436	05/12/22 14:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25520	05/14/22 10:21	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25592	05/16/22 09:04	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25626	05/16/22 12:00	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	25451	05/12/22 15:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25492	05/13/22 19:47	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Client Sample ID: G193**Lab Sample ID: 880-14745-17****Date Collected: 05/12/22 08:54****Matrix: Solid****Date Received: 05/12/22 13:30**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	25437	05/12/22 14:48	CH	XEN MID
Soluble	Analysis	300.0		1			25499	05/13/22 06:49	CH	XEN MID

Client Sample ID: G194**Lab Sample ID: 880-14745-18****Date Collected: 05/12/22 08:56****Matrix: Solid****Date Received: 05/12/22 13:30**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	25436	05/12/22 14:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25520	05/14/22 10:41	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25592	05/16/22 09:04	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25626	05/16/22 12:00	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	25451	05/12/22 15:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25492	05/13/22 20:08	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	25437	05/12/22 14:48	CH	XEN MID
Soluble	Analysis	300.0		1			25499	05/13/22 06:59	CH	XEN MID

Client Sample ID: G223**Lab Sample ID: 880-14745-19****Date Collected: 05/12/22 08:58****Matrix: Solid****Date Received: 05/12/22 13:30**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	25436	05/12/22 14:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25520	05/14/22 11:02	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25592	05/16/22 09:04	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25626	05/16/22 12:00	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	25451	05/12/22 15:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25492	05/13/22 20:29	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	25437	05/12/22 14:48	CH	XEN MID
Soluble	Analysis	300.0		1			25499	05/13/22 07:08	CH	XEN MID

Client Sample ID: G224**Lab Sample ID: 880-14745-20****Date Collected: 05/12/22 09:00****Matrix: Solid****Date Received: 05/12/22 13:30**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	25436	05/12/22 14:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25520	05/14/22 11:22	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25592	05/16/22 09:04	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25626	05/16/22 12:00	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	25451	05/12/22 15:27	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25492	05/13/22 20:51	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	25437	05/12/22 14:48	CH	XEN MID
Soluble	Analysis	300.0		1			25499	05/13/22 08:22	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Client Sample ID: G225

Lab Sample ID: 880-14745-21

Date Collected: 05/12/22 09:02

Matrix: Solid

Date Received: 05/12/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	25550	05/13/22 15:04	MR	XEN MID
Total/NA	Analysis	8021B		1			25498	05/14/22 10:28	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25592	05/16/22 09:04	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25626	05/16/22 12:00	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	25452	05/12/22 15:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25494	05/13/22 14:00	SM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	25438	05/12/22 14:54	CH	XEN MID
Soluble	Analysis	300.0		1			25553	05/13/22 19:27	CH	XEN MID

Client Sample ID: G226

Lab Sample ID: 880-14745-22

Date Collected: 05/12/22 09:04

Matrix: Solid

Date Received: 05/12/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	25550	05/13/22 15:04	MR	XEN MID
Total/NA	Analysis	8021B		1			25498	05/14/22 10:49	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25592	05/16/22 09:04	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25626	05/16/22 12:00	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	25452	05/12/22 15:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25494	05/13/22 12:55	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	25438	05/12/22 14:54	CH	XEN MID
Soluble	Analysis	300.0		1			25553	05/13/22 19:35	CH	XEN MID

Client Sample ID: G227

Lab Sample ID: 880-14745-23

Date Collected: 05/12/22 09:06

Matrix: Solid

Date Received: 05/12/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	25550	05/13/22 15:04	MR	XEN MID
Total/NA	Analysis	8021B		1			25498	05/14/22 11:09	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25592	05/16/22 09:04	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25626	05/16/22 12:00	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	25452	05/12/22 15:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25494	05/13/22 14:22	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	25438	05/12/22 14:54	CH	XEN MID
Soluble	Analysis	300.0		1			25553	05/13/22 19:43	CH	XEN MID

Client Sample ID: G228

Lab Sample ID: 880-14745-24

Date Collected: 05/12/22 09:08

Matrix: Solid

Date Received: 05/12/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	25550	05/13/22 15:04	MR	XEN MID
Total/NA	Analysis	8021B		1			25498	05/14/22 15:44	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25592	05/16/22 09:04	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Client Sample ID: G228

Lab Sample ID: 880-14745-24

Date Collected: 05/12/22 09:08

Matrix: Solid

Date Received: 05/12/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			25626	05/16/22 12:00	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	25452	05/12/22 15:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25494	05/13/22 14:44	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	25438	05/12/22 14:54	CH	XEN MID
Soluble	Analysis	300.0		1			25553	05/16/22 12:34	CH	XEN MID

Client Sample ID: G50

Lab Sample ID: 880-14745-25

Date Collected: 05/12/22 09:10

Matrix: Solid

Date Received: 05/12/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	25550	05/13/22 15:04	MR	XEN MID
Total/NA	Analysis	8021B		1			25498	05/14/22 16:05	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25592	05/16/22 09:04	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25626	05/16/22 12:00	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	25452	05/12/22 15:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25494	05/13/22 15:06	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	25438	05/12/22 14:54	CH	XEN MID
Soluble	Analysis	300.0		1			25553	05/16/22 12:42	CH	XEN MID

Client Sample ID: G49

Lab Sample ID: 880-14745-26

Date Collected: 05/12/22 09:12

Matrix: Solid

Date Received: 05/12/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	25550	05/13/22 15:04	MR	XEN MID
Total/NA	Analysis	8021B		1			25498	05/14/22 16:25	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25592	05/16/22 09:04	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25626	05/16/22 12:00	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	25452	05/12/22 15:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25494	05/13/22 15:27	SM	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	25438	05/12/22 14:54	CH	XEN MID
Soluble	Analysis	300.0		1			25553	05/16/22 12:50	CH	XEN MID

Client Sample ID: G48

Lab Sample ID: 880-14745-27

Date Collected: 05/12/22 09:14

Matrix: Solid

Date Received: 05/12/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	25550	05/13/22 15:04	MR	XEN MID
Total/NA	Analysis	8021B		1			25498	05/14/22 16:46	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25592	05/16/22 09:04	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25626	05/16/22 12:00	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	25452	05/12/22 15:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25494	05/13/22 15:49	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Client Sample ID: G48

Lab Sample ID: 880-14745-27

Date Collected: 05/12/22 09:14

Matrix: Solid

Date Received: 05/12/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	25438	05/12/22 14:54	CH	XEN MID
Soluble	Analysis	300.0		1			25553	05/16/22 12:59	CH	XEN MID

Client Sample ID: G47

Lab Sample ID: 880-14745-28

Date Collected: 05/12/22 09:16

Matrix: Solid

Date Received: 05/12/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	25550	05/13/22 15:04	MR	XEN MID
Total/NA	Analysis	8021B		1			25498	05/14/22 17:06	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25592	05/16/22 09:04	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25626	05/16/22 12:00	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	25452	05/12/22 15:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25494	05/13/22 16:11	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	25438	05/12/22 14:54	CH	XEN MID
Soluble	Analysis	300.0		1			25553	05/16/22 13:07	CH	XEN MID

Client Sample ID: G46

Lab Sample ID: 880-14745-29

Date Collected: 05/12/22 09:18

Matrix: Solid

Date Received: 05/12/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	25550	05/13/22 15:04	MR	XEN MID
Total/NA	Analysis	8021B		1			25498	05/14/22 17:27	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25592	05/16/22 09:04	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25626	05/16/22 12:00	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	25452	05/12/22 15:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25494	05/13/22 16:33	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	25438	05/12/22 14:54	CH	XEN MID
Soluble	Analysis	300.0		1			25553	05/16/22 13:15	CH	XEN MID

Client Sample ID: G45

Lab Sample ID: 880-14745-30

Date Collected: 05/12/22 09:20

Matrix: Solid

Date Received: 05/12/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	25550	05/13/22 15:04	MR	XEN MID
Total/NA	Analysis	8021B		1			25498	05/14/22 17:47	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25592	05/16/22 09:04	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25626	05/16/22 12:00	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	25452	05/12/22 15:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25494	05/13/22 16:54	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	25438	05/12/22 14:54	CH	XEN MID
Soluble	Analysis	300.0		1			25553	05/16/22 13:40	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Client Sample ID: G44R

Lab Sample ID: 880-14745-31

Date Collected: 05/12/22 09:22

Matrix: Solid

Date Received: 05/12/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	25550	05/13/22 15:04	MR	XEN MID
Total/NA	Analysis	8021B		1			25498	05/14/22 18:08	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25592	05/16/22 09:04	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25626	05/16/22 12:00	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	25452	05/12/22 15:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25494	05/13/22 17:37	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	25438	05/12/22 14:54	CH	XEN MID
Soluble	Analysis	300.0		1			25553	05/16/22 13:49	CH	XEN MID

Client Sample ID: G7E

Lab Sample ID: 880-14745-32

Date Collected: 05/12/22 09:24

Matrix: Solid

Date Received: 05/12/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	25550	05/13/22 15:04	MR	XEN MID
Total/NA	Analysis	8021B		1			25498	05/14/22 18:28	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25592	05/16/22 09:04	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25626	05/16/22 12:00	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	25452	05/12/22 15:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25494	05/13/22 17:59	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	25438	05/12/22 14:54	CH	XEN MID
Soluble	Analysis	300.0		1			25553	05/16/22 14:22	CH	XEN MID

Client Sample ID: G144

Lab Sample ID: 880-14745-33

Date Collected: 05/12/22 09:26

Matrix: Solid

Date Received: 05/12/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	25550	05/13/22 15:04	MR	XEN MID
Total/NA	Analysis	8021B		100			25498	05/14/22 18:49	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25592	05/16/22 09:04	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25626	05/16/22 12:00	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	25452	05/12/22 15:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25494	05/13/22 18:20	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	25438	05/12/22 14:54	CH	XEN MID
Soluble	Analysis	300.0		1			25553	05/16/22 14:31	CH	XEN MID

Client Sample ID: G110

Lab Sample ID: 880-14745-34

Date Collected: 05/12/22 09:22

Matrix: Solid

Date Received: 05/12/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	25551	05/13/22 15:08	MR	XEN MID
Total/NA	Analysis	8021B		20			25498	05/14/22 02:16	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25592	05/16/22 09:04	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Client Sample ID: G110

Lab Sample ID: 880-14745-34

Date Collected: 05/12/22 09:22

Matrix: Solid

Date Received: 05/12/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			25626	05/16/22 12:00	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	25452	05/12/22 15:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25494	05/13/22 18:42	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	25438	05/12/22 14:54	CH	XEN MID
Soluble	Analysis	300.0		1			25553	05/16/22 14:39	CH	XEN MID

Client Sample ID: G72

Lab Sample ID: 880-14745-35

Date Collected: 05/12/22 09:30

Matrix: Solid

Date Received: 05/12/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	25551	05/13/22 15:08	MR	XEN MID
Total/NA	Analysis	8021B		20			25498	05/14/22 02:36	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25592	05/16/22 09:04	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25626	05/16/22 12:00	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	25452	05/12/22 15:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25494	05/13/22 19:04	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	25438	05/12/22 14:54	CH	XEN MID
Soluble	Analysis	300.0		1			25553	05/16/22 14:48	CH	XEN MID

Client Sample ID: G36

Lab Sample ID: 880-14745-36

Date Collected: 05/12/22 09:32

Matrix: Solid

Date Received: 05/12/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	25551	05/13/22 15:08	MR	XEN MID
Total/NA	Analysis	8021B		1			25498	05/13/22 23:52	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25592	05/16/22 09:04	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25626	05/16/22 12:00	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	25452	05/12/22 15:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25494	05/13/22 19:25	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	25438	05/12/22 14:54	CH	XEN MID
Soluble	Analysis	300.0		1			25553	05/16/22 14:56	CH	XEN MID

Client Sample ID: G171

Lab Sample ID: 880-14745-37

Date Collected: 05/12/22 09:34

Matrix: Solid

Date Received: 05/12/22 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	25551	05/13/22 15:08	MR	XEN MID
Total/NA	Analysis	8021B		20			25498	05/14/22 02:57	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25592	05/16/22 09:04	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25626	05/16/22 12:00	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	25452	05/12/22 15:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25494	05/13/22 19:47	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Client Sample ID: G171
Date Collected: 05/12/22 09:34
Date Received: 05/12/22 13:30

Lab Sample ID: 880-14745-37
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	25438	05/12/22 14:54	CH	XEN MID
Soluble	Analysis	300.0		1			25553	05/16/22 15:04	CH	XEN MID

Client Sample ID: G122
Date Collected: 05/12/22 08:36
Date Received: 05/12/22 13:30

Lab Sample ID: 880-14745-38
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	25578	05/15/22 16:33	MR	XEN MID
Total/NA	Analysis	8021B		1			25591	05/16/22 16:34	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25592	05/16/22 09:04	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25626	05/16/22 12:00	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	25452	05/12/22 15:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25494	05/13/22 20:08	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	25483	05/12/22 17:34	SC	XEN MID
Soluble	Analysis	300.0		10			25537	05/13/22 12:01	CH	XEN MID

Laboratory References:
XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Midland

Sample Summary

Client: Resolute Compliance LLC
Project/Site: BluestreamTerm

Job ID: 880-14745-1
SDG: Eddy County

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-14745-1	G58	Solid	05/12/22 08:15	05/12/22 13:30
880-14745-2	G92	Solid	05/12/22 08:17	05/12/22 13:30
880-14745-3	G57	Solid	05/12/22 08:20	05/12/22 13:30
880-14745-4	G91	Solid	05/12/22 08:22	05/12/22 13:30
880-14745-5	G126	Solid	05/12/22 08:24	05/12/22 13:30
880-14745-6	G125	Solid	05/12/22 08:26	05/12/22 13:30
880-14745-7	G56	Solid	05/12/22 08:28	05/12/22 13:30
880-14745-8	G90	Solid	05/12/22 08:30	05/12/22 13:30
880-14745-9	G124	Solid	05/12/22 08:32	05/12/22 13:30
880-14745-10	G123	Solid	05/12/22 08:34	05/12/22 13:30
880-14745-11	G87	Solid	05/12/22 08:38	05/12/22 13:30
880-14745-12	G88	Solid	05/12/22 08:40	05/12/22 13:30
880-14745-13	G89	Solid	05/12/22 08:42	05/12/22 13:30
880-14745-14	G157	Solid	05/12/22 08:44	05/12/22 13:30
880-14745-15	G158	Solid	05/12/22 08:46	05/12/22 13:30
880-14745-16	G159	Solid	05/12/22 08:50	05/12/22 13:30
880-14745-17	G193	Solid	05/12/22 08:54	05/12/22 13:30
880-14745-18	G194	Solid	05/12/22 08:56	05/12/22 13:30
880-14745-19	G223	Solid	05/12/22 08:58	05/12/22 13:30
880-14745-20	G224	Solid	05/12/22 09:00	05/12/22 13:30
880-14745-21	G225	Solid	05/12/22 09:02	05/12/22 13:30
880-14745-22	G226	Solid	05/12/22 09:04	05/12/22 13:30
880-14745-23	G227	Solid	05/12/22 09:06	05/12/22 13:30
880-14745-24	G228	Solid	05/12/22 09:08	05/12/22 13:30
880-14745-25	G50	Solid	05/12/22 09:10	05/12/22 13:30
880-14745-26	G49	Solid	05/12/22 09:12	05/12/22 13:30
880-14745-27	G48	Solid	05/12/22 09:14	05/12/22 13:30
880-14745-28	G47	Solid	05/12/22 09:16	05/12/22 13:30
880-14745-29	G46	Solid	05/12/22 09:18	05/12/22 13:30
880-14745-30	G45	Solid	05/12/22 09:20	05/12/22 13:30
880-14745-31	G44R	Solid	05/12/22 09:22	05/12/22 13:30
880-14745-32	G7E	Solid	05/12/22 09:24	05/12/22 13:30
880-14745-33	G144	Solid	05/12/22 09:26	05/12/22 13:30
880-14745-34	G110	Solid	05/12/22 09:22	05/12/22 13:30
880-14745-35	G72	Solid	05/12/22 09:30	05/12/22 13:30
880-14745-36	G36	Solid	05/12/22 09:32	05/12/22 13:30
880-14745-37	G171	Solid	05/12/22 09:34	05/12/22 13:30
880-14745-38	G122	Solid	05/12/22 08:36	05/12/22 13:30


Environment Testing
Xenco
Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
 Midland, TX (432) 704-5440 San Antonio, TX (210) 509-3334
 El Paso, TX (915) 585-3443 Lubbock, TX (806) 794-1296
 Hobbs, NM (575) 392-7550 Carlsbad, NM (575) 988-3199

Work Order No:

14745

www.xenco.com Page 1 of 4

Project Manager	Grant MacSee	Bill to: (if different)	
Company Name	Resolute	Company Name	
Address		Address	
City State ZIP		City State ZIP	
Phone	214 912 7945	Email	gmacsee@resolute.com

Work Order Comments			
Program:	UST/PST ☐	PRP ☐	Brownfields ☐
State of Project:			RRC ☐
Reporting Level II ☐	Level III ☐	PST/UST ☐	TRRP ☐
Deliverables:	EDD ☐	Adapt ☐	Other ☐

Project Name	Blueshear Term	Turn Around	☐ Routine ☒ Rush	Pres Code	
Project Number		Due Date	12 day		
Project Location	Edley County	TAT starts the day received by the lab, if received by 4:30pm			
Sample's Name	Asphalt				
P.O. #					
SAMPLE RECEIPT					
Samples Received Intact:	Yes ☒ No ☐	Thermometer ID	Yes ☒ No ☐	Parameters	
Cooler Custody Seals:	Yes ☒ No ☐	Correction Factor	-1.2		
Sample Custody Seals:	Yes ☒ No ☐	Temperature Reading	3.1		
Total Containers:		Corrected Temperature:	2.9		

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	ANALYSIS REQUEST	Preservative Codes	Sample Comments
658	S	12/4/22	0615			1	RTX	None NO	DI Water H ₂ O
692			0617			1	X	Cool Cool	MeOH Me
657			0620			1	X	HCL HC	HNO ₃ HN
691			0622			1	X	H ₂ SO ₄ H ₂	NaOH Na
6124			0624			1	X	H ₃ PO ₄ HP	
6125			0624			1	X	NaHSO ₄ NABIS	
656			0628			1	X	Na ₂ S ₂ O ₃ NaSO ₃	
690			0630			1	X	Zn Acetate+NaOH Zn	
6124			0632			1	X	NaOH+Ascorbic Acid SAPC	
6123			0634			1	X		



880-14745 Chain of Custody

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
 Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg 1631 / 2451 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1		1330/12/4/22	2		
3			4		
5			6		


Environment Testing
Xenco

Houston, TX (281) 240-4200 Dallas, TX (214) 902-0300
 Midland, TX (432) 704-5440 San Antonio, TX (210) 509-3334
 El Paso, TX (915) 585-3443 Lubbock, TX (806) 794-1296
 Hobbs NM (575) 392-7550 Carlsbad, NM (575) 988-3199

Chain of Custody

Work Order No:

14745

www.xenco.com Page 2 of 4

Project Manager	Bill to (if different)
Company Name	Company Name
Address	Address
City State ZIP	City State ZIP
Phone	Email

Work Order Comments	
Program	UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:	
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables	EDD ☐ ADAPT ☐ Other

Project Name	Project Number	Project Location	Project Manager	Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes				
				☐ Routine	☐ Rush																		
Due Date				TAT starts the day received by the lab, if received by 4:30pm																			
Sampler's Name																							
P.O. #																							
SAMPLE RECEIPT																							
Samples Received Intact:				Yes	No	Thermometer ID:																	
Cooler Custody Seals:				Yes	No	Correction Factor:																	
Sample Custody Seals:				Yes	No	Temperature Reading																	
Total Containers:				Yes	No	Corrected Temperature:																	
Sample Identification				Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters												Sample Comments	
687				S	12/14/12	0838			1	BTEX													
688						0840				+P4 8015													
689						0842				Chlorides													
6157						0844																	
6158						0846																	
6159						0850																	
6193						0854																	
6144						0856																	
6223						0858																	
6224						0900																	

Total 2007 / 6010 2008 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
 Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg 1631 / 2451 / 7470 / 7471

Note: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
		12/14/12 1330			



Environment Testing Xenco

Chain of Custody
Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440 San Antonio TX (210) 509-3334
El Paso, TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550 Carlsbad NM (575) 988-3199

Work Order No: 14745

www.xenco.com Page 3 of 4

Project Manager	Bill to: (if different)
Company Name	Company Name
Address	Address
City, State ZIP	City, State ZIP
Phone	Email

Work Order Comments	
Program: UST/PSR ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables EDD ☐ ADAFT ☐ Other	

Project Name	Turn Around	Pres. Code	ANALYSIS REQUEST	Preservative Codes
Project Number	☐ Routine ☐ Rush			None NO DI Water-H ₂ O
Project Location	Due Date			Cool Cool MeOH Me
Sampler's Name	TAT starts the day received by the lab, if received by 4:30pm			HCL HC HNO ₃ HN
PO #				H ₂ SO ₄ H ₂ NaOH Na
SAMPLE RECEIPT	Temp Blank: Yes No Wet Ice Yes No			H ₃ PO ₄ HP
Samples Received Intact: Yes No	Thermometer ID:			NaHSO ₄ NABIS
Cooler Custody Seals: Yes No N/A	Correction Factor:			Na ₂ S ₂ O ₃ NaSO ₃
Sample Custody Seals: Yes No N/A	Temperature Reading			Zn Acetate+NaOH Zn
Total Containers:	Corrected Temperature			NaOH+Ascorbic Acid SAPC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters	Sample Comments
G 225	S	6/22/22	09:02			1	X BTEX	
G 226		6/22/22	09:04				X TP4 8015	
G 227		6/22/22	09:06				X Chlorides	
G 228		6/22/22	09:08					
G 50		6/22/22	09:10					
G 49		6/22/22	09:12					
G 48		6/22/22	09:14					
G 47		6/22/22	09:16					
G 46		6/22/22	09:18					
G 45		6/22/22	09:20					

Total 2007 / 6010 2008 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ga Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg 1631 / 245 1 / 7470 / 7471

Note: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		6/22/22 13:30	2		
3			4		
5			6		



Environment Testing Xenco

Houston, TX (281) 240-4200 Dallas TX (214) 902-0300
Midland, TX (432) 704-5440 San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad NM (575) 988-3199

Chain of Custody

Work Order No:

14745

www.xenco.com Page 4 of 4

Project Manager	Bill to (if different)
Company Name	Company Name
Address	Address
City State Zip	City State Zip
Phone	Email

Work Order Comments	
Program	UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:	
Reporting	Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables:	EDD ☐ ADAPT ☐ Other ☐

Project Name	Turn Around	Pres. Code	ANALYSIS REQUEST		Preservative Codes
Project Number	☐ Routine ☐ Rush				None NO DI Water H ₂ O
Project Location	Due Date				Cool Cool MeOH Me
Sampler's Name	TAT starts the day received by the lab, if received by 4:30pm				HCL, HC HNO ₃ HN
PO #					H ₂ SO ₄ H ₂
SAMPLE RECEIPT	Temp Blank. Yes No	Wet Ice Yes No			H ₃ PO ₄ HP
Samples Received Intact:	Yes No	Thermometer ID			NaHSO ₄ NABIS
Cooler Custody Seals:	Yes No N/A	Correction Factor			Na ₂ S ₂ O ₃ NaSO ₃
Sample Custody Seals:	Yes No N/A	Temperature Reading			Zn Acetate+NaOH Zn
Total Containers:		Corrected Temperature			NaOH+Ascorbic Acid SABC

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters	Sample Comments
G 4482	S	12/24/22	0922			1	BTEX	
G 78			0924				TPH	
G 144			0922				Chlorides	
G 110			0928					
G 72			0930					
G 30			0932					
G 171			0934					

Loc: 880
14745

Total 2007 / 6010 2008 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg 1631 / 245 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
		12/24/22 1330			

Login Sample Receipt Checklist

Client: Resolute Compliance LLC

Job Number: 880-14745-1

SDG Number: Eddy County

Login Number: 14745

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 111633

CONDITIONS

Operator: LM Touchdown LLC 2850 N Harwood St Suite 1050 Dallas, TX 75201	OGRID: 329097
	Action Number: 111633
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2129853690 BLUE STEM TERMINAL, thank you. This closure is approved.	9/9/2022