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-144
Revised April 3, 2017

For temporary pits, below-grade tanks, and multi-well fluid management pits, submit to the appropriate NMOCD District Office.
For permanent pits submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

Pit, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application

Type of action:
- ☐ Below grade tank registration
- ☐ Permit of a pit or proposed alternative method
- ☒ Closure of a pit, below-grade tank, or proposed alternative method
- ☐ Modification to an existing permit/or registration
- ☐ Closure plan only submitted for an existing permitted or non-permitted pit, below-grade tank, or proposed alternative method

Instructions: Please submit one application (Form C-144) per individual pit, below-grade tank or alternative request

Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.

1.

Operator: Hilcorp Energy Company OGRID #: 372171

Address: 382 Road 3100 Aztec, NM 87410

Facility or well name: WALKER 100

API Number: 3004530244 OCD Permit Number:

U/L or Qtr/Qtr L Section 3 Township 29N Range 12W County: San Juan

Center of Proposed Design: Latitude 36.75279 Longitude -108.09057 NAD27

Surface Owner: ☐ Federal ☐ State ☒ Private ☐ Tribal Trust or Indian Allotment

2.

☐ **Pit:** Subsection F, G or J of 19.15.17.11 NMAC

Temporary: ☐ Drilling ☐ Workover

☐ Permanent ☐ Emergency ☐ Cavitation ☐ P&A ☐ Multi-Well Fluid Management Low Chloride Drilling Fluid ☐ yes ☐ no

☐ Lined ☐ Unlined Liner type: Thickness _____mil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other _____

☐ String-Reinforced

Liner Seams: ☐ Welded ☐ Factory ☐ Other _____ Volume: _____bbl Dimensions: L_____ x W_____ x D_____

3.

☒ **Below-grade tank:** Subsection I of 19.15.17.11 NMAC

Volume: 120 bbl Type of fluid: Produced Water

Tank Construction material: Metal

☐ Secondary containment with leak detection ☒ Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off

☐ Visible sidewalls and liner ☐ Visible sidewalls only ☐ Other _____

Liner type: Thickness _____mil ☐ HDPE ☐ PVC ☒ Other Unspecified

4.

☐ **Alternative Method:**

Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

5.

Fencing: Subsection D of 19.15.17.11 NMAC *(Applies to permanent pits, temporary pits, and below-grade tanks)*

☐ Chain link, six feet in height, two strands of barbed wire at top *(Required if located within 1000 feet of a permanent residence, school, hospital, institution or church)*

☐ Four foot height, four strands of barbed wire evenly spaced between one and four feet

☐ Alternate. Please specify_____

6.

Netting: Subsection E of 19.15.17.11 NMAC *(Applies to permanent pits and permanent open top tanks)*

☐ Screen ☐ Netting ☐ Other_____

☐ Monthly inspections (If netting or screening is not physically feasible)

7.

Signs: Subsection C of 19.15.17.11 NMAC

☐ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers

☐ Signed in compliance with 19.15.16.8 NMAC

8.

Variances and Exceptions:

Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.

Please check a box if one or more of the following is requested, if not leave blank:

☐ Variance(s): Requests must be submitted to the appropriate division district for consideration of approval.

☐ Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

9.

Siting Criteria (regarding permitting): 19.15.17.10 NMAC

Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. **Siting criteria does not apply to drying pads or above-grade tanks.**

General siting	
Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank. - ☐ NM Office of the State Engineer - iWATERS database search; ☐ USGS; ☐ Data obtained from nearby wells	☐ Yes ☐ No ☒ NA
Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit . NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☒ NA
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. **(Does not apply to below grade tanks)** - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within the area overlying a subsurface mine. **(Does not apply to below grade tanks)** - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
Within an unstable area. **(Does not apply to below grade tanks)** - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☐ Yes ☐ No
Within a 100-year floodplain. **(Does not apply to below grade tanks)** - FEMA map	☐ Yes ☐ No
Below Grade Tanks	
Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☒ No
Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☒ No
Temporary Pit using Low Chloride Drilling Fluid (maximum chloride content 15,000 mg/liter)	
Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.) - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 200 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 300feet of any other fresh water well or spring, in existence at the time of the initial application. NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No

Within 100 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Temporary Pit Non-low chloride drilling fluid	
Within 300 feet of a continuously flowing watercourse, or any other significant watercourse, or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
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, or 1000 feet of any other fresh water well or spring, in the existence at the time of the initial application; - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Permanent Pit or Multi-Well Fluid Management Pit	
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No

10.

Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC

Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

☐ Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
☐ Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC
☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
☐ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
☐ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

☐ Previously Approved Design (attach copy of design) API Number: _____ or Permit Number: _____

11.

Multi-Well Fluid Management Pit Checklist: Subsection B of 19.15.17.9 NMAC

Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

☐ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
☐ A List of wells with approved application for permit to drill associated with the pit.
☐ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
☐ Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC

☐ Previously Approved Design (attach copy of design) API Number: _____ or Permit Number: _____

12.
Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- ☐ Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC
- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☐ Climatological Factors Assessment
- ☐ Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Quality Control/Quality Assurance Construction and Installation Plan
- ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- ☐ Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Nuisance or Hazardous Odors, including H_2S, Prevention Plan
- ☐ Emergency Response Plan
- ☐ Oil Field Waste Stream Characterization
- ☐ Monitoring and Inspection Plan
- ☐ Erosion Control Plan
- ☐ Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

13.
Proposed Closure: 19.15.17.13 NMAC
Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.

Type: ☐ Drilling ☐ Workover ☐ Emergency ☐ Cavitation ☐ P&A ☐ Permanent Pit ☒ Below-grade Tank ☐ Multi-well Fluid Management Pit ☐ Alternative

Proposed Closure Method: ☒ Waste Excavation and Removal
☐ Waste Removal (Closed-loop systems only)
☐ On-site Closure Method (Only for temporary pits and closed-loop systems)
☐ In-place Burial ☐ On-site Trench Burial
☐ Alternative Closure Method

14.
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) ***Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.***

- ☒ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☒ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.13 NMAC
- ☒ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)
- ☒ Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☒ Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☒ Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

15.
Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC
Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. Please refer to 19.15.17.10 NMAC for guidance.

Ground water is less than 25 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Ground water is between 25-50 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Within 100 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 300 horizontal feet of a private, domestic fresh water well or spring used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within 300 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance	

adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☐ Yes ☐ No
Within a 100-year floodplain. - FEMA map	☐ Yes ☐ No

16.
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) ***Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.***

- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☐ Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection E of 19.15.17.13 NMAC
- ☐ Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.15.17.11 NMAC
- ☐ Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☐ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☐ Waste Material Sampling Plan - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☐ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved)
- ☐ Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

17.
Operator Application Certification:

I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.

Name (Print): _____ Title: _____

Signature: _____ Date: _____

e-mail address: _____ Telephone: _____

18.
OCD Approval: ☐ Permit Application (including closure plan) ☐ Closure Plan (only) ☐ OCD Conditions (see attachment)

OCD Representative Signature: Joel Stone **Approval Date:** 03/05/2026

Title: Senior Environmental Scientist **OCD Permit Number:** ycon1512605852

19.
Closure Report (required within 60 days of closure completion): 19.15.17.13 NMAC

Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.

☒ **Closure Completion Date:** 2/16/2026

20.
Closure Method:

☒ Waste Excavation and Removal ☐ On-Site Closure Method ☐ Alternative Closure Method ☐ Waste Removal (Closed-loop systems only)

☐ If different from approved plan, please explain.

21.
Closure Report Attachment Checklist: ***Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.***

- ☒ Proof of Closure Notice (surface owner and division)
- ☐ Proof of Deed Notice (required for on-site closure for private land only)
- ☐ Plot Plan (for on-site closures and temporary pits)
- ☒ Confirmation Sampling Analytical Results (if applicable)
- ☐ Waste Material Sampling Analytical Results (required for on-site closure)
- ☐ Disposal Facility Name and Permit Number
- ☒ Soil Backfilling and Cover Installation
- ☒ Re-vegetation Application Rates and Seeding Technique
- ☒ Site Reclamation (Photo Documentation)

On-site Closure Location: Latitude _____ Longitude _____ NAD: ☐ 1927 ☐ 1983

22.

Operator Closure Certification:

I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.

Name (Print): Priscilla Shorty Title: Operations/Regulatory Technician – Sr

Signature: Priscilla Shorty Date: 2/17/2026

e-mail address: pshorty@hilcorp.com Telephone: (505) 324-5188

Hilcorp Energy Company

BGT Modification

Hilcorp Energy Company is requesting to modify the below-grade tank permit for WALKER 100 (30.045.07687) as follows:

- Hilcorp Energy would like to compare the laboratory analytical to the current 19.15.17 NMAC.
- Approval to use EPA Method 8015D for TPH analysis.

Hilcorp Energy Company
San Juan Basin
Below Grade Tank Closure Report

Lease Name: WALKER 100
API No.: 30-045-30244

In accordance with Rule 19.15.17.13 NMAC the following information describes the closure of the below-grade tank referenced above. All proper documentation regarding closure activities is being included with the C-144.

General Plan:

1. HILCORP shall close a below-grade tank within 60 days of cessation of operations per Subsection G.4 of 19.15.17.13 NMAC. This will include a) below-grade tanks that do not meet the requirements of Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC or is not included in Paragraph (5) of Subsection I of 19.15.17.11 NMAC within five years, if not retrofitted to comply with Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC; b) an earlier date that the division requires because of imminent danger to fresh water, public health or the environment. For any closure, HILCORP will file the C144 Closure Report as required.

   The below-grade tank referenced above was permitted and closed within 60 days of cessation of the below-grade tanks operation.

2. HILCORP shall remove liquids and sludge from a below-grade tank prior to implementing a closure method and shall dispose of the liquids and sludge in a division-approved facility. The facilities to be used will be Basin Disposal (Permit #NM-01-005), JFJ Landfarm % Industrial Ecosystem Inc. (Permit # NM-01-0010B) and Envirotech Land Farm (Permit #NM-01-011). The liner after being cleaned well (Subsection D, Paragraph 1, Subparagraph (m) of 19.15.9.712 NMAC) will be disposed of at the San Juan County Regional Landfill located on CR 3100.

   All recovered liquids were disposed of at Basin Disposal (Permit #NM-01-005) and any sludge or soil required to be removed to facilitate closure was hauled to Envirotech Land Farm (Permit #NM-01-011) and JFJ Landfarm % IEI (Permit #NM-01-0010B). The liner was cleaned per Subsection D, Paragraph 1, Subparagraph (m) of 19.15.9.712 NMAC was disposed of at the San Juan County Regional Landfill located on CR 3100.

3. HILCORP will receive prior approval to remove the below-grade tank and dispose of it in a division-approved facility or recycle, reuse, or reclaim it in a manner that the appropriate division district office approves.

   The below-grade tank was disposed of in a division-approved manner.

4. If there is any on-site equipment associated with a below-grade tank, then HILCORP shall remove the equipment, unless the equipment is required for some other purpose.

   All on-site equipment associated with the below-grade tank was removed.

5. HILCORP will test the soils beneath the below-grade tank to determine whether a release has occurred. HILCORP shall collect, at a minimum, a five point, composite sample; collect individual grab samples from any area that is wet, discolored or showing other evidence of a release; and analyzed for the constituents listed in Table I of 19.15.17.13 NMAC. Hilcorp shall notify the division of its results on form C-141.

2/18/2026

A five point composite sample was taken of the below-grade tank using sampling tools and all samples tested per Subsection B of 19.15.17.1 3(B)(1)(b). (Sample results attached). Form C-141 is attached.

Components	Tests Method	Limit (mg/kg)
Benzene	EPA SW-846 8021B or 8260B	0.2
BTEX	EPA SW-846 8021B or 8260B	50
TPH	EPA SW-846 418.1	100
Chlorides	EPA 300.0	250

6. If HILCORP or the division determines that a release has occurred, then HILCORP shall comply with 19.15.3.116 NMAC and 19.15.1.19 NMAC, as appropriate.

   A release was not determined for the above referenced well.

7. If the sampling program demonstrates that a release has not occurred or that any release does not exceed the concentrations specified in Table I of 19.15.17.13 NMAC, then HILCORP shall backfill the excavation with compacted, non-waste containing, earthen material; construct a division-prescribed soil cover; recontour and re-vegetate the site.

   The below-grade tank area passed all requirements of Paragraph (4) of Subsection E of 19.15.17.13 NMAC and was backfilled with compacted, non-waste containing, earthen material.

8. Notice of Closure will be given prior to closure to the Aztec Division office between 72 hours and one week via email or verbally. The notification of closure will include the following:
   i. Operator's name
   ii. Location by Unit Letter, Section, Township, and Range. Well name and API number.

   Notification is attached.

9. The surface owner shall be notified of HILCORP's closing of the below-grade tank 72 hours, but not more than one week, prior to closure as per the approved closure plan via certified mail, return receipt requested.

   The closure process notification to the landowner was sent via email, certified mail. (See Attached) (Well located on Federal Land, certified mail is not required for Federal Land per BLM/OCD MOU.)

10. Re-contouring of location will match fit, shape, line, form and texture of the surrounding. Re-shaping will include drainage control, prevent ponding, and prevent erosion. Natural drainages will be unimpeded and water bars and/or silt traps will be place in areas where needed to prevent erosion on a large scale. Final re-contour shall have a uniform appearance with smooth surface, fitting the natural landscape.

    The below-grade tank area was re-contoured to match fit, shape, line, form and texture of the surrounding area. Re-shaping including drainage control, to prevent ponding and erosion. Natural drainages were unimpeded and water bars and/or silt traps were placed in areas where needed to prevent erosion on a large scale. Final recontour has a uniform appearance with smooth surface, fitting the natural landscape.

11. HILCORP shall seed the disturbed areas the first favorable growing season following closure of a below-grade tank. Seeding will be accomplished via drilling on the contour whenever practical or by other division-approved methods. BLM stipulated seed mixes will be used on federally regulated lands and division-approved seed mixtures (administratively approved if required) will be utilized on all State or private lands. A uniform vegetative cover has been established that reflects a life-form ratio of plus or minus fifty percent (50%) of pre- disturbance levels and a total percent plant cover of at least seventy percent (70%) of pre-disturbance levels, excluding noxious weeds. If alternate seed mix is required by the state, private owner or tribe, it will be implemented with administrative approval if needed. Hilcorp will repeat seeding or planting will be continued until successful vegetative growth occurs.

Provision 13 was accomplished through complying with BLM seeding requirements as allowed by the BLM/OCD MOU.

12. A minimum of four feet of cover shall be achieved and the cover shall include one foot of suitable material, with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, to establish vegetation at the site, or the background thickness of topsoil, whichever is greater.

    The below-grade tank area was backfilled and more than four feet of cover was achieved and the cover included one foot of suitable material to establish vegetation at the site.

13. All closure activities will include proper documentation and be available for review upon request and will be submitted to OCD within 60 days of closure of the below-grade tank. Closure report will be filed on C-144 and incorporate the following:
    - Soil Backfilling and Cover Installation (See Report)
    - Re-vegetation application rates and seeding techniques (See Report)
    - Photo documentation of the site reclamation (Included as an attachment)
    - Confirmation Sampling Results (Included as an attachment)
    - Proof of closure notice (Included as an attachment)

Priscilla Shorty

From: Tammy Jones
Sent: Tuesday, July 8, 2025 8:28 AM
To: Adeloye, Abiodun A; Brandon Sinclair; Kate Kaufman; Bryan Hall; Farmington Regulatory Techs; Clara Cardoza; Mitch Killough; Travis Munkres; Max Lopez; Ramon Hancock; Lisa Jones; Ben Mitchell; 'Victoria Venegas (Victoria.Venegas@emnrd.nm.gov)'; 'Kennedy, Joseph, EMNRD'; 'joel.stone@emnrd.nm.gov'; 'Jeffrey.Harrison@emnrd.nm.gov'; Chad Perkins; Dale Crawford; Patrick Hudman; Alex Rios; Christopher Bramwell; Priscilla Shorty; Ray Shelby; Joey Becker
Subject: 72 hour BGT Closure Notice – WALKER 100 (API# 30-045-30244)
Attachments: 3004530244_WALKER 100_BGT PERMIT_OCD APPVD.pdf

Subject: 72 Hour BGT Closure Notification

Anticipated Start Date: **Friday, 07/11/2025 at 9:00 AM MST**

The subject well has a below-grade tank that will be permanently removed. The BGT permit is attached. Please contact me if you have any questions or concerns.

Well Name: WALKER 100

API#: 30-045-30244

Location: Unit L (NWSW), Section 3, T29N, R12W

Footages: 1675' FSL & 1165' FWL

Operator: Hilcorp Energy **Surface Owner:** PRIVATE

Reason: **Well has been P&A'd.**

****Please Note Required Photos for Closure****

- Well site placard
- Photos of the BGT prior to closure
- The sample location or, more preferred, photos of actual sample collection
- Final state of the area after closure.
- Photos will require captioning including direction of photo, date and time of photo and a description of the image contents.

Thanks,

Tammy Jones | HILCORP ENERGY COMPANY | San Juan Regulatory | 505.324.5185 | tajones@hilcorp.com

Hilcorp

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS, FOLD AT DOTTED LINE
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BGT-Walker 100 R.H. 71825

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Sent To: BJS Investments LLC
Street and Apt. No., or PO Box No.: PO Box 2220
City, State, ZIP+4®: Farmington, NM 87499

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

July 8, 2025

Transmitted Via
Certified Mail 7022 2410 000

To: BJS Investments LLC
PO Box 2220
Farmington, NM 87499

Re: **WALKER 100**
API: 30-045-30244
Unit L (NW/SW) Section 3, T29N, R12W
San Juan County, New Mexico

Dear Landowner:

Pursuant to New Mexico Administrative Code § 19.15.17.13 (E) (1) operator shall provide the surface owner of the operator's proposal to close a below- grade tank.

In compliance with this requirement, please consider this letter as notification that Hilcorp San Juan, L.P. intends to close a below-grade tank on the subject well pad and replace with an above grade tank. The closure process will begin between 72 hours and one week from this notification.

If you have any questions regarding this work, please call within five (5) days of receiving this notice.

Sincere

Ra

North

SENDER: COMPLETE THIS SECTION
- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
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1. Article Addressed to:
BJS Investments LLC
PO. BOX 2220
Farmington, NM 87499

9590 9402 7573 2098 4582 59

2. Article Number (Transfer from service label)
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PS Form 3811, July 2020 PSN 7530-02-000-9053

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A. Signature
X ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
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- ☐ Adult Signature Restricted Delivery
- ☐ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
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- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

BGT-Walker 100 R.H. 71825

Domestic Return Receipt

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- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

BJS Investments LLC
P.O. Box 2220
Farmington, NM 87499

9590 9402 7573 2098 4582 59

2. Article Number *(Transfer from service label)*

7022 2410 0003 1570 6954

PS Form 3811, July 2020 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent
☐ Addressee

B. Received by *(Printed Name)* Blanca I Alba

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

FARMINGTON NM 87401
JUL 15 2025
USPS

3. Service Type

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☐ Collect on Delivery Restricted Delivery
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(over $500)

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☐ Registered Mail Restricted Delivery
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☐ Signature Confirmation Restricted Delivery

BGT-Walker 100 R.H. 718125

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Total Postage and Fees
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BGT-Walker 100
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R.H. 718125

Sent To: BJS Investments LLC
Street and Apt. No., or PO Box No.: PO Box 2220
City, State, ZIP+4®: Farmington, NM 87499

7022 2410 0003 1570 6954

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

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 Hilcorp Energy Company	OGRID 372171
Contact Name Mitch Killough	Contact Telephone 713-757-5247
Contact email mkillough@hilcorp.com	Incident #
Contact mailing address 1111 Travis Street, Houston, Texas 77002	

Location of Release Source

Latitude 36.7528992 Longitude -108.0911636
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Walker 100	Site Type Well
Date Release Discovered: **N/A**	API# 30-045-30244

Unit Letter	Section	Township	Range	County
L	03	29N	12W	San Juan

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private *(BJS Investments LLC)*

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:
Based on the initial BGT closure sample collected on 7/11/2025, Hilcorp determined that chlorides and TPH exceeded the BGT closure criteria thresholds shown in Condition 5 of the closure plan and the Closure Criteria for Soils Beneath Below-Grade Tanks listed in current Table I of 19.15.17.13 NMAC for groundwater depths (<50 ft). Site excavation and sampling activities were conducted at the Site to address the *de minimus* volume of impacted soil (approx. 2.5 cubic yds). Based on the volume of impacted soil removed and TPH concentrations detected in the initial BGT closure sample, Ensolum estimates the potential volume of TPH originating from the BGT as 0.20 gallons or 0.0048 barrels. Based on this volume and the small volume of soil removed, this incident does not constitute a reportable release under Title 19, Chapter 15, Part 29 of the NMAC. Hilcorp respectfully requests 1) a modification to the current BGT permit/registration allowing Hilcorp to compare the laboratory analytical to the current 19.15.17 NMAC rule and 2) approval to use EPA Method 8015D for TPH analysis. Additional supporting info can be found in the Enclosures.

State of New Mexico
Oil Conservation Division

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? **N/A**
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 not been undertaken, explain why:

Not Required

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: Mitch Killough Title: Environmental Specialist

Signature: _____ Date: 09/03/2025

email: mkillough@hilcorp.com Telephone: 713-757-5247

OCD Only

Received by: _____ Date: _____

Memorandum

To: Energy, Minerals, and Natural Resources Department (EMNRD) – Permitting Program

From: Mitch Killough, Hilcorp Energy Company (Hilcorp)

Date: 9/3/2025

Subject: Walker 100 – Permanent Closure of a Below-Grade Tank (BGT) – Variance Request

On 7/8/2025, Hilcorp submitted a 72-hour notice prior to the permanent closure of a BGT at the Walker 100, San Juan County, New Mexico. As required by Condition 5 *(found in the enclosed Closure Plan, approved by the NMOCD on 12/22/2008)*, Hilcorp personnel proceeded to collect a 5-pt composite soil sample on 7/11/2025 to determine if any contaminant concentrations exceeded the BGT closure criteria thresholds, per Condition 5. Upon receiving analytical results on 7/18/2025, Hilcorp determined that chlorides and TPH exceeded the BGT closure criteria thresholds shown in Condition 5 of the closure plan and the Closure Criteria for Soils Beneath Below-Grade Tanks listed in Table I of 19.15.17.13 NMAC for groundwater depths (<50 ft bgs).. Thus, indicating that a potential release occurred. Refer to table below.

Soil Sample Identification	Sample Date	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	Chlorides (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	GRO+DRO (mg/kg)	TPH (mg/kg)
Bottom Comp 6"	7/11/2025	<0.025	<0.025	<0.025	<0.025	<0.025	865	<20.0	62.7	150.0	62.7	213
NMOCD BGT Closure Criteria		**0.2**	**NE**	**NE**	**NE**	**50**	**250**	**NE**	**NE**	**NE**	**NE**	**100**
Table I of 19.15.17.13 NMAC		**10**	**NE**	**NE**	**NE**	**50**	**600**	**NE**	**NE**	**NE**	**NE**	**100**

Based on the BGT closure sampling results, Hilcorp retained Ensolum to conduct pothole delineation activities on 7/30/2025. Five potholes were advanced at the Site to laterally and vertically delineate potential impacts results from the BGT. Based on the BGT closure sample and delineation sampling results, Hilcorp removed approximately 2 inches of soil from the areal extent of the former BGT. The shallow excavation measured approximately 20 feet by 20 feet by 2 inches in depth (2.5 cubic yds). Based on the volume of impacted soil removed and TPH concentrations detected in the initial BGT closure sample, Ensolum estimates the potential volume of TPH originating from the BGT as 0.20 gallons or 0.0048 barrels. Based on this volume and the small volume of soil removed, this incident does not constitute a reportable release under Title 19, Chapter 15, Part 29 of the NMAC. Hilcorp respectfully requests 1) a modification to the current BGT permit/registration allowing Hilcorp to compare the laboratory analytical to the current 19.15.17 NMAC and 2) approval to use EPA Method 8015D for TPH analysis. Additional supporting info can be found in the Enclosures.

If any additional information is needed for this variance request, please let me know.

Enclosures: Remediation Report and Closure Request (provided by Ensolum, LLC)

Hilcorp Energy Company
1111 Travis Street, Houston, Texas 77002
T 713.209.2400 F 713.289.2750

Mitch Killough

From: Stone, Joel, EMNRD <Joel.Stone@emnrd.nm.gov>
Sent: Thursday, September 4, 2025 11:12 AM
To: Mitch Killough
Subject: [EXTERNAL] Hilcorp - Legacy BGT Closure - Walker 100 - Backfill Approval Request
Attachments: C-141 Filing - Variance Request - Walker 100 - 09032025.pdf

CAUTION: External sender. DO NOT open links or attachments from UNKNOWN senders.

Mr. Killough,

Hilcorp may proceed with backfilling.

Thank you,

Joel B. Stone • Senior Environmental Scientist
Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 S. St. Francis Drive, Santa Fe, NM 87505
(505) 709-5149 | joel.stone@emnrd.nm.gov

From: Kennedy, Joseph, EMNRD <Joseph.Kennedy@emnrd.nm.gov>
Sent: Wednesday, September 3, 2025 11:07 AM
To: Stone, Joel, EMNRD <Joel.Stone@emnrd.nm.gov>
Subject: FW: [EXTERNAL] Hilcorp - Legacy BGT Closure - Walker 100 - Backfill Approval Request

BGT release

Joe Kennedy • Senior Environmental Scientist
EMNRD - Oil Conservation Division
1220 S. St. Francis Drive | Santa Fe, NM 87505
505.549.5583 | **joseph.kennedy@emnrd.nm.gov**

From: Mitch Killough <mkillough@hilcorp.com>
Sent: Wednesday, September 3, 2025 10:37 AM
To: Kennedy, Joseph, EMNRD <Joseph.Kennedy@emnrd.nm.gov>
Subject: [EXTERNAL] Hilcorp - Legacy BGT Closure - Walker 100 - Backfill Approval Request

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Hi Mr. Kennedy.

Hilcorp recently pulled a legacy BGT vessel and collected the required 5-pt composite sample on 7/11/2025 to determine if any contaminant concentrations exceeded the BGT closure criteria thresholds. Upon receiving analytical results on 7/18/2025, Hilcorp determined that chlorides and TPH exceeded the BGT closure criteria thresholds shown in Condition 5 of the site's BGT closure plan and the Closure Criteria for Soils Beneath Below-Grade Tanks listed in Table I of 19.15.17.13 NMAC for groundwater depths (<50 ft bgs). Thus, indicating that a potential release occurred.

Based on the BGT closure sampling results, Hilcorp retained Ensolum, LLC to conduct pothole delineation activities on 7/30/2025. Five potholes were advanced at the Site to laterally and vertically delineate potential impacts results from the BGT. Based on the BGT closure sample and delineation sampling results, Hilcorp removed approximately 2 inches of soil from the areal extent of the former BGT. The shallow excavation measured approximately 20 feet by 20 feet by 2 inches in depth (2.5 cubic yds). Based on the volume of impacted soil removed and TPH concentrations detected in the initial BGT closure sample, Ensolum estimates the potential volume of TPH originating from the BGT as 0.20 gallons or 0.0048 barrels. Based on this volume and the small volume of soil removed, this incident does not constitute a reportable release under Title 19, Chapter 15, Part 29 of the NMAC. Refer to the attachment for further supporting information.

When filing the C-144 BGT closure report packet, Hilcorp plans to respectfully request 1) a modification to the current BGT permit/registration allowing Hilcorp to compare the laboratory analytical to the current 19.15.17 NMAC and 2) approval to use EPA Method 8015D for TPH analysis. However, in accordance with 19.15.17.13(C)(3)(c) NMAC, can Hilcorp proceed with the backfilling/re-contouring of the former BGT location

based on the provided information in this email? If this meets your approval, I will advise the team to move forward so that we can submit the applicable C-144 BGT closure report packet for this site.

I appreciate your assistance.

Sincerely,

Mitch Killough
Environmental Specialist
Hilcorp Energy Company
1111 Travis Street
Houston, TX 77002
713-757-5247 (office)
281-851-2338 (cell)
mkillough@hilcorp.com

ENSOLUM

August 22, 2025

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

Re: Remediation Report and Closure Request
Walker 100 BGT Closure
Hilcorp Energy Company

To Whom it May Concern:

Ensolum, LLC (Ensolum), on behalf of Hilcorp Energy Company (Hilcorp), presents this *Remediation Report and Closure Request* related to the Walker 100 natural gas production well (Site). The Site is located on private surface in San Juan County, New Mexico, Unit L, Section 3, Township 29 North, Range 12 West (Figure 1). This report describes the excavation and confirmation soil sampling activities performed at the Site to remediate impacted soil discovered during the closure of a below-grade tank (BGT).

SITE BACKGROUND

On July 11, 2025, Hilcorp removed the on-Site 120 barrel (bbl) BGT in accordance with the BGT permit (New Mexico Oil Conservation Division [NMOCD] Form C-144) dated December 22, 2008. As shown in the photographs taken during the BGT closure activities (attached as Appendix A), the bottom of the BGT was above the ground surface. After removal of the BGT, one 5-point composite soil sample was collected by Hilcorp personnel from beneath the BGT at a depth of approximately 0.5 feet below ground surface (bgs). The sample was submitted to Envirotech analytical laboratory for analysis of benzene, toluene, ethylbenzene, and total xylenes (BTEX) following United States Environmental Protection Agency (EPA) Method 8021B, total petroleum hydrocarbons (TPH) following Method 8015M/D, and chloride following EPA Method 300.0. Based on analytical results, TPH and chloride concentrations exceeded the limits presented in the Site BGT permit. As such, Hilcorp performed additional delineation and soil removal activities to address the exceedances. A summary of analytical results is included in Table 1, with complete laboratory reports attached as Appendix B.

DELINEATION AND SOIL AND EXCAVATION ACTIVITIES

Based on the BGT closure sampling results, Hilcorp retained Ensolum to conduct pothole delineation activities on July 30, 2025. Five potholes were advanced at the Site to lateral and vertically delineate potential impacts results from the BGT. Pothole PH01 was advanced in the center of the former BGT location in order to assess the soil with the greatest potential impacts. Potholes PH02 through PH05 were advanced to field screen and delineate the lateral and vertical extents of potential impacts. During delineation activities, Ensolum personnel logged soil lithology and field screened for the presence of volatile organic compounds (VOCs) using a calibrated photoionization detector (PID) and chloride using Hach® QuanTab® chloride test strips. Soil

descriptions and field screening results were noted in the field book. Photographs taken during delineation activities are provided in Appendix C. PID and chloride field screening results are also included in Table 1.

Three soil samples were collected from each pothole in order to delineate potential impacts at the Site: one at the surface from 0 inches to 6 inches in depth; one at the depth interval indicating the greatest VOC and/or chloride concentration based on field screening results; and one at the terminus of each pothole. Field screening measurements and observations indicated that there were no obvious impacts results from a release from the BGT. Chloride and PID readings were low to non-detect and there were no observations of staining, odors, or chloride crusting during delineation work. Soil samples were collected directly into laboratory-provided jars and immediately placed on ice. Samples were submitted to Eurofins Environment Testing (Eurofins) for analysis of BTEX, TPH, and chloride following the analytical methods described above. Based on the analytical results, BTEX, TPH, and/or chloride were either not detected above laboratory reporting limits or were not detected above the applicable Closure Criteria in any analyzed samples.

Based on the BGT closure sample and delineation sampling results described above, Hilcorp removed approximately 2 inches of soil from the areal extent of the former BGT. The shallow excavation measured approximately 20 feet by 20 feet by 2 inches in depth. Once soil was removed, one 5-point composite sample was collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. The soil sample was placed into laboratory provided containers and transported under proper chain of custody procedures to Eurofins for analysis of TPH, BTEX, and chloride using the methods described above. Analytical results from the excavation floor indicated concentrations of TPH, BTEX, and chloride were compliant with the BGT permit limits, NMOCD Table I Closure Criteria, and the NMOCD reclamation requirement in the confirmation floor sample. In total, approximately 2.5 cubic yards of impacted soil was removed and transported to the Envirotech Landfarm located in San Juan County, New Mexico. Soil sample results are summarized in Table 1, with complete laboratory analytical reports attached as Appendix B. Photographs taken by Ensolum during the excavation work are presented in Appendix C.

CLOSURE REQUEST

Site excavation and sampling activities were conducted at the Site to address the *de minimus* volume of impacted soil discovered on July 11, 2025 during BGT closure activities. Laboratory analytical results for the excavation confirmation soil samples, collected from the final excavation extent, indicated all COC concentrations were compliant with all applicable regulatory requirements, and no further action or remediation is required. Based on the volume of impacted soil removed and TPH concentrations detected in the initial BGT closure sample, Ensolum estimates the potential volume of TPH originating from the BGT as 0.20 gallons or 0.0048 barrels. Appendix D provides the calculations used to estimate the release volume. Based on this volume and the small volume of soil removed, this incident does not constitute a reportable release under Title 19, Chapter 15, Part 29 of the New Mexico Administrative Code.

Based on the initial BGT closure sample, impacted soil was removed and disposed off-Site. Excavation of impacted soil has mitigated impacts at this Site and these remedial actions have been protective of human health, the environment, and groundwater. As such, Hilcorp respectfully requests closure of the BGT permit.

We appreciate the opportunity to provide this report to the NMOCD. If you should have any questions or comments regarding this document, please contact the undersigned.

Sincerely,
Ensolum, LLC

Stuart Hyde, PG (licensed in WA & TX)
Senior Managing Geologist
(970) 903-1607
shyde@ensolum.com

Attachments:

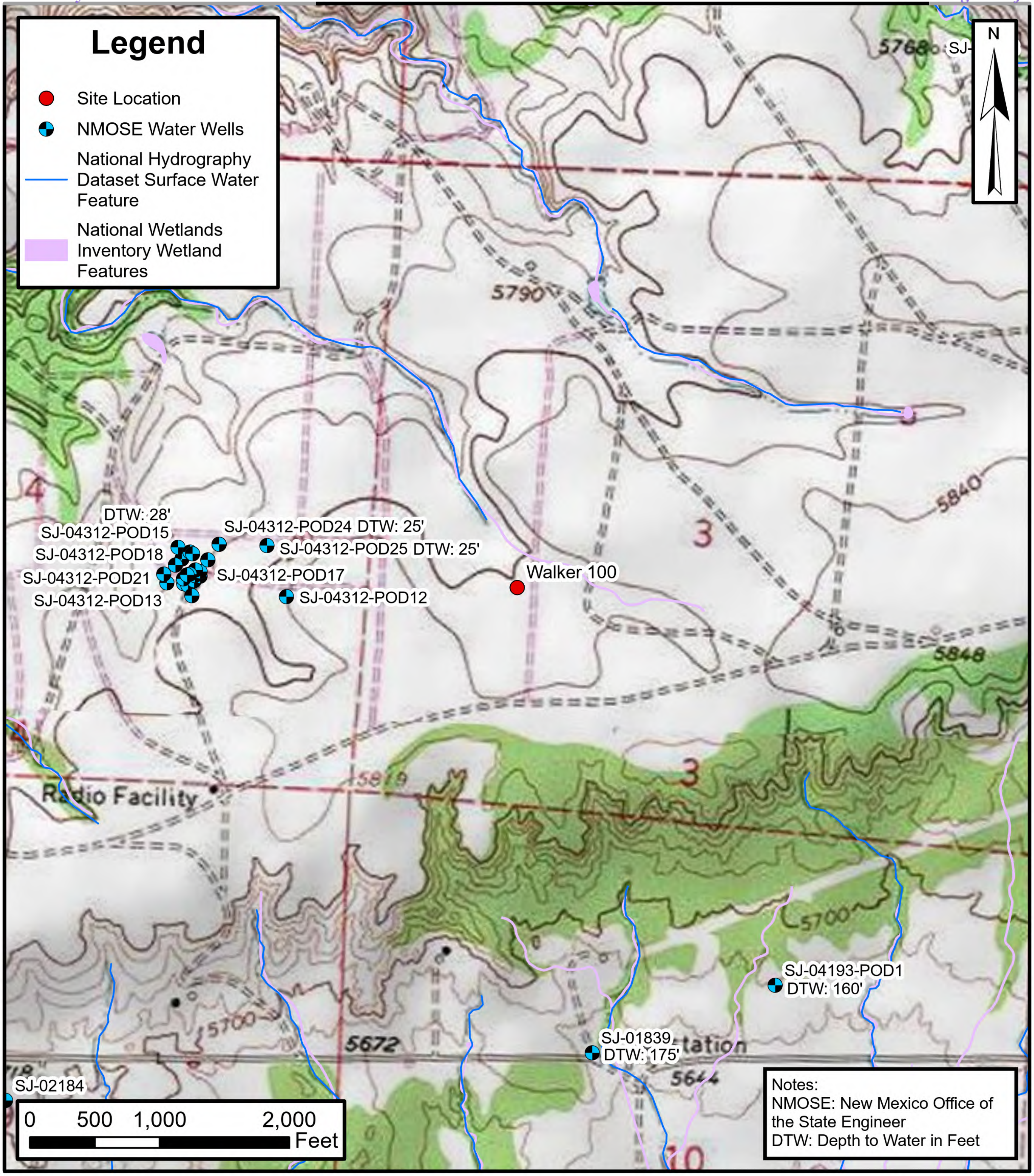
Figure 1: Site Location Map
Figure 2: Soil Sample Locations

Table 1: Soil Sample Analytical Results

Appendix A: BGT Closure Photographs
Appendix B: Laboratory Analytical Reports
Appendix C: Photographic Log
Appendix D: Estimated Release Volume

ENSOLUM

FIGURES



ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Site Location Map

Walker 100
Hilcorp Energy Company
36.75279, -108.09057
San Juan County, New Mexico

FIGURE
1

Sources: Environmental Systems Research Institute (ESRI), United States Geologic Survey (USGS), United States Fish and Wildlife Service (USFWS), National Geographic Society, i-cubed

Default Folder: C:\Users\Greg Pateet\OneDrive - ENSOLUM, LLC\Desktop\Ensolum GIS\Ensolum GIS\1 - Durango\Hilcorp\Walker 100

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Soil Sample Locations

Walker 100
Hilcorp Energy Company

36.75279, -108.09057
San Juan County, New Mexico

FIGURE
2

Sources: Google Earth (2019)

ENSOLUM

TABLES

ENSOLUM

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
Walker 100
Hilcorp Energy Co
San Juan, NM

Sample Identification	Date	Depth (feet bgs)	Chloride Field Test (ppm)	PID (ppm)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Closure Criteria for Soils Impacted by a Release			NE	NE	**10**	NE	NE	NE	**50**	NE	NE	NE	**100**	**600**
Below Grade Tank Closure Soil Sample														
Bottom Comp 6"	7/11/2025	0.5	NA	NA	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	62.7	150	**213**	**865**
Pothole Delineation Soil Samples														
PH01@0-0.5'	7/30/2025	0 - 0.5	<156.8	3.6	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	12	85	97	<60
PH01@1'	7/30/2025	1	<156.8	8.0	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.7	<48	<48	<60
PH01@5'	7/30/2025	5	<156.8	4.6	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.9	<50	<50	<60
PH02@0-0.5'	7/30/2025	0 - 0.5	<156.8	2.9	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.9	<49	<49	<60
PH02@1'	7/30/2025	1	NA	4.4	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.9	<49	<49	<60
PH02@5'	7/30/2025	5	<156.8	3.8	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<9.4	<47	<47	<60
PH03@0-0.5'	7/30/2025	0 - 0.5	<156.8	2.5	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<10	<50	<50	<60
PH03@3'	7/30/2025	3	NA	3.7	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.5	<47	<47	<60
PH03@5'	7/30/2025	5	<156.8	2.3	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.9	<50	<50	<60
PH04@0-0.5'	7/30/2025	0 - 0.5	<156.8	1.7	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	<9.7	<48	<48	<60
PH04@1'	7/30/2025	1	NA	3.7	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	<9.6	<48	<48	<60
PH04@5'	7/30/2025	5	<156.8	3.1	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.9	<50	<50	120
PH05@0-0.5'	7/30/2025	0 - 0.5	<156.8	3.7	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.9	<50	<50	<60
PH05@3'	7/30/2025	3	NA	3.4	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.5	<48	<48	<60
PH05@5'	7/30/2025	5	<156.8	4.2	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.4	<47	<47	<60
Excavation Confirmation Soil Sample														
Bottom Comp 8"	7/30/2025	0.66	190.4	3.9	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.4	<47	<47	60

Notes:

bgs: Below ground surface
BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes
mg/kg: Milligrams per kilogram
NA: Not analyzed/tested
NMOCD: New Mexico Oil Conservation Division
PID: Photoionization detector
ppm: Parts per million
GRO: Gasoline Range Organics
DRO: Diesel Range Organics
MRO: Motor Oil/Lube Oil Range Organics
TPH: Total Petroleum Hydrocarbon
': Feet
< : Indicates result less than the stated laboratory reporting limit (RL)
*Concentrations in **bold** and shaded exceed the New Mexico Oil Conservation Division Table I Closure Criteria for Soils Impacted by a Release*

ENSOLUM

APPENDIX A

BGT Closure Photographs

DIRECTION
171 deg(T)

36.75303°N
108.09116°W

ACCURACY 5 m
DATUM WGS84

Walker 100 Dry Hole Marker

2025-07-11
09:16:53-06:00


DIRECTION
30 deg(T)
36.75325°N
108.09120°W
ACCURACY 4 m
DATUM WGS84
Walker 100
Before Removal
2025-07-11
09:28:43-06:00


DIRECTION
43 deg(T)
36.75325°N
108.09119°W
ACCURACY 5 m
DATUM WGS84
Walker 100
After Removal
with Composite
Sample Points
2025-07-11
09:59:45-06:00

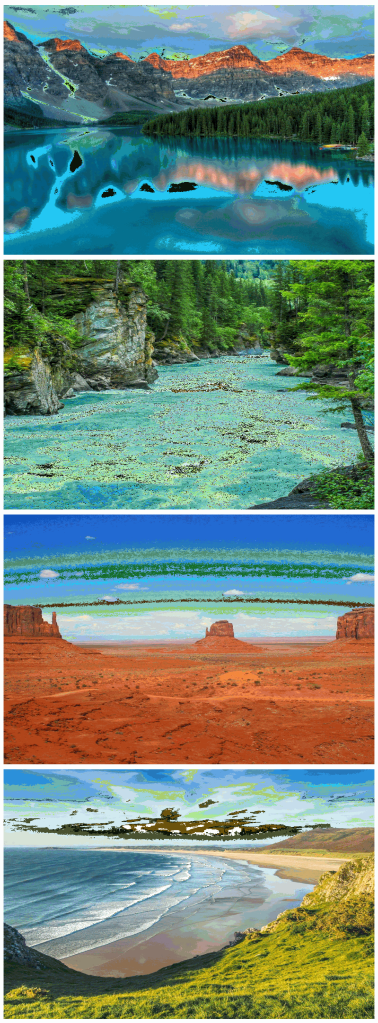
ENSOLUM

APPENDIX B

Laboratory Analytical Reports

Report to:

Mitch Killough



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Hilcorp Energy Co

Project Name:	Walker 100
Work Order:	E507111
Job Number:	17051-0002
Received:	7/11/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/18/25

Date Reported: 7/18/25

Mitch Killough
PO Box 61529
Houston, TX 77208

Project Name: Walker 100
Workorder: E507111
Date Received: 7/11/2025 2:21:00PM

Mitch Killough,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/11/2025 2:21:00PM, under the Project Name: Walker 100.

The analytical test results summarized in this report with the Project Name: Walker 100 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Hilcorp Energy Co	Project Name:	Walker 100	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	07/18/25 08:58

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Bottom Comp 6"	E507111-01A	Soil	07/11/25	07/11/25	Glass Jar, 4 oz.

Sample Data

Hilcorp Energy Co	Project Name:	Walker 100	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	7/18/2025 8:58:24AM

Bottom Comp 6"

E507111-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2529026
Benzene	ND	0.0250	1	07/14/25	07/16/25	
Ethylbenzene	ND	0.0250	1	07/14/25	07/16/25	
Toluene	ND	0.0250	1	07/14/25	07/16/25	
o-Xylene	ND	0.0250	1	07/14/25	07/16/25	
p,m-Xylene	ND	0.0500	1	07/14/25	07/16/25	
Total Xylenes	ND	0.0250	1	07/14/25	07/16/25	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*07/14/25*	*07/16/25*	
Surrogate: 1,2-Dichloroethane-d4		*98.5 %*	*70-130*	*07/14/25*	*07/16/25*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*07/14/25*	*07/16/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2529026
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/14/25	07/16/25	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*07/14/25*	*07/16/25*	
Surrogate: 1,2-Dichloroethane-d4		*98.5 %*	*70-130*	*07/14/25*	*07/16/25*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*07/14/25*	*07/16/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2528182
Diesel Range Organics (C10-C28)	**62.7**	25.0	1	07/11/25	07/15/25	
Oil Range Organics (C28-C36)	**150**	50.0	1	07/11/25	07/15/25	
Surrogate: n-Nonane		*97.2 %*	*61-141*	*07/11/25*	*07/15/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2529053
Chloride	**865**	20.0	1	07/15/25	07/15/25	

QC Summary Data

Hilcorp Energy Co	Project Name:	Walker 100	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	7/18/2025 8:58:24AM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2529026-BLK1)									Prepared: 07/14/25 Analyzed: 07/16/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.557*		*0.500*		*111*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.476*		*0.500*		*95.2*	*70-130*			
Surrogate: Toluene-d8	*0.534*		*0.500*		*107*	*70-130*			
LCS (2529026-BS1)									Prepared: 07/14/25 Analyzed: 07/16/25
Benzene	1.91	0.0250	2.50		76.5	70-130			
Ethylbenzene	1.98	0.0250	2.50		79.3	70-130			
Toluene	1.88	0.0250	2.50		75.3	70-130			
o-Xylene	1.94	0.0250	2.50		77.5	70-130			
p,m-Xylene	3.89	0.0500	5.00		77.7	70-130			
Total Xylenes	5.82	0.0250	7.50		77.7	70-130			
Surrogate: Bromofluorobenzene	*0.563*		*0.500*		*113*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: Toluene-d8	*0.519*		*0.500*		*104*	*70-130*			
Matrix Spike (2529026-MS1)				**Source: E507140-03**					Prepared: 07/14/25 Analyzed: 07/16/25
Benzene	2.03	0.0250	2.50	ND	81.0	48-131			
Ethylbenzene	2.17	0.0250	2.50	ND	86.7	45-135			
Toluene	2.06	0.0250	2.50	ND	82.6	48-130			
o-Xylene	2.17	0.0250	2.50	ND	86.9	43-135			
p,m-Xylene	4.35	0.0500	5.00	ND	87.0	43-135			
Total Xylenes	6.53	0.0250	7.50	ND	87.0	43-135			
Surrogate: Bromofluorobenzene	*0.561*		*0.500*		*112*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.486*		*0.500*		*97.1*	*70-130*			
Surrogate: Toluene-d8	*0.532*		*0.500*		*106*	*70-130*			
Matrix Spike Dup (2529026-MSD1)				**Source: E507140-03**					Prepared: 07/14/25 Analyzed: 07/16/25
Benzene	2.04	0.0250	2.50	ND	81.7	48-131	0.836	23	
Ethylbenzene	2.21	0.0250	2.50	ND	88.5	45-135	2.05	27	
Toluene	2.12	0.0250	2.50	ND	84.7	48-130	2.51	24	
o-Xylene	2.22	0.0250	2.50	ND	88.6	43-135	1.96	27	
p,m-Xylene	4.43	0.0500	5.00	ND	88.6	43-135	1.79	27	
Total Xylenes	6.65	0.0250	7.50	ND	88.6	43-135	1.84	27	
Surrogate: Bromofluorobenzene	*0.571*		*0.500*		*114*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.472*		*0.500*		*94.4*	*70-130*			
Surrogate: Toluene-d8	*0.537*		*0.500*		*107*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	Walker 100	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	7/18/2025 8:58:24AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2529026-BLK1)									Prepared: 07/14/25 Analyzed: 07/16/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.557*		*0.500*		*111*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.476*		*0.500*		*95.2*	*70-130*			
Surrogate: Toluene-d8	*0.534*		*0.500*		*107*	*70-130*			
LCS (2529026-BS2)									Prepared: 07/14/25 Analyzed: 07/16/25
Gasoline Range Organics (C6-C10)	47.0	20.0	50.0		93.9	70-130			
Surrogate: Bromofluorobenzene	*0.567*		*0.500*		*113*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.479*		*0.500*		*95.7*	*70-130*			
Surrogate: Toluene-d8	*0.534*		*0.500*		*107*	*70-130*			
Matrix Spike (2529026-MS2)				**Source: E507140-03**					Prepared: 07/14/25 Analyzed: 07/16/25
Gasoline Range Organics (C6-C10)	46.7	20.0	50.0	ND	93.3	70-130			
Surrogate: Bromofluorobenzene	*0.569*		*0.500*		*114*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.474*		*0.500*		*94.8*	*70-130*			
Surrogate: Toluene-d8	*0.540*		*0.500*		*108*	*70-130*			
Matrix Spike Dup (2529026-MSD2)				**Source: E507140-03**					Prepared: 07/14/25 Analyzed: 07/16/25
Gasoline Range Organics (C6-C10)	43.6	20.0	50.0	ND	87.3	70-130	6.70	20	
Surrogate: Bromofluorobenzene	*0.561*		*0.500*		*112*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.494*		*0.500*		*98.7*	*70-130*			
Surrogate: Toluene-d8	*0.547*		*0.500*		*109*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	Walker 100	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	7/18/2025 8:58:24AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2528182-BLK1)									Prepared: 07/11/25 Analyzed: 07/14/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*48.7*		*50.0*		*97.4*	*61-141*			
LCS (2528182-BS1)									Prepared: 07/11/25 Analyzed: 07/14/25
Diesel Range Organics (C10-C28)	266	25.0	250		106	66-144			
Surrogate: n-Nonane	*48.1*		*50.0*		*96.1*	*61-141*			
Matrix Spike (2528182-MS1)				**Source: E507078-06**					Prepared: 07/11/25 Analyzed: 07/14/25
Diesel Range Organics (C10-C28)	275	25.0	250	ND	110	56-156			
Surrogate: n-Nonane	*50.7*		*50.0*		*101*	*61-141*			
Matrix Spike Dup (2528182-MSD1)				**Source: E507078-06**					Prepared: 07/11/25 Analyzed: 07/14/25
Diesel Range Organics (C10-C28)	275	25.0	250	ND	110	56-156	0.0485	20	
Surrogate: n-Nonane	*50.4*		*50.0*		*101*	*61-141*			

QC Summary Data

Hilcorp Energy Co	Project Name:	Walker 100	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	7/18/2025 8:58:24AM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2529053-BLK1)									Prepared: 07/15/25 Analyzed: 07/15/25
Chloride	ND	20.0							
LCS (2529053-BS1)									Prepared: 07/15/25 Analyzed: 07/15/25
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2529053-MS1)				**Source: E507147-24**					Prepared: 07/15/25 Analyzed: 07/15/25
Chloride	308	20.0	250	53.8	102	80-120			
Matrix Spike Dup (2529053-MSD1)				**Source: E507147-24**					Prepared: 07/15/25 Analyzed: 07/15/25
Chloride	302	20.0	250	53.8	99.1	80-120	2.03	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Hilcorp Energy Co	Project Name:	Walker 100	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	07/18/25 08:58

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only		TAT				State				
Client: Hilcorp	Company:	Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX	
Project Name: Walker 100	Address:	E507111	17051.0002				✓	✓				
Project Manager: Mitch Killough	City, State, Zip:											
Address:	Phone:											
City, State, Zip:	Email:											
Phone:	Miscellaneous:											
Email: mkillough@hilcorp.com												

Analysis and Method

Sample Information								DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		EPA Program	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number													SDWA / CWA / RCRA	
																			Compliance Y or N	
																			PWSID #	
1000	7-11	soil	1	Bottom Comp 6"		1										✓			Sample Temp: 4.6	Remarks

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.
Sampled by: Brandon Sinclair

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	7-11	2:21	[signature]	7.11.25	14:21
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

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

Lab Use Only
Received on ice: (Y) N

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 7/11/2025 2:38:05PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Hilcorp Energy Co	Date Received:	07/11/25 14:21	Work Order ID:	E507111
Phone:	-	Date Logged In:	07/11/25 14:36	Logged In By:	Caitlin Mars
Email:	mkillough@hilcorp.com	Due Date:	07/18/25 17:00 (5 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Brandon Sinclair
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.	

Sample Container

14. Are aqueous VOC samples present?	No
15. Are VOC samples collected in VOA Vials?	NA
16. Is the head space less than 6-8 mm (pea sized or less)?	NA
17. Was a trip blank (TB) included for VOC analyses?	NA
18. Are non-VOC samples collected in the correct containers?	Yes
19. Is the appropriate volume/weight or number of sample containers collected?	Yes

Field Label

20. Were field sample labels filled out with the minimum information:	
Sample ID?	Yes
Date/Time Collected?	Yes
Collectors name?	Yes

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mitch Killough
Hilcorp Energy
PO BOX 4700
Farmington, New Mexico 87499

Generated 8/6/2025 7:53:24 AM

JOB DESCRIPTION

Walker 100

JOB NUMBER

885-29962-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization

Generated
8/6/2025 7:53:24 AM

Authorized for release by
Michelle Garcia, Project Manager
michelle.garcia@et.eurofinsus.com
(505)345-3975

Client: Hilcorp Energy
Project/Site: Walker 100

Laboratory Job ID: 885-29962-1

Table of Contents

Definitions/Glossary

Client: Hilcorp Energy
Project/Site: Walker 100

Job ID: 885-29962-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low biased.

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

Case Narrative

Client: Hilcorp Energy
Project: Walker 100

Job ID: 885-29962-1

Job ID: 885-29962-1 Eurofins Albuquerque

Job Narrative
885-29962-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 7/31/2025 7:10 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 0.9°C.

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

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

Diesel Range Organics
Method 8015D_DRO: Surrogate recovery for the following samples is outside the lower control limit: (LCS 885-31440/2-A), (885-29964-A-1-E MS) and (885-29964-A-1-F MSD). However, samples have acceptable surrogate within limits. Therefore, data is reported.

Method 8015D_DRO: The continuing calibration verification (CCV) associated with batch 885-31484 recovered above the upper control limit for Diesel Range Organics [C10-C28]. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:PH05@0-0.5' (885-29962-13).

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: Hilcorp Energy
Project/Site: Walker 100

Job ID: 885-29962-1

Client Sample ID: PH01@0-0.5'

Lab Sample ID: 885-29962-1

Date Collected: 07/30/25 10:06

Matrix: Solid

Date Received: 07/31/25 07:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		08/01/25 12:12	08/05/25 03:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*	*08/01/25 12:12*	*08/05/25 03:15*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/01/25 12:12	08/05/25 03:15	1
Ethylbenzene	ND		0.050		mg/Kg		08/01/25 12:12	08/05/25 03:15	1
Toluene	ND		0.050		mg/Kg		08/01/25 12:12	08/05/25 03:15	1
Xylenes, Total	ND		0.10		mg/Kg		08/01/25 12:12	08/05/25 03:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*08/01/25 12:12*	*08/05/25 03:15*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**12**		9.7		mg/Kg		08/01/25 14:29	08/01/25 19:01	1
Motor Oil Range Organics [C28-C40]	**85**		49		mg/Kg		08/01/25 14:29	08/01/25 19:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*110*		*62 - 134*	*08/01/25 14:29*	*08/01/25 19:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/02/25 07:15	08/02/25 11:09	20

Client Sample Results

Client: Hilcorp Energy
Project/Site: Walker 100

Job ID: 885-29962-1

Client Sample ID: PH01@1'

Date Collected: 07/30/25 09:58
Date Received: 07/31/25 07:10

Lab Sample ID: 885-29962-2

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8		mg/Kg		08/01/25 12:12	08/05/25 03:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*15 - 150*	*08/01/25 12:12*	*08/05/25 03:39*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/01/25 12:12	08/05/25 03:39	1
Ethylbenzene	ND		0.048		mg/Kg		08/01/25 12:12	08/05/25 03:39	1
Toluene	ND		0.048		mg/Kg		08/01/25 12:12	08/05/25 03:39	1
Xylenes, Total	ND		0.096		mg/Kg		08/01/25 12:12	08/05/25 03:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*15 - 150*	*08/01/25 12:12*	*08/05/25 03:39*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		08/01/25 14:29	08/01/25 19:13	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/01/25 14:29	08/01/25 19:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*114*		*62 - 134*	*08/01/25 14:29*	*08/01/25 19:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/02/25 07:15	08/02/25 11:50	20

Client Sample Results

Client: Hilcorp Energy
Project/Site: Walker 100

Job ID: 885-29962-1

Client Sample ID: PH01@5'

Date Collected: 07/30/25 10:04
Date Received: 07/31/25 07:10

Lab Sample ID: 885-29962-3

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		08/01/25 12:12	08/05/25 04:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*15 - 150*	*08/01/25 12:12*	*08/05/25 04:03*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/01/25 12:12	08/05/25 04:03	1
Ethylbenzene	ND		0.050		mg/Kg		08/01/25 12:12	08/05/25 04:03	1
Toluene	ND		0.050		mg/Kg		08/01/25 12:12	08/05/25 04:03	1
Xylenes, Total	ND		0.099		mg/Kg		08/01/25 12:12	08/05/25 04:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*15 - 150*	*08/01/25 12:12*	*08/05/25 04:03*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9		mg/Kg		08/01/25 14:29	08/01/25 19:38	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/01/25 14:29	08/01/25 19:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*94*		*62 - 134*	*08/01/25 14:29*	*08/01/25 19:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/02/25 07:15	08/02/25 12:03	20

Client Sample Results

Client: Hilcorp Energy
Project/Site: Walker 100

Job ID: 885-29962-1

Client Sample ID: PH02@0-0.5'

Date Collected: 07/30/25 10:51
Date Received: 07/31/25 07:10

Lab Sample ID: 885-29962-4

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		08/01/25 12:12	08/05/25 04:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*15 - 150*	*08/01/25 12:12*	*08/05/25 04:27*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/01/25 12:12	08/05/25 04:27	1
Ethylbenzene	ND		0.050		mg/Kg		08/01/25 12:12	08/05/25 04:27	1
Toluene	ND		0.050		mg/Kg		08/01/25 12:12	08/05/25 04:27	1
Xylenes, Total	ND		0.099		mg/Kg		08/01/25 12:12	08/05/25 04:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*08/01/25 12:12*	*08/05/25 04:27*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9		mg/Kg		08/01/25 14:29	08/01/25 19:51	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/01/25 14:29	08/01/25 19:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*91*		*62 - 134*	*08/01/25 14:29*	*08/01/25 19:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/02/25 07:15	08/02/25 12:17	20

Client Sample Results

Client: Hilcorp Energy
Project/Site: Walker 100

Job ID: 885-29962-1

Client Sample ID: PH02@1'

Date Collected: 07/30/25 10:08
Date Received: 07/31/25 07:10

Lab Sample ID: 885-29962-5

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9		mg/Kg		08/01/25 12:12	08/05/25 04:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*15 - 150*	*08/01/25 12:12*	*08/05/25 04:51*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/01/25 12:12	08/05/25 04:51	1
Ethylbenzene	ND		0.049		mg/Kg		08/01/25 12:12	08/05/25 04:51	1
Toluene	ND		0.049		mg/Kg		08/01/25 12:12	08/05/25 04:51	1
Xylenes, Total	ND		0.098		mg/Kg		08/01/25 12:12	08/05/25 04:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*08/01/25 12:12*	*08/05/25 04:51*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9		mg/Kg		08/01/25 14:29	08/01/25 20:03	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		08/01/25 14:29	08/01/25 20:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*93*		*62 - 134*	*08/01/25 14:29*	*08/01/25 20:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/02/25 07:15	08/02/25 12:31	20

Client Sample Results

Client: Hilcorp Energy
Project/Site: Walker 100

Job ID: 885-29962-1

Client Sample ID: PH02@5'

Date Collected: 07/30/25 10:14
Date Received: 07/31/25 07:10

Lab Sample ID: 885-29962-6

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9		mg/Kg		08/01/25 12:12	08/05/25 05:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*15 - 150*	*08/01/25 12:12*	*08/05/25 05:14*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/01/25 12:12	08/05/25 05:14	1
Ethylbenzene	ND		0.049		mg/Kg		08/01/25 12:12	08/05/25 05:14	1
Toluene	ND		0.049		mg/Kg		08/01/25 12:12	08/05/25 05:14	1
Xylenes, Total	ND		0.097		mg/Kg		08/01/25 12:12	08/05/25 05:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*08/01/25 12:12*	*08/05/25 05:14*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4		mg/Kg		08/01/25 14:29	08/01/25 20:15	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/01/25 14:29	08/01/25 20:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*97*		*62 - 134*	*08/01/25 14:29*	*08/01/25 20:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/02/25 07:15	08/02/25 12:44	20

Client Sample Results

Client: Hilcorp Energy
Project/Site: Walker 100

Job ID: 885-29962-1

Client Sample ID: PH03@0-0.5'

Date Collected: 07/30/25 10:53
Date Received: 07/31/25 07:10

Lab Sample ID: 885-29962-7

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9		mg/Kg		08/01/25 12:12	08/05/25 05:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*15 - 150*	*08/01/25 12:12*	*08/05/25 05:38*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/01/25 12:12	08/05/25 05:38	1
Ethylbenzene	ND		0.049		mg/Kg		08/01/25 12:12	08/05/25 05:38	1
Toluene	ND		0.049		mg/Kg		08/01/25 12:12	08/05/25 05:38	1
Xylenes, Total	ND		0.099		mg/Kg		08/01/25 12:12	08/05/25 05:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*15 - 150*	*08/01/25 12:12*	*08/05/25 05:38*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		08/01/25 14:29	08/01/25 20:28	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/01/25 14:29	08/01/25 20:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*98*		*62 - 134*	*08/01/25 14:29*	*08/01/25 20:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/02/25 07:15	08/02/25 12:58	20

Client Sample Results

Client: Hilcorp Energy
Project/Site: Walker 100

Job ID: 885-29962-1

Client Sample ID: PH03@3'

Date Collected: 07/30/25 10:21
Date Received: 07/31/25 07:10

Lab Sample ID: 885-29962-8

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9		mg/Kg		08/01/25 12:12	08/05/25 06:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*15 - 150*	*08/01/25 12:12*	*08/05/25 06:25*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/01/25 12:12	08/05/25 06:25	1
Ethylbenzene	ND		0.049		mg/Kg		08/01/25 12:12	08/05/25 06:25	1
Toluene	ND		0.049		mg/Kg		08/01/25 12:12	08/05/25 06:25	1
Xylenes, Total	ND		0.098		mg/Kg		08/01/25 12:12	08/05/25 06:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*15 - 150*	*08/01/25 12:12*	*08/05/25 06:25*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5		mg/Kg		08/01/25 14:29	08/01/25 20:40	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/01/25 14:29	08/01/25 20:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*95*		*62 - 134*	*08/01/25 14:29*	*08/01/25 20:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/02/25 07:15	08/02/25 13:12	20

Client Sample Results

Client: Hilcorp Energy
Project/Site: Walker 100

Job ID: 885-29962-1

Client Sample ID: PH03@5'

Date Collected: 07/30/25 10:23
Date Received: 07/31/25 07:10

Lab Sample ID: 885-29962-9

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8		mg/Kg		08/01/25 12:12	08/05/25 06:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*15 - 150*	*08/01/25 12:12*	*08/05/25 06:49*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/01/25 12:12	08/05/25 06:49	1
Ethylbenzene	ND		0.048		mg/Kg		08/01/25 12:12	08/05/25 06:49	1
Toluene	ND		0.048		mg/Kg		08/01/25 12:12	08/05/25 06:49	1
Xylenes, Total	ND		0.096		mg/Kg		08/01/25 12:12	08/05/25 06:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*08/01/25 12:12*	*08/05/25 06:49*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9		mg/Kg		08/01/25 14:29	08/01/25 20:53	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/01/25 14:29	08/01/25 20:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*90*		*62 - 134*	*08/01/25 14:29*	*08/01/25 20:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/02/25 07:15	08/02/25 13:25	20

Client Sample Results

Client: Hilcorp Energy
Project/Site: Walker 100

Job ID: 885-29962-1

Client Sample ID: PH04@0-0.5'

Lab Sample ID: 885-29962-10

Date Collected: 07/30/25 10:55
Matrix: Solid
Date Received: 07/31/25 07:10

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8		mg/Kg		08/01/25 12:12	08/05/25 07:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*15 - 150*	*08/01/25 12:12*	*08/05/25 07:12*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/01/25 12:12	08/05/25 07:12	1
Ethylbenzene	ND		0.048		mg/Kg		08/01/25 12:12	08/05/25 07:12	1
Toluene	ND		0.048		mg/Kg		08/01/25 12:12	08/05/25 07:12	1
Xylenes, Total	ND		0.095		mg/Kg		08/01/25 12:12	08/05/25 07:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*15 - 150*	*08/01/25 12:12*	*08/05/25 07:12*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		08/01/25 14:29	08/01/25 21:05	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/01/25 14:29	08/01/25 21:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*98*		*62 - 134*	*08/01/25 14:29*	*08/01/25 21:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/02/25 07:15	08/02/25 13:39	20

Client Sample Results

Client: Hilcorp Energy
Project/Site: Walker 100

Job ID: 885-29962-1

Client Sample ID: PH04@1'

Date Collected: 07/30/25 10:27
Date Received: 07/31/25 07:10

Lab Sample ID: 885-29962-11

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.7		mg/Kg		08/01/25 12:12	08/05/25 07:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*15 - 150*	*08/01/25 12:12*	*08/05/25 07:36*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/01/25 12:12	08/05/25 07:36	1
Ethylbenzene	ND		0.047		mg/Kg		08/01/25 12:12	08/05/25 07:36	1
Toluene	ND		0.047		mg/Kg		08/01/25 12:12	08/05/25 07:36	1
Xylenes, Total	ND		0.095		mg/Kg		08/01/25 12:12	08/05/25 07:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*08/01/25 12:12*	*08/05/25 07:36*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		08/01/25 14:29	08/01/25 21:17	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/01/25 14:29	08/01/25 21:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*100*		*62 - 134*	*08/01/25 14:29*	*08/01/25 21:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/02/25 07:15	08/02/25 13:52	20

Client Sample Results

Client: Hilcorp Energy
Project/Site: Walker 100

Job ID: 885-29962-1

Client Sample ID: PH04@5'

Date Collected: 07/30/25 10:32
Date Received: 07/31/25 07:10

Lab Sample ID: 885-29962-12

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8		mg/Kg		08/01/25 12:12	08/05/25 07:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*15 - 150*	*08/01/25 12:12*	*08/05/25 07:59*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/01/25 12:12	08/05/25 07:59	1
Ethylbenzene	ND		0.048		mg/Kg		08/01/25 12:12	08/05/25 07:59	1
Toluene	ND		0.048		mg/Kg		08/01/25 12:12	08/05/25 07:59	1
Xylenes, Total	ND		0.097		mg/Kg		08/01/25 12:12	08/05/25 07:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*15 - 150*	*08/01/25 12:12*	*08/05/25 07:59*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9		mg/Kg		08/01/25 14:29	08/01/25 21:30	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/01/25 14:29	08/01/25 21:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*101*		*62 - 134*	*08/01/25 14:29*	*08/01/25 21:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**120**		60		mg/Kg		08/02/25 07:15	08/02/25 14:33	20

Client Sample Results

Client: Hilcorp Energy
Project/Site: Walker 100

Job ID: 885-29962-1

Client Sample ID: PH05@0-0.5'

Date Collected: 07/30/25 10:57
Date Received: 07/31/25 07:10

Lab Sample ID: 885-29962-13

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9		mg/Kg		08/01/25 12:12	08/05/25 08:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*08/01/25 12:12*	*08/05/25 08:23*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/01/25 12:12	08/05/25 08:23	1
Ethylbenzene	ND		0.049		mg/Kg		08/01/25 12:12	08/05/25 08:23	1
Toluene	ND		0.049		mg/Kg		08/01/25 12:12	08/05/25 08:23	1
Xylenes, Total	ND		0.098		mg/Kg		08/01/25 12:12	08/05/25 08:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*08/01/25 12:12*	*08/05/25 08:23*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9		mg/Kg		08/04/25 11:30	08/04/25 19:18	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/04/25 11:30	08/04/25 19:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*97*		*62 - 134*	*08/04/25 11:30*	*08/04/25 19:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/02/25 07:15	08/02/25 14:47	20

Client Sample Results

Client: Hilcorp Energy
Project/Site: Walker 100

Job ID: 885-29962-1

Client Sample ID: PH05@3'

Date Collected: 07/30/25 10:40
Date Received: 07/31/25 07:10

Lab Sample ID: 885-29962-14

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8		mg/Kg		08/01/25 12:12	08/05/25 08:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*15 - 150*	*08/01/25 12:12*	*08/05/25 08:47*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/01/25 12:12	08/05/25 08:47	1
Ethylbenzene	ND		0.048		mg/Kg		08/01/25 12:12	08/05/25 08:47	1
Toluene	ND		0.048		mg/Kg		08/01/25 12:12	08/05/25 08:47	1
Xylenes, Total	ND		0.096		mg/Kg		08/01/25 12:12	08/05/25 08:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*08/01/25 12:12*	*08/05/25 08:47*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5		mg/Kg		08/01/25 14:29	08/01/25 21:42	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		08/01/25 14:29	08/01/25 21:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*106*		*62 - 134*	*08/01/25 14:29*	*08/01/25 21:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/02/25 07:15	08/02/25 15:01	20

Client Sample Results

Client: Hilcorp Energy
Project/Site: Walker 100

Job ID: 885-29962-1

Client Sample ID: PH05@5'

Date Collected: 07/30/25 10:42
Date Received: 07/31/25 07:10

Lab Sample ID: 885-29962-15

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9		mg/Kg		08/01/25 12:12	08/05/25 09:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*15 - 150*	*08/01/25 12:12*	*08/05/25 09:10*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/01/25 12:12	08/05/25 09:10	1
Ethylbenzene	ND		0.049		mg/Kg		08/01/25 12:12	08/05/25 09:10	1
Toluene	ND		0.049		mg/Kg		08/01/25 12:12	08/05/25 09:10	1
Xylenes, Total	ND		0.098		mg/Kg		08/01/25 12:12	08/05/25 09:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*08/01/25 12:12*	*08/05/25 09:10*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4		mg/Kg		08/01/25 14:29	08/01/25 21:54	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/01/25 14:29	08/01/25 21:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*106*		*62 - 134*	*08/01/25 14:29*	*08/01/25 21:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		08/02/25 07:15	08/02/25 15:14	20

Client Sample Results

Client: Hilcorp Energy
Project/Site: Walker 100

Job ID: 885-29962-1

Client Sample ID: Bottom Comp 8"

Date Collected: 07/30/25 11:29
Date Received: 07/31/25 07:10

Lab Sample ID: 885-29962-16

Matrix: Solid

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8		mg/Kg		08/01/25 12:12	08/05/25 09:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*15 - 150*	*08/01/25 12:12*	*08/05/25 09:34*	*1*

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		08/01/25 12:12	08/05/25 09:34	1
Ethylbenzene	ND		0.048		mg/Kg		08/01/25 12:12	08/05/25 09:34	1
Toluene	ND		0.048		mg/Kg		08/01/25 12:12	08/05/25 09:34	1
Xylenes, Total	ND		0.096		mg/Kg		08/01/25 12:12	08/05/25 09:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*15 - 150*	*08/01/25 12:12*	*08/05/25 09:34*	*1*

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4		mg/Kg		08/01/25 14:29	08/01/25 22:07	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		08/01/25 14:29	08/01/25 22:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*107*		*62 - 134*	*08/01/25 14:29*	*08/01/25 22:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**60**		60		mg/Kg		08/02/25 07:15	08/02/25 15:28	20

QC Sample Results

Client: Hilcorp Energy
Project/Site: Walker 100

Job ID: 885-29962-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-31435/1-A
Matrix: Solid
Analysis Batch: 31603

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 31435

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		08/01/25 12:12	08/05/25 00:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*15 - 150*	*08/01/25 12:12*	*08/05/25 00:05*	*1*

Lab Sample ID: LCS 885-31435/2-A
Matrix: Solid
Analysis Batch: 31603

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 31435

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			25.0	21.9		mg/Kg		87	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*192*		*15 - 150*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-31435/1-A
Matrix: Solid
Analysis Batch: 31604

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 31435

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		08/01/25 12:12	08/05/25 00:05	1
Ethylbenzene	ND		0.050		mg/Kg		08/01/25 12:12	08/05/25 00:05	1
Toluene	ND		0.050		mg/Kg		08/01/25 12:12	08/05/25 00:05	1
Xylenes, Total	ND		0.10		mg/Kg		08/01/25 12:12	08/05/25 00:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*15 - 150*	*08/01/25 12:12*	*08/05/25 00:05*	*1*

Lab Sample ID: LCS 885-31435/3-A
Matrix: Solid
Analysis Batch: 31604

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 31435

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	0.849		mg/Kg		85	70 - 130		
Ethylbenzene			1.00	0.892		mg/Kg		89	70 - 130		
m&p-Xylene			2.00	1.89		mg/Kg		94	70 - 130		
o-Xylene			1.00	0.900		mg/Kg		90	70 - 130		
Toluene			1.00	0.876		mg/Kg		88	70 - 130		
Xylenes, Total			3.00	2.79		mg/Kg		93	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*15 - 150*

QC Sample Results

Client: Hilcorp Energy
Project/Site: Walker 100

Job ID: 885-29962-1

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-31440/1-A
Matrix: Solid
Analysis Batch: 31404

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 31440

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		08/01/25 14:26	08/01/25 17:10	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/01/25 14:26	08/01/25 17:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*98*		*62 - 134*	*08/01/25 14:26*	*08/01/25 17:10*	*1*

Lab Sample ID: LCS 885-31440/2-A
Matrix: Solid
Analysis Batch: 31404

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 31440

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	48.8		mg/Kg		98	51 - 148		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*34*	*S1-*	*62 - 134*

Lab Sample ID: MB 885-31499/1-A
Matrix: Solid
Analysis Batch: 31484

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 31499

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		08/04/25 11:30	08/04/25 15:03	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		08/04/25 11:30	08/04/25 15:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*89*		*62 - 134*	*08/04/25 11:30*	*08/04/25 15:03*	*1*

Lab Sample ID: LCS 885-31499/2-A
Matrix: Solid
Analysis Batch: 31484

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 31499

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	36.9		mg/Kg		74	51 - 148		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*79*		*62 - 134*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-31459/1-A
Matrix: Solid
Analysis Batch: 31460

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 31459

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.5		mg/Kg		08/02/25 07:15	08/02/25 08:51	1

QC Sample Results

Client: Hilcorp Energy
Project/Site: Walker 100

Job ID: 885-29962-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-31459/2-A
Matrix: Solid
Analysis Batch: 31460

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 31459

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			15.0	14.5		mg/Kg		97	90 - 110		

QC Association Summary

Client: Hilcorp Energy
Project/Site: Walker 100

Job ID: 885-29962-1

GC VOA

Prep Batch: 31435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29962-1	PH01@0-0.5'	Total/NA	Solid	5030C	
885-29962-2	PH01@1'	Total/NA	Solid	5030C	
885-29962-3	PH01@5'	Total/NA	Solid	5030C	
885-29962-4	PH02@0-0.5'	Total/NA	Solid	5030C	
885-29962-5	PH02@1'	Total/NA	Solid	5030C	
885-29962-6	PH02@5'	Total/NA	Solid	5030C	
885-29962-7	PH03@0-0.5'	Total/NA	Solid	5030C	
885-29962-8	PH03@3'	Total/NA	Solid	5030C	
885-29962-9	PH03@5'	Total/NA	Solid	5030C	
885-29962-10	PH04@0-0.5'	Total/NA	Solid	5030C	
885-29962-11	PH04@1'	Total/NA	Solid	5030C	
885-29962-12	PH04@5'	Total/NA	Solid	5030C	
885-29962-13	PH05@0-0.5'	Total/NA	Solid	5030C	
885-29962-14	PH05@3'	Total/NA	Solid	5030C	
885-29962-15	PH05@5'	Total/NA	Solid	5030C	
885-29962-16	Bottom Comp 8"	Total/NA	Solid	5030C	
MB 885-31435/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-31435/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-31435/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Analysis Batch: 31603

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29962-1	PH01@0-0.5'	Total/NA	Solid	8015M/D	31435
885-29962-2	PH01@1'	Total/NA	Solid	8015M/D	31435
885-29962-3	PH01@5'	Total/NA	Solid	8015M/D	31435
885-29962-4	PH02@0-0.5'	Total/NA	Solid	8015M/D	31435
885-29962-5	PH02@1'	Total/NA	Solid	8015M/D	31435
885-29962-6	PH02@5'	Total/NA	Solid	8015M/D	31435
885-29962-7	PH03@0-0.5'	Total/NA	Solid	8015M/D	31435
885-29962-8	PH03@3'	Total/NA	Solid	8015M/D	31435
885-29962-9	PH03@5'	Total/NA	Solid	8015M/D	31435
885-29962-10	PH04@0-0.5'	Total/NA	Solid	8015M/D	31435
885-29962-11	PH04@1'	Total/NA	Solid	8015M/D	31435
885-29962-12	PH04@5'	Total/NA	Solid	8015M/D	31435
885-29962-13	PH05@0-0.5'	Total/NA	Solid	8015M/D	31435
885-29962-14	PH05@3'	Total/NA	Solid	8015M/D	31435
885-29962-15	PH05@5'	Total/NA	Solid	8015M/D	31435
885-29962-16	Bottom Comp 8"	Total/NA	Solid	8015M/D	31435
MB 885-31435/1-A	Method Blank	Total/NA	Solid	8015M/D	31435
LCS 885-31435/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	31435

Analysis Batch: 31604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29962-1	PH01@0-0.5'	Total/NA	Solid	8021B	31435
885-29962-2	PH01@1'	Total/NA	Solid	8021B	31435
885-29962-3	PH01@5'	Total/NA	Solid	8021B	31435
885-29962-4	PH02@0-0.5'	Total/NA	Solid	8021B	31435
885-29962-5	PH02@1'	Total/NA	Solid	8021B	31435
885-29962-6	PH02@5'	Total/NA	Solid	8021B	31435
885-29962-7	PH03@0-0.5'	Total/NA	Solid	8021B	31435
885-29962-8	PH03@3'	Total/NA	Solid	8021B	31435

QC Association Summary

Client: Hilcorp Energy
Project/Site: Walker 100

Job ID: 885-29962-1

GC VOA (Continued)

Analysis Batch: 31604 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29962-9	PH03@5'	Total/NA	Solid	8021B	31435
885-29962-10	PH04@0-0.5'	Total/NA	Solid	8021B	31435
885-29962-11	PH04@1'	Total/NA	Solid	8021B	31435
885-29962-12	PH04@5'	Total/NA	Solid	8021B	31435
885-29962-13	PH05@0-0.5'	Total/NA	Solid	8021B	31435
885-29962-14	PH05@3'	Total/NA	Solid	8021B	31435
885-29962-15	PH05@5'	Total/NA	Solid	8021B	31435
885-29962-16	Bottom Comp 8"	Total/NA	Solid	8021B	31435
MB 885-31435/1-A	Method Blank	Total/NA	Solid	8021B	31435
LCS 885-31435/3-A	Lab Control Sample	Total/NA	Solid	8021B	31435

GC Semi VOA

Analysis Batch: 31404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29962-1	PH01@0-0.5'	Total/NA	Solid	8015M/D	31440
885-29962-2	PH01@1'	Total/NA	Solid	8015M/D	31440
885-29962-3	PH01@5'	Total/NA	Solid	8015M/D	31440
885-29962-4	PH02@0-0.5'	Total/NA	Solid	8015M/D	31440
885-29962-5	PH02@1'	Total/NA	Solid	8015M/D	31440
885-29962-6	PH02@5'	Total/NA	Solid	8015M/D	31440
885-29962-7	PH03@0-0.5'	Total/NA	Solid	8015M/D	31440
885-29962-8	PH03@3'	Total/NA	Solid	8015M/D	31440
885-29962-9	PH03@5'	Total/NA	Solid	8015M/D	31440
885-29962-10	PH04@0-0.5'	Total/NA	Solid	8015M/D	31440
885-29962-11	PH04@1'	Total/NA	Solid	8015M/D	31440
885-29962-12	PH04@5'	Total/NA	Solid	8015M/D	31440
885-29962-14	PH05@3'	Total/NA	Solid	8015M/D	31440
885-29962-15	PH05@5'	Total/NA	Solid	8015M/D	31440
885-29962-16	Bottom Comp 8"	Total/NA	Solid	8015M/D	31440
MB 885-31440/1-A	Method Blank	Total/NA	Solid	8015M/D	31440
LCS 885-31440/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	31440

Prep Batch: 31440

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29962-1	PH01@0-0.5'	Total/NA	Solid	SHAKE	
885-29962-2	PH01@1'	Total/NA	Solid	SHAKE	
885-29962-3	PH01@5'	Total/NA	Solid	SHAKE	
885-29962-4	PH02@0-0.5'	Total/NA	Solid	SHAKE	
885-29962-5	PH02@1'	Total/NA	Solid	SHAKE	
885-29962-6	PH02@5'	Total/NA	Solid	SHAKE	
885-29962-7	PH03@0-0.5'	Total/NA	Solid	SHAKE	
885-29962-8	PH03@3'	Total/NA	Solid	SHAKE	
885-29962-9	PH03@5'	Total/NA	Solid	SHAKE	
885-29962-10	PH04@0-0.5'	Total/NA	Solid	SHAKE	
885-29962-11	PH04@1'	Total/NA	Solid	SHAKE	
885-29962-12	PH04@5'	Total/NA	Solid	SHAKE	
885-29962-14	PH05@3'	Total/NA	Solid	SHAKE	
885-29962-15	PH05@5'	Total/NA	Solid	SHAKE	
885-29962-16	Bottom Comp 8"	Total/NA	Solid	SHAKE	
MB 885-31440/1-A	Method Blank	Total/NA	Solid	SHAKE	

QC Association Summary

Client: Hilcorp Energy
Project/Site: Walker 100

Job ID: 885-29962-1

GC Semi VOA (Continued)

Prep Batch: 31440 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 885-31440/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 31484

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29962-13	PH05@0-0.5'	Total/NA	Solid	8015M/D	31499
MB 885-31499/1-A	Method Blank	Total/NA	Solid	8015M/D	31499
LCS 885-31499/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	31499

Prep Batch: 31499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29962-13	PH05@0-0.5'	Total/NA	Solid	SHAKE	
MB 885-31499/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-31499/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

HPLC/IC

Prep Batch: 31459

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29962-1	PH01@0-0.5'	Total/NA	Solid	300_Prep	
885-29962-2	PH01@1'	Total/NA	Solid	300_Prep	
885-29962-3	PH01@5'	Total/NA	Solid	300_Prep	
885-29962-4	PH02@0-0.5'	Total/NA	Solid	300_Prep	
885-29962-5	PH02@1'	Total/NA	Solid	300_Prep	
885-29962-6	PH02@5'	Total/NA	Solid	300_Prep	
885-29962-7	PH03@0-0.5'	Total/NA	Solid	300_Prep	
885-29962-8	PH03@3'	Total/NA	Solid	300_Prep	
885-29962-9	PH03@5'	Total/NA	Solid	300_Prep	
885-29962-10	PH04@0-0.5'	Total/NA	Solid	300_Prep	
885-29962-11	PH04@1'	Total/NA	Solid	300_Prep	
885-29962-12	PH04@5'	Total/NA	Solid	300_Prep	
885-29962-13	PH05@0-0.5'	Total/NA	Solid	300_Prep	
885-29962-14	PH05@3'	Total/NA	Solid	300_Prep	
885-29962-15	PH05@5'	Total/NA	Solid	300_Prep	
885-29962-16	Bottom Comp 8"	Total/NA	Solid	300_Prep	
MB 885-31459/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-31459/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 31460

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29962-1	PH01@0-0.5'	Total/NA	Solid	300.0	31459
885-29962-2	PH01@1'	Total/NA	Solid	300.0	31459
885-29962-3	PH01@5'	Total/NA	Solid	300.0	31459
885-29962-4	PH02@0-0.5'	Total/NA	Solid	300.0	31459
885-29962-5	PH02@1'	Total/NA	Solid	300.0	31459
885-29962-6	PH02@5'	Total/NA	Solid	300.0	31459
885-29962-7	PH03@0-0.5'	Total/NA	Solid	300.0	31459
885-29962-8	PH03@3'	Total/NA	Solid	300.0	31459
885-29962-9	PH03@5'	Total/NA	Solid	300.0	31459
885-29962-10	PH04@0-0.5'	Total/NA	Solid	300.0	31459
885-29962-11	PH04@1'	Total/NA	Solid	300.0	31459
885-29962-12	PH04@5'	Total/NA	Solid	300.0	31459

QC Association Summary

Client: Hilcorp Energy
Project/Site: Walker 100

Job ID: 885-29962-1

HPLC/IC (Continued)

Analysis Batch: 31460 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-29962-13	PH05@0-0.5'	Total/NA	Solid	300.0	31459
885-29962-14	PH05@3'	Total/NA	Solid	300.0	31459
885-29962-15	PH05@5'	Total/NA	Solid	300.0	31459
885-29962-16	Bottom Comp 8"	Total/NA	Solid	300.0	31459
MB 885-31459/1-A	Method Blank	Total/NA	Solid	300.0	31459
LCS 885-31459/2-A	Lab Control Sample	Total/NA	Solid	300.0	31459

Lab Chronicle

Client: Hilcorp Energy
Project/Site: Walker 100

Job ID: 885-29962-1

Client Sample ID: PH01@0-0.5'

Lab Sample ID: 885-29962-1

Date Collected: 07/30/25 10:06
Matrix: Solid
Date Received: 07/31/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			31435	KLS	EET ALB	08/01/25 12:12
Total/NA	Analysis	8015M/D		1	31603	AT	EET ALB	08/05/25 03:15
Total/NA	Prep	5030C			31435	KLS	EET ALB	08/01/25 12:12
Total/NA	Analysis	8021B		1	31604	AT	EET ALB	08/05/25 03:15
Total/NA	Prep	SHAKE			31440	BZR	EET ALB	08/01/25 14:29
Total/NA	Analysis	8015M/D		1	31404	EM	EET ALB	08/01/25 19:01
Total/NA	Prep	300_Prep			31459	RC	EET ALB	08/02/25 07:15
Total/NA	Analysis	300.0		20	31460	RC	EET ALB	08/02/25 11:09

Client Sample ID: PH01@1'

Lab Sample ID: 885-29962-2

Date Collected: 07/30/25 09:58
Matrix: Solid
Date Received: 07/31/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			31435	KLS	EET ALB	08/01/25 12:12
Total/NA	Analysis	8015M/D		1	31603	AT	EET ALB	08/05/25 03:39
Total/NA	Prep	5030C			31435	KLS	EET ALB	08/01/25 12:12
Total/NA	Analysis	8021B		1	31604	AT	EET ALB	08/05/25 03:39
Total/NA	Prep	SHAKE			31440	BZR	EET ALB	08/01/25 14:29
Total/NA	Analysis	8015M/D		1	31404	EM	EET ALB	08/01/25 19:13
Total/NA	Prep	300_Prep			31459	RC	EET ALB	08/02/25 07:15
Total/NA	Analysis	300.0		20	31460	RC	EET ALB	08/02/25 11:50

Client Sample ID: PH01@5'

Lab Sample ID: 885-29962-3

Date Collected: 07/30/25 10:04
Matrix: Solid
Date Received: 07/31/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			31435	KLS	EET ALB	08/01/25 12:12
Total/NA	Analysis	8015M/D		1	31603	AT	EET ALB	08/05/25 04:03
Total/NA	Prep	5030C			31435	KLS	EET ALB	08/01/25 12:12
Total/NA	Analysis	8021B		1	31604	AT	EET ALB	08/05/25 04:03
Total/NA	Prep	SHAKE			31440	BZR	EET ALB	08/01/25 14:29
Total/NA	Analysis	8015M/D		1	31404	EM	EET ALB	08/01/25 19:38
Total/NA	Prep	300_Prep			31459	RC	EET ALB	08/02/25 07:15
Total/NA	Analysis	300.0		20	31460	RC	EET ALB	08/02/25 12:03

Client Sample ID: PH02@0-0.5'

Lab Sample ID: 885-29962-4

Date Collected: 07/30/25 10:51
Matrix: Solid
Date Received: 07/31/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			31435	KLS	EET ALB	08/01/25 12:12
Total/NA	Analysis	8015M/D		1	31603	AT	EET ALB	08/05/25 04:27

Lab Chronicle

Client: Hilcorp Energy
Project/Site: Walker 100

Job ID: 885-29962-1

Client Sample ID: PH02@0-0.5'

Lab Sample ID: 885-29962-4

Date Collected: 07/30/25 10:51
Matrix: Solid
Date Received: 07/31/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			31435	KLS	EET ALB	08/01/25 12:12
Total/NA	Analysis	8021B		1	31604	AT	EET ALB	08/05/25 04:27
Total/NA	Prep	SHAKE			31440	BZR	EET ALB	08/01/25 14:29
Total/NA	Analysis	8015M/D		1	31404	EM	EET ALB	08/01/25 19:51
Total/NA	Prep	300_Prep			31459	RC	EET ALB	08/02/25 07:15
Total/NA	Analysis	300.0		20	31460	RC	EET ALB	08/02/25 12:17

Client Sample ID: PH02@1'

Lab Sample ID: 885-29962-5

Date Collected: 07/30/25 10:08
Matrix: Solid
Date Received: 07/31/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			31435	KLS	EET ALB	08/01/25 12:12
Total/NA	Analysis	8015M/D		1	31603	AT	EET ALB	08/05/25 04:51
Total/NA	Prep	5030C			31435	KLS	EET ALB	08/01/25 12:12
Total/NA	Analysis	8021B		1	31604	AT	EET ALB	08/05/25 04:51
Total/NA	Prep	SHAKE			31440	BZR	EET ALB	08/01/25 14:29
Total/NA	Analysis	8015M/D		1	31404	EM	EET ALB	08/01/25 20:03
Total/NA	Prep	300_Prep			31459	RC	EET ALB	08/02/25 07:15
Total/NA	Analysis	300.0		20	31460	RC	EET ALB	08/02/25 12:31

Client Sample ID: PH02@5'

Lab Sample ID: 885-29962-6

Date Collected: 07/30/25 10:14
Matrix: Solid
Date Received: 07/31/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			31435	KLS	EET ALB	08/01/25 12:12
Total/NA	Analysis	8015M/D		1	31603	AT	EET ALB	08/05/25 05:14
Total/NA	Prep	5030C			31435	KLS	EET ALB	08/01/25 12:12
Total/NA	Analysis	8021B		1	31604	AT	EET ALB	08/05/25 05:14
Total/NA	Prep	SHAKE			31440	BZR	EET ALB	08/01/25 14:29
Total/NA	Analysis	8015M/D		1	31404	EM	EET ALB	08/01/25 20:15
Total/NA	Prep	300_Prep			31459	RC	EET ALB	08/02/25 07:15
Total/NA	Analysis	300.0		20	31460	RC	EET ALB	08/02/25 12:44

Client Sample ID: PH03@0-0.5'

Lab Sample ID: 885-29962-7

Date Collected: 07/30/25 10:53
Matrix: Solid
Date Received: 07/31/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			31435	KLS	EET ALB	08/01/25 12:12
Total/NA	Analysis	8015M/D		1	31603	AT	EET ALB	08/05/25 05:38
Total/NA	Prep	5030C			31435	KLS	EET ALB	08/01/25 12:12
Total/NA	Analysis	8021B		1	31604	AT	EET ALB	08/05/25 05:38

Lab Chronicle

Client: Hilcorp Energy
Project/Site: Walker 100

Job ID: 885-29962-1

Client Sample ID: PH03@0-0.5'

Lab Sample ID: 885-29962-7
Matrix: Solid
Date Collected: 07/30/25 10:53
Date Received: 07/31/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			31440	BZR	EET ALB	08/01/25 14:29
Total/NA	Analysis	8015M/D		1	31404	EM	EET ALB	08/01/25 20:28
Total/NA	Prep	300_Prep			31459	RC	EET ALB	08/02/25 07:15
Total/NA	Analysis	300.0		20	31460	RC	EET ALB	08/02/25 12:58

Client Sample ID: PH03@3'

Lab Sample ID: 885-29962-8
Matrix: Solid
Date Collected: 07/30/25 10:21
Date Received: 07/31/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			31435	KLS	EET ALB	08/01/25 12:12
Total/NA	Analysis	8015M/D		1	31603	AT	EET ALB	08/05/25 06:25
Total/NA	Prep	5030C			31435	KLS	EET ALB	08/01/25 12:12
Total/NA	Analysis	8021B		1	31604	AT	EET ALB	08/05/25 06:25
Total/NA	Prep	SHAKE			31440	BZR	EET ALB	08/01/25 14:29
Total/NA	Analysis	8015M/D		1	31404	EM	EET ALB	08/01/25 20:40
Total/NA	Prep	300_Prep			31459	RC	EET ALB	08/02/25 07:15
Total/NA	Analysis	300.0		20	31460	RC	EET ALB	08/02/25 13:12

Client Sample ID: PH03@5'

Lab Sample ID: 885-29962-9
Matrix: Solid
Date Collected: 07/30/25 10:23
Date Received: 07/31/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			31435	KLS	EET ALB	08/01/25 12:12
Total/NA	Analysis	8015M/D		1	31603	AT	EET ALB	08/05/25 06:49
Total/NA	Prep	5030C			31435	KLS	EET ALB	08/01/25 12:12
Total/NA	Analysis	8021B		1	31604	AT	EET ALB	08/05/25 06:49
Total/NA	Prep	SHAKE			31440	BZR	EET ALB	08/01/25 14:29
Total/NA	Analysis	8015M/D		1	31404	EM	EET ALB	08/01/25 20:53
Total/NA	Prep	300_Prep			31459	RC	EET ALB	08/02/25 07:15
Total/NA	Analysis	300.0		20	31460	RC	EET ALB	08/02/25 13:25

Client Sample ID: PH04@0-0.5'

Lab Sample ID: 885-29962-10
Matrix: Solid
Date Collected: 07/30/25 10:55
Date Received: 07/31/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			31435	KLS	EET ALB	08/01/25 12:12
Total/NA	Analysis	8015M/D		1	31603	AT	EET ALB	08/05/25 07:12
Total/NA	Prep	5030C			31435	KLS	EET ALB	08/01/25 12:12
Total/NA	Analysis	8021B		1	31604	AT	EET ALB	08/05/25 07:12
Total/NA	Prep	SHAKE			31440	BZR	EET ALB	08/01/25 14:29
Total/NA	Analysis	8015M/D		1	31404	EM	EET ALB	08/01/25 21:05

Lab Chronicle

Client: Hilcorp Energy
Project/Site: Walker 100

Job ID: 885-29962-1

Client Sample ID: PH04@0-0.5'

Lab Sample ID: 885-29962-10

Date Collected: 07/30/25 10:55
Matrix: Solid
Date Received: 07/31/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			31459	RC	EET ALB	08/02/25 07:15
Total/NA	Analysis	300.0		20	31460	RC	EET ALB	08/02/25 13:39

Client Sample ID: PH04@1'

Lab Sample ID: 885-29962-11

Date Collected: 07/30/25 10:27
Matrix: Solid
Date Received: 07/31/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			31435	KLS	EET ALB	08/01/25 12:12
Total/NA	Analysis	8015M/D		1	31603	AT	EET ALB	08/05/25 07:36
Total/NA	Prep	5030C			31435	KLS	EET ALB	08/01/25 12:12
Total/NA	Analysis	8021B		1	31604	AT	EET ALB	08/05/25 07:36
Total/NA	Prep	SHAKE			31440	BZR	EET ALB	08/01/25 14:29
Total/NA	Analysis	8015M/D		1	31404	EM	EET ALB	08/01/25 21:17
Total/NA	Prep	300_Prep			31459	RC	EET ALB	08/02/25 07:15
Total/NA	Analysis	300.0		20	31460	RC	EET ALB	08/02/25 13:52

Client Sample ID: PH04@5'

Lab Sample ID: 885-29962-12

Date Collected: 07/30/25 10:32
Matrix: Solid
Date Received: 07/31/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			31435	KLS	EET ALB	08/01/25 12:12
Total/NA	Analysis	8015M/D		1	31603	AT	EET ALB	08/05/25 07:59
Total/NA	Prep	5030C			31435	KLS	EET ALB	08/01/25 12:12
Total/NA	Analysis	8021B		1	31604	AT	EET ALB	08/05/25 07:59
Total/NA	Prep	SHAKE			31440	BZR	EET ALB	08/01/25 14:29
Total/NA	Analysis	8015M/D		1	31404	EM	EET ALB	08/01/25 21:30
Total/NA	Prep	300_Prep			31459	RC	EET ALB	08/02/25 07:15
Total/NA	Analysis	300.0		20	31460	RC	EET ALB	08/02/25 14:33

Client Sample ID: PH05@0-0.5'

Lab Sample ID: 885-29962-13

Date Collected: 07/30/25 10:57
Matrix: Solid
Date Received: 07/31/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			31435	KLS	EET ALB	08/01/25 12:12
Total/NA	Analysis	8015M/D		1	31603	AT	EET ALB	08/05/25 08:23
Total/NA	Prep	5030C			31435	KLS	EET ALB	08/01/25 12:12
Total/NA	Analysis	8021B		1	31604	AT	EET ALB	08/05/25 08:23
Total/NA	Prep	SHAKE			31499	DR	EET ALB	08/04/25 11:30
Total/NA	Analysis	8015M/D		1	31484	DR	EET ALB	08/04/25 19:18
Total/NA	Prep	300_Prep			31459	RC	EET ALB	08/02/25 07:15
Total/NA	Analysis	300.0		20	31460	RC	EET ALB	08/02/25 14:47

Lab Chronicle

Client: Hilcorp Energy
Project/Site: Walker 100

Job ID: 885-29962-1

Client Sample ID: PH05@3'

Lab Sample ID: 885-29962-14

Date Collected: 07/30/25 10:40
Matrix: Solid
Date Received: 07/31/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			31435	KLS	EET ALB	08/01/25 12:12
Total/NA	Analysis	8015M/D		1	31603	AT	EET ALB	08/05/25 08:47
Total/NA	Prep	5030C			31435	KLS	EET ALB	08/01/25 12:12
Total/NA	Analysis	8021B		1	31604	AT	EET ALB	08/05/25 08:47
Total/NA	Prep	SHAKE			31440	BZR	EET ALB	08/01/25 14:29
Total/NA	Analysis	8015M/D		1	31404	EM	EET ALB	08/01/25 21:42
Total/NA	Prep	300_Prep			31459	RC	EET ALB	08/02/25 07:15
Total/NA	Analysis	300.0		20	31460	RC	EET ALB	08/02/25 15:01

Client Sample ID: PH05@5'

Lab Sample ID: 885-29962-15

Date Collected: 07/30/25 10:42
Matrix: Solid
Date Received: 07/31/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			31435	KLS	EET ALB	08/01/25 12:12
Total/NA	Analysis	8015M/D		1	31603	AT	EET ALB	08/05/25 09:10
Total/NA	Prep	5030C			31435	KLS	EET ALB	08/01/25 12:12
Total/NA	Analysis	8021B		1	31604	AT	EET ALB	08/05/25 09:10
Total/NA	Prep	SHAKE			31440	BZR	EET ALB	08/01/25 14:29
Total/NA	Analysis	8015M/D		1	31404	EM	EET ALB	08/01/25 21:54
Total/NA	Prep	300_Prep			31459	RC	EET ALB	08/02/25 07:15
Total/NA	Analysis	300.0		20	31460	RC	EET ALB	08/02/25 15:14

Client Sample ID: Bottom Comp 8"

Lab Sample ID: 885-29962-16

Date Collected: 07/30/25 11:29
Matrix: Solid
Date Received: 07/31/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			31435	KLS	EET ALB	08/01/25 12:12
Total/NA	Analysis	8015M/D		1	31603	AT	EET ALB	08/05/25 09:34
Total/NA	Prep	5030C			31435	KLS	EET ALB	08/01/25 12:12
Total/NA	Analysis	8021B		1	31604	AT	EET ALB	08/05/25 09:34
Total/NA	Prep	SHAKE			31440	BZR	EET ALB	08/01/25 14:29
Total/NA	Analysis	8015M/D		1	31404	EM	EET ALB	08/01/25 22:07
Total/NA	Prep	300_Prep			31459	RC	EET ALB	08/02/25 07:15
Total/NA	Analysis	300.0		20	31460	RC	EET ALB	08/02/25 15:28

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Hilcorp Energy
Project/Site: Walker 100

Job ID: 885-29962-1

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26

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
300.0	300_Prep	Solid	Chloride
8015M/D	5030C	Solid	Gasoline Range Organics [C6 - C10]
8015M/D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015M/D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8021B	5030C	Solid	Benzene
8021B	5030C	Solid	Ethylbenzene
8021B	5030C	Solid	Toluene
8021B	5030C	Solid	Xylenes, Total

Oregon	NELAP	NM100001	02-26-26

Chain-of-Custody Record

Client: Hilcorp Energy Company

attn: Mitch Killough

Mailing Address:

Phone #:

email or Fax#: mkillough@hilcorp.com

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 5 days

☒ Standard ☐ Rush

Project Name: Walker 100

Project #:

Project Manager: Stuart Hyde shyde@ensolum.com

Sampler: Osgood Froelich + Gracie S.

On Ice: ☒ Yes ☐ No

# of Coolers: 1 Abby

Cooler Temp (including CF): 1.1-0.2=0.9 (°C)

HALL ENVIRONMENTAL ANALYSIS LABOR
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

885-29962 COC

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D GRO / DRO / MRO	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
7/30/25	1006	soil	PH01@0-0.5'	4 oz, one	on ice		X	X					X			
	0958		PH01@1'													
	1004		PH01@5'													
	1051		PH02@0-0.5'													
	1008		PH02@1'													
	1014		PH02@5'													
	1053		PH03@0-0.5'													
	1021		PH03@3'													
	1023		PH03@5'													
	1055		PH04@0'-0.5'													
	1027		PH04@1'													
7/30/25	1032	soil	~~PH05@~~ PH04@5'	4 oz, one	on ice		X	X					X			

Date	Time	Relinquished by	Received by	Via	Date	Time
7/30/25	1347				7/30/25	1347
7/30/25	1730				7/31/25	7:10

Remarks: cc: ofroelich@ensolum.com gswanson@ensolum.com

page 1 of 2

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories This serves as notice of this possibility Any sub-contracted data will be clearly notated on the analytical report.

Chain-of-Custody Record

Client: Hilcorp Energy Company

attn: Mitch Killough

Mailing Address:

Phone #:

email or Fax#: mkillough @ hilcorp.com

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 5 days

☒ Standard ☐ Rush

Project Name: Walker 100

Project #:

Project Manager: Stuart Hyde

shyde @ ensolum.com

Sampler: Osgood F. + Gracie S.

On Ice: ☒ Yes ☐ No

# of Coolers: 1 (Alby)

Cooler Temp (including CF): 1.1+0.2=0.9 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	(BTEX) MTBE / TMB's (8021)	TPH:8015D (GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	(Cl), F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)						
7/30/25	1057	soil	PH05@0-0.5'	4 oz, one	~~soil~~ on ice		X	X					X									
7/30/25	1040	soil	PH05@3'	4 oz, one	~~soil~~ on ice		X	X					X									
7/30/25	1042	soil	PH05@5'	4 oz, one	~~soil~~ on ice		X	X					X									
~~7/25/25~~ 7/30/2025	1129	soil	Bottom Comp 8"	4 oz, one	on ice		X	X					X									

Date	Time	Relinquished by	Received by	Via	Date	Time
7/30/25	1347				7/30/25	1347
7/30/25	1730				7/31/25	7:10

Remarks:

cc: ofroelich @ ensolum.com

gswanson @ ensolum.com

page 2 of 2

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories This serves as notice of this possibility Any sub-contracted data will be clearly notated on the analytical report.

Login Sample Receipt Checklist

Client: Hilcorp Energy Job Number: 885-29962-1

Login Number: 29962 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: Casarrubias, Tracy

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ENSOLUM

APPENDIX C

Photographic Log

ENSOLUM

Photographic Log
Hilcorp Energy Company
Walker 100
San Juan County, New Mexico

Photograph: 1 Date: 7/30/2025
Description: Pothole PH01
View: West

Photograph: 2 Date: 7/30/2025
Description: Pothole PH02
View: South

Photograph: 3 Date: 7/30/2025
Description: Pothole PH05
View: West

Photograph: 4 Date: 7/30/2025
Description: Shallow excavation extent
View: Northwest

ENSOLUM

APPENDIX D

Estimated Release Volume

ESTIMATED RELEASE VOLUME
WALKER 100
HILCORP ENERGY COMPANY

This tool estimates a release volume based on the size and concentration of a dry excavation.

Instructions: Input the volume estimate (dimensions) in red text, and the spreadsheet calculates a potential volume of TPH. Other parameters can be changed as appropriate.

Tool Inputs	
Soil Density	99.88473696 *lbs/ft³*
Crude Oil Density	7.093593783 *lbs/gal*

Excavation Parameters	
Average Hydrocarbon Concentration	213.00 *mg/kg*
Volume*	**2.5 *yds³***

	Crude Oil/Condensate
Hydrocarbon Concentration (Percent)	100 *%*

CALCULATED SPILL VOLUME

Hydrocarbon Mass	1.4 *lbs*
Total Release Volume	0.20 *gal* **0.0048 *bbls***

Notes

% - percent	*ft - feet*	*kg - kilograms*	*mg - milligrams*
bbls - barrels	*gal -gallons*	*lbs - pounds*	*yd - yard*

**Estimated volume based on area of 20 feet by 20 feet by 2 inches deep*

Assumptions and Conversions

sand	*1.6*	*g/cm3*	
conversion	*1*	*g/cm3*	*62.4*
sandstone	*99.9*	*lbs/ft3*	*lbs/ft3*
average crude oil density	*850*	*kg/m3*	
conversion	*1*	*kg/m3*	*0.00835*
average crude oil density	*7.09*	*lbs/gal*	*lbs/gal*

Walker #100

BGT Closeout Pictures.

Walker #100
02/16/26
API#30-045-30244

Northern View

Southern View

Eastern View

Western View

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

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 555062
	Action Type: [C-144] Below Grade Tank Plan (C-144B)

CONDITIONS

Created By	Condition	Condition Date
joel.stone	None	3/5/2026