



July 2, 2026

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

Cole A 1E
Hilcorp Energy Company
NMOCD Incident No: nAPP2606156403

To Whom it May Concern:

Ensolum, LLC (Ensolum), on behalf of Hilcorp Energy Company (Hilcorp), presents this *Remediation Report and Closure Request* for a release at the Cole A 1E natural gas production well (Site). The Site is located on federal land managed by the Bureau of Land Management (BLM), at GPS coordinates 36.615718, -107.85844, in Unit I, Section 35, Township 28 North, Range 10 West, San Juan County, New Mexico (Figure 1). This report describes the excavation and confirmation soil sampling activities performed at the Site to remediate impacted soil originating from the release.

SITE BACKGROUND

On March 2, 2026, Hilcorp personnel discovered a release of approximately 50 barrels (bbls) of condensate and 5 bbls of produced water at the Site. Specifically, while conducting a routine Site inspection, a Hilcorp operator observed a visibly impacted area adjacent to a 300-bbl condensate aboveground storage tank (AST). Upon further inspection, it was determined a small crack had developed in the water drain valve due to internal corrosion. At that time, the AST was removed from service. The spilled fluids did not migrate horizontally outside of secondary containment; however, fluids were not recovered. Hilcorp submitted the *Notification of Release* to the New Mexico Oil Conservation Division (NMOCD) on March 2, 2026. The NMOCD has assigned the Site Incident Number nAPP2606156403.

SITE CHARACTERIZATION

As part of the Site investigation, nearby sensitive receptors were assessed in accordance with Title 19, Chapter 15, Part 29, Sections 11 and 12 (19.15.29.11 and 12) of the New Mexico Administrative Code (NMAC). This information is further discussed below.

POTENTIAL SENSITIVE RECEPTORS

Potential nearby receptors were assessed through desktop reviews of United States Geological Survey (USGS) topographic maps, Federal Emergency Management Administration (FEMA) Geographic Information System (GIS) maps, New Mexico Office of the State Engineer (NMOSE) database, aerial photographs, and Site-specific observations.

The nearest significant watercourse to the Site is a dry wash located approximately 204 feet south of the well pad. The nearest fresh water well is NMOSE permitted well SJ-03977 (Appendix A), located approximately 7,476 feet southwest of the Site, with a recorded depth to water of 94 feet below ground surface (bgs). The Site is greater than 200 feet from any lakebed, sinkhole, or playa lake, and greater than 300 feet from any wetland. No wellhead protection areas, springs, or domestic/stock wells are located within a ½-mile from the Site. The Site is not within a 100-year floodplain, overlying a subsurface mine, or located within an area underlain by unstable geology. Schools, hospitals, institutions, churches, and/or other occupied permanent residence or structures are not located within 300 feet of the Site. Nearby site receptors are shown on Figure 1.

SITE CLOSURE CRITERIA

Based on the information presented above and in accordance with the *Table I, Closure Criteria for Soils Impacted by a Release* (19.15.29.12 NMAC), the following Closure Criteria for constituents of concern (COCs) should be applied to the Site:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and xylenes (BTEX): 50 mg/kg
 - Total petroleum hydrocarbons (TPH) as a combination of gasoline range organics (GRO), diesel range organics (DRO), and motor oil range organics (MRO): 100 mg/kg
- Chloride: 600 mg/kg

EXCAVATION AND SOIL SAMPLING ACTIVITIES

Upon discovery of the release, Hilcorp began excavation activities between March 5 and March 11, 2026. Based on initial soil sampling conducted at an approximate depth of 20 feet bgs, additional soil was required to be removed. As such, activities were halted until an engineered excavation design could be prepared for the Site. Once the engineered excavation design was prepared, Hilcorp commenced remediation activities. During excavation activities, Ensolum personnel field screened soil for the presence of volatile organic compounds (VOCs) using a calibrated photoionization detector (PID).

Once field screening indicated impacted soil had been removed, five-point composite soil samples were collected from the floors (BFS01 and BFS02 and MFS01 through MFS24), sidewalls (BSW01 through BSW05, MSW01 through MSW20, and TSW01 through TSW12), and ramp floor samples (RFS01 through RFS03) of the excavation at a frequency not exceeding one sample per 200 square feet. Notification to the NMOCD was provided prior to conducting remediation and confirmation sampling work, with correspondence attached in Appendix B.

Floor samples identified with "BFS" were collected at a depth of 35 feet bgs. Floor samples identified with "MFS" were collected at a depth of 22 feet bgs. Sidewall samples "BSW" were collected at depths ranging from 22 feet to 35 feet bgs, "MSW" were collected at depths ranging from 8 feet to 22 feet bgs, and "TFS" were collected at depths ranging from the ground surface to 8 feet bgs. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a resealable plastic bag and homogenizing the samples by thoroughly mixing. The soil samples were placed into laboratory provided containers and transported under proper chain of

custody procedures to Envirotech Analytical Laboratory (Envirotech) for analysis of BTEX following United States Environmental Protection Agency (EPA) Method 8021B, TPH following Method 8015M/D, and chloride following EPA Method 300.0.

Analytical results from the confirmation samples collected on May 22, 2026, indicated concentrations of TPH, BTEX, and chloride were compliant with NMOCD Table I Closure Criteria and the reclamation requirement in all confirmation samples with the exception of sidewall BSW05, which contained a Closure-Criteria exceedance of chloride. On May 29, 2026, Hilcorp was granted a variance from the NMOCD per the criteria established in 19.15.29.12(D)(1) NMAC. On June 2, 2026, the area of BSW05 was extended and resampled to ensure horizontal bounding of that area. Analytical results from sample BSW05A indicated chloride was compliant with the applicable NMOCD Table 1 Closure Criteria. Analytical results from this sample indicated chloride was compliant with the applicable NMOCD Table I Closure Criteria.

In total, approximately 1,032 cubic yards of impacted soil was removed and transported for off-Site treatment/disposal to the Envirotech Landfarm located in San Juan County, New Mexico. Soil confirmation sample results are summarized in Table 1 and presented in Figure 2, with complete laboratory analytical reports attached as Appendix C. Photographs taken by Ensolum during the excavation work and of the final excavation extent are presented in Appendix D.

CLOSURE REQUEST

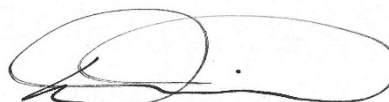
Excavation and sampling activities were conducted at the Site to address the release discovered on March 2, 2026. Laboratory analytical results for the excavation confirmation soil samples, collected from the final excavation extent, indicated all COC concentrations were compliant with the Site Closure Criteria and the reclamation requirement, and no further remediation is required. Excavation of impacted soil has mitigated impacts at this Site, and these remedial actions have been protective of human health, the environment, and groundwater. The excavation has not been backfilled at this time. Pending NMOCD approval of this Closure Request, Hilcorp will proceed with backfilling the excavation and will provide documentation of the backfilling activities at a later date. As such, Hilcorp respectfully requests closure for Incident Number nAPP2606156403.

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

Sincerely,
Ensolum, LLC



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Project Geologist
(303) 842-9578
ecarroll@ensolum.com



Daniel R. Moir
Associate Principal, Geologist
(303) 887-2946
dmoir@ensolum.com

Attachments:

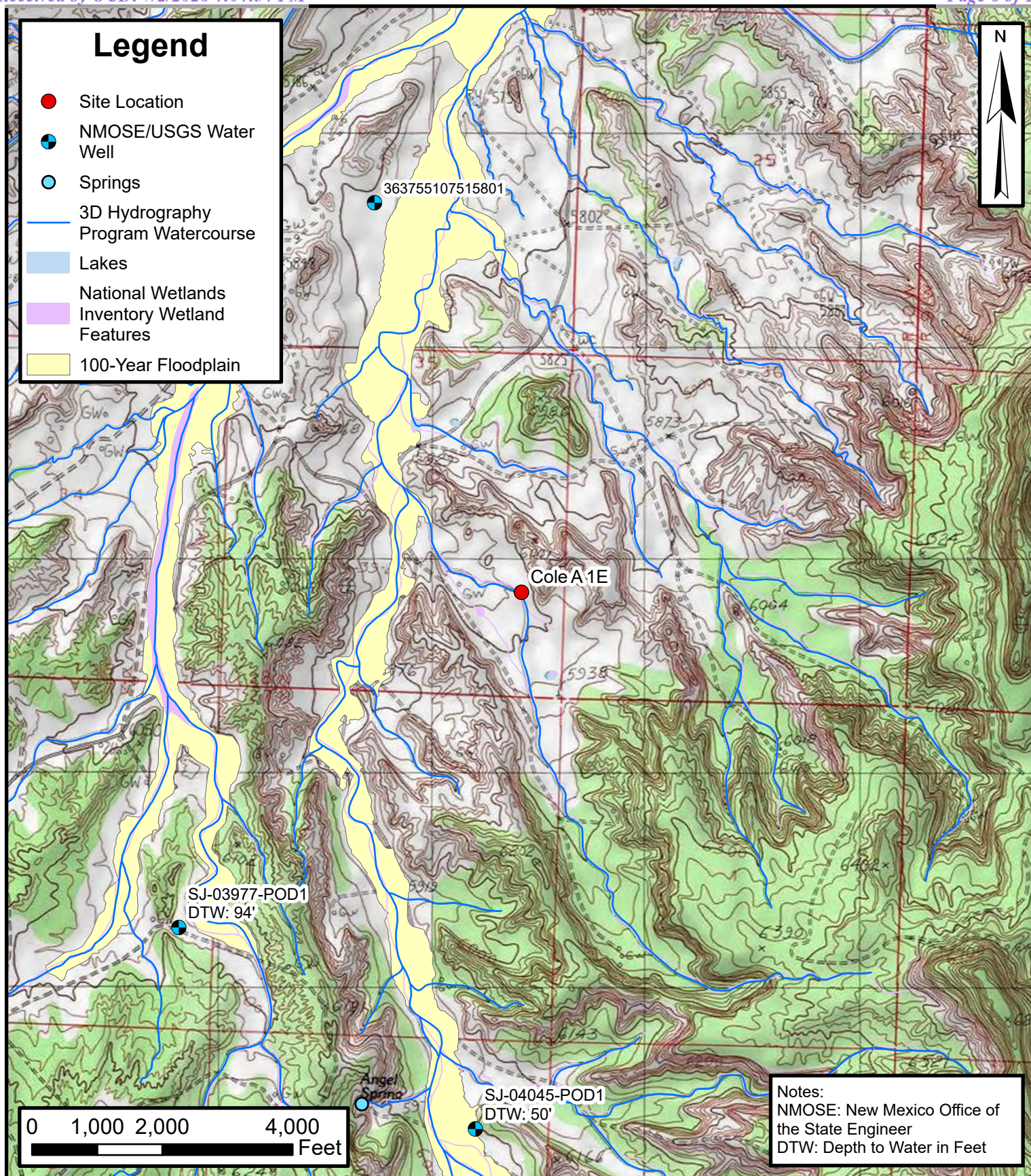
Figure 1: Site Location Map
Figure 2: Excavation Sample Locations

Table 1: Closure Soil Sample Analytical Results

Appendix A: NMOSE Well Log
Appendix B: Agency Correspondence
Appendix C: Laboratory Analytical Results
Appendix D: Photographic Log



FIGURES



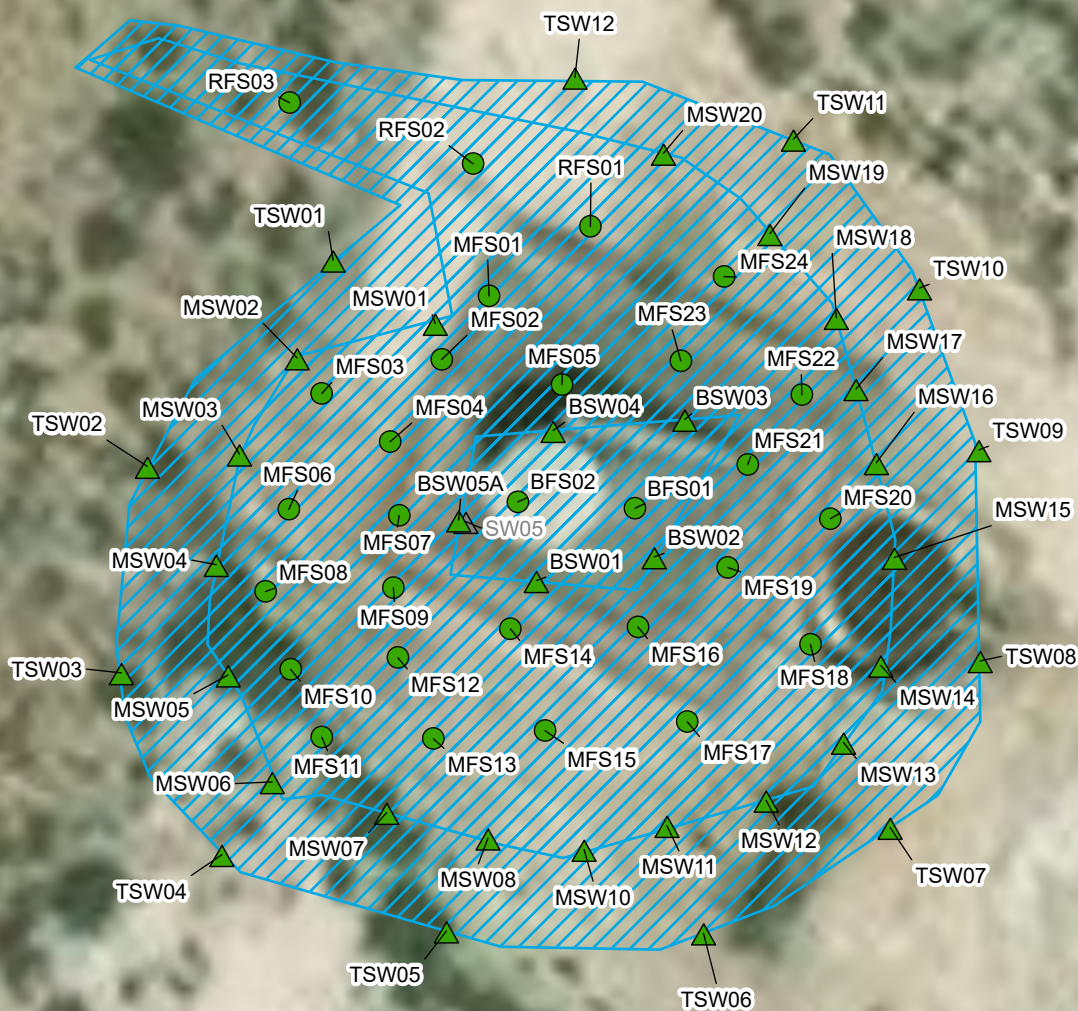
Site Location Map

Cole A 1E
 Hilcorp Energy Company
 36.615718, -107.85844
 San Juan County, New Mexico

FIGURE
1

Legend

-  Excavation Sidewall Sample in Compliance with NMOCD Closure Criteria
-  Removed Excavation Sidewall Sample
-  Excavation Floor Sample in Compliance with NMOCD Closure Criteria
-  Excavation Extent



Notes:

Grey indicates Sample was removed during Excavation
NMOCD: New Mexico Oil Conservation Division

0 10 20 40
Feet

Excavation Sample Locations

Cole A 1E
Hilcorp Energy Company
36.615718, -107.85844
San Juan County, New Mexico

FIGURE
2





TABLES



TABLE 1 CLOSURE SOIL SAMPLE ANALYTICAL RESULTS Cole A 1E Hilcorp Energy Company San Juan County, New Mexico												
Sample Identification	Date	Depth (feet bgs)	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)
NMOCDClosure Criteria for Soils Impacted by a Release			10	NE	NE	NE	50	NE	NE	NE	100	600
Excavation Floor Sample Results												
BFS01	5/22/2026	35	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	155
BFS02	5/22/2026	35	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	152
MFS01	5/22/2026	22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20	<25.0	<50.0	<50.0	56.1
MFS02	5/22/2026	22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20	<25.0	<50.0	<50.0	57.3
MFS03	5/22/2026	22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20	<25.0	<50.0	<50.0	60.0
MFS04	5/22/2026	22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20	<25.0	<50.0	<50.0	64.3
MFS05	5/22/2026	22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20	<25.0	<50.0	<50.0	58.9
MFS06	5/22/2026	22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20	<25.0	<50.0	<50.0	60.3
MFS07	5/22/2026	22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20	<25.0	<50.0	<50.0	20.0
MFS08	5/22/2026	22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20	<25.0	<50.0	<50.0	60.0
MFS09	5/22/2026	22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20	<25.0	<50.0	<50.0	57.3
MFS10	5/22/2026	22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20	<25.0	<50.0	<50.0	60.2
MFS11	5/22/2026	22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20	<25.0	<50.0	<50.0	61.8
MFS12	5/22/2026	22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20	<25.0	<50.0	<50.0	59.5
MFS13	5/22/2026	22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20	<25.0	<50.0	<50.0	60.1
MFS14	5/22/2026	22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20	<25.0	<50.0	<50.0	59.2
MFS15	5/22/2026	22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20	<25.0	<50.0	<50.0	57.1
MFS16	5/22/2026	22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20	<25.0	<50.0	<50.0	60.4
MFS17	5/22/2026	22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20	<25.0	<50.0	<50.0	61.4
MFS18	5/22/2026	22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20	<25.0	<50.0	<50.0	58.2
MFS19	5/22/2026	22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20	<25.0	<50.0	<50.0	56.4
MFS20	5/22/2026	22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20	<25.0	<50.0	<50.0	63.0
MFS21	5/22/2026	22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20	<25.0	<50.0	<50.0	61.1
MFS22	5/22/2026	22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20	<25.0	<50.0	<50.0	61.2
MFS23	5/22/2026	22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20	<25.0	<50.0	<50.0	59.9
MFS24	5/22/2026	22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20	<25.0	<50.0	<50.0	61.8
RFS01	5/22/2026	18-22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20	<25.0	<50.0	<50.0	65.7
RFS02	5/22/2026	10-18	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20	<25.0	<50.0	<50.0	61.9
RFS03	5/22/2026	0-10	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20	<25.0	<50.0	<50.0	65.3
Excavation Sidewall Sample Results												
BSW01	5/22/2026	22-35	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	118
BSW02	5/22/2026	22-35	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	119
BSW03	5/22/2026	22-35	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<200
BSW04	5/22/2026	22-35	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<200
BSW05	5/22/2026	22-35	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	1,570
BSW05A	6/2/2026	22-35	NA	NA	NA	NA	NA	NA	NA	NA	NA	<100



TABLE 1 CLOSURE SOIL SAMPLE ANALYTICAL RESULTS Cole A 1E Hilcorp Energy Company San Juan County, New Mexico												
Sample Identification	Date	Depth (feet bgs)	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)
NMOCDClosure Criteria for Soils Impacted by a Release			10	NE	NE	NE	50	NE	NE	NE	100	600
MSW01	5/22/2026	8-22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	62.3
MSW02	5/22/2026	8-22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	71.9
MSW03	5/22/2026	8-22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	64.6
MSW04	5/22/2026	8-22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	65.7
MSW05	5/22/2026	8-22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	64.4
MSW06	5/22/2026	8-22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	63.9
MSW07	5/22/2026	8-22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	59.2
MSW08	5/22/2026	8-22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	68.1
MSW09	5/22/2026	8-22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	72.4
MSW10	5/22/2026	8-22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	63.9
MSW11	5/22/2026	8-22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	63.3
MSW12	5/22/2026	8-22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	65.0
MSW13	5/22/2026	8-22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	63.0
MSW14	5/22/2026	8-22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	76.8
MSW15	5/22/2026	8-22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	61.4
MSW16	5/22/2026	8-22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	63.2
MSW17	5/22/2026	8-22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	61.3
MSW18	5/22/2026	8-22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	66.2
MSW19	5/22/2026	8-22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	62.1
MSW20	5/22/2026	8-22	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	65.7
TSW01	5/22/2026	0-8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.1	<25.1	<50.0	<50.0	60.8
TSW02	5/22/2026	0-9	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.2	<25.2	<50.0	<50.0	60.1
TSW03	5/22/2026	0-10	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.3	<25.3	<50.0	<50.0	60.6
TSW04	5/22/2026	0-11	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.4	<25.4	<50.0	<50.0	66.3
TSW05	5/22/2026	0-12	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.5	<25.5	<50.0	<50.0	65.4
TSW06	5/22/2026	0-13	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.6	<25.6	<50.0	<50.0	60.4
TSW07	5/22/2026	0-14	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.7	<25.7	<50.0	<50.0	61.5
TSW08	5/22/2026	0-15	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.8	<25.8	<50.0	<50.0	63.1
TSW09	5/22/2026	0-16	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.9	<25.9	<50.0	<50.0	61.0
TSW10	5/22/2026	0-17	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.10	<25.10	<50.0	<50.0	63.1
TSW11	5/22/2026	0-18	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.11	<25.11	<50.0	<50.0	67.2
TSW12	5/22/2026	0-19	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.12	<25.12	<50.0	<50.0	64.5

Notes:

bgs: Below ground surface

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

mg/kg: Milligrams per kilogram

NA: Not Analyzed

NE: Not Established

NMOCDC: New Mexico Oil Conservation Division

ppm: Parts per million

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

MRO: Motor Oil/Lube Oil Range Organics

TPH: Total Petroleum Hydrocarbon

< : Indicates result less than the stated laboratory reporting limit (RL)

Concentrations in **bold** exceed the New Mexico Oil Conservation Division Table 1 Closure Criteria for Soils Impacted by a Release

Grey and strikethrough text represents soil sample areas that have been excavated



APPENDIX A

NMOSE Well Log



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	POD NUMBER (WELL NUMBER)				OSE FILE NUMBER(S) SJ 3977			
	WELL OWNER NAME(S) Mary Sullivan (BLM)				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS 330 Rd 4960				CITY Bloomfeild		STATE NM	
					ZIP 87413			
	WELL LOCATION (FROM GPS)	DEGREES		MINUTES	SECONDS	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84		
		LATITUDE	36	36	4.00 N			
		LONGITUDE		107	52	33.00 W		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS								
2. OPTIONAL	(2.5 ACRE) 1/4	(10 ACRE) 1/4	(40 ACRE) 1/4	(160 ACRE) 1/4	SECTION	TOWNSHIP ☐ NORTH ☐ SOUTH	RANGE ☐ EAST ☐ WEST	
	SUBDIVISION NAME				LOT NUMBER	BLOCK NUMBER	UNIT/TRACT	
	HYDROGRAPHIC SURVEY					MAP NUMBER	TRACT NUMBER	
3. DRILLING INFORMATION	LICENSE NUMBER WD 717		NAME OF LICENSED DRILLER Terry Hood			NAME OF WELL DRILLING COMPANY Western Water Wells		
	DRILLING STARTED 12/23/11		DRILLING ENDED 1/5/12		DEPTH OF COMPLETED WELL (FT) 275	BORE HOLE DEPTH (FT) 275	DEPTH WATER FIRST ENCOUNTERED (FT) 94	
	COMPLETED WELL IS: ☐ ARTESIAN ☐ DRY HOLE ☒ SHALLOW (UNCONFINED)						STATIC WATER LEVEL IN COMPLETED WELL (FT) 94	
	DRILLING FLUID: ☒ AIR ☐ MUD ☐ ADDITIVES - SPECIFY:							
	DRILLING METHOD: ☒ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER - SPECIFY:							
	DEPTH (FT) FROM TO		BORE HOLE DIA. (IN)	CASING MATERIAL	CONNECTION TYPE (CASING)	INSIDE DIA. CASING (IN)	CASING WALL THICKNESS (IN)	SLOT SIZE (IN)
	0 275		8	SDR 17 PVC	Spline	5		.060
4. WATER BEARING STRATA	DEPTH (FT) FROM TO		THICKNESS (FT)	FORMATION DESCRIPTION OF PRINCIPAL WATER-BEARING STRATA (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)				
	205 275		70	Blue Sandstone				
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA						TOTAL ESTIMATED WELL YIELD (GPM) 8		

FOR OSE INTERNAL USE

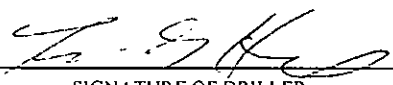
WELL RECORD & LOG (Version 6/9/08)

FILE NUMBER 5J-3977	POD NUMBER 1	TRN NUMBER 482369
LOCATION 27N. 10W. 03. 424		PAGE 1 OF 2

5. SEAL AND PUMP	TYPE OF PUMP: ☐ SUBMERSIBLE ☐ JET ☐ NO PUMP - WELL NOT EQUIPPED ☐ TURBINE ☐ CYLINDER ☐ OTHER - SPECIFY:						
	ANNULAR SEAL AND GRAVEL PACK	DEPTH (FT)		BORE HOLE DIA. (IN)	MATERIAL TYPE AND SIZE	AMOUNT (CUBIC FT)	METHOD OF PLACEMENT
		FROM	TO				
		5	25				
			9	Cement	4	Tremie	

6. GEOLOGIC LOG OF WELL	DEPTH (FT)		THICKNESS (FT)	COLOR AND TYPE OF MATERIAL ENCOUNTERED (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)	WATER BEARING?	
	FROM	TO				
	0	25	25	Blue Sandy Shale	☐ YES	☒ NO
	25	65	40	Yellow Sadstone	☐ YES	☒ NO
	65	75	10	Sandy Shale	☐ YES	☒ NO
	75	110	35	Sandstone	☐ YES	☐ NO
	110	125	15	Red Shale	☐ YES	☒ NO
	125	195	70	Blue Sandstone	☐ YES	☒ NO
	195	205	10	Blue Sandy Shale	☐ YES	☒ NO
	205	275	70	Blue Sadstone	☒ YES	☐ NO
					☐ YES	☐ NO
					☐ YES	☐ NO
					☐ YES	☐ NO
					☐ YES	☐ NO
					☐ YES	☐ NO
					☐ YES	☐ NO
				☐ YES	☐ NO	
ATTACH ADDITIONAL PAGES AS NEEDED TO FULLY DESCRIBE THE GEOLOGIC LOG OF THE WELL						

7. TEST & ADDITIONAL INFO	WELL TEST	METHOD: ☐ BAILER ☐ PUMP ☒ AIR LIFT ☐ OTHER - SPECIFY:
		TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	ADDITIONAL STATEMENTS OR EXPLANATIONS:	

8. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 SIGNATURE OF DRILLER	1/22/12 DATE

FOR USE INTERNAL USE

WELL RECORD & LOG (Version 6/9/08)

FILE NUMBER SJ-3977	POD NUMBER 1	TRN NUMBER 482369
LOCATION 27N.10W.03.424		PAGE 2 OF 2



APPENDIX B

Agency Correspondence

From: OCDOnline@emnrd.nm.gov
To: [Stuart Hyde](#)
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 586937
Date: Wednesday, May 20, 2026 8:26:41 AM

[**EXTERNAL EMAIL**]

To whom it may concern (c/o Stuart Hyde for HILCORP ENERGY COMPANY),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2606156403.

The sampling event is expected to take place:

When: 05/22/2026 @ 11:00

Where: I-35-28N-10W 1750 FSL 890 FEL (36.6163063,-107.8590546)

Additional Information: Stuart Hyde, 970-903-1607

Additional Instructions: Hilcorp Cole A 1E, coordinates 36.615718, -107.85844

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

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

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

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

From: OCDOnline@emnrd.nm.gov
To: [Stuart Hyde](#)
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 589992
Date: Friday, May 29, 2026 2:49:31 PM

[**EXTERNAL EMAIL**]

To whom it may concern (c/o Stuart Hyde for HILCORP ENERGY COMPANY),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2606156403.

The sampling event is expected to take place:

When: 06/02/2026 @ 12:30

Where: I-35-28N-10W 1750 FSL 890 FEL (36.6163063,-107.8590546)

Additional Information: Stuart Hyde, 970-903-1607

Additional Instructions: : Hilcorp Cole A 1E, coordinates 36.615718, -107.85844

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

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

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

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

From: [Hall, Brittany, EMNRD](#)
To: [Stuart Hyde](#); [Enviro, OCD, EMNRD](#); [Hamlet, Robert, EMNRD](#)
Cc: [Kate Kaufman](#); [Wes Weichert](#); [Eric Carroll](#)
Subject: RE: [EXTERNAL] nAPP2606156403 - Sampling Notification Variance Request
Date: Friday, May 29, 2026 3:50:58 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)

[**EXTERNAL EMAIL**]

Stuart,

The variance request is approved. Please submit a C-141N for the sampling event scheduled to take place on June 2.

Please include a copy of this correspondence in the next C-141 submittal.

Thank you,

Brittany Hall ● Environmental Field Compliance Supervisor

Environmental Field Compliance Group

EMNRD - Oil Conservation Division

1000 Rio Brazos Road | Aztec, NM 87410

505.517.5333 | Brittany.Hall@emnrd.nm.gov

<http://www.emnrd.nm.gov/ocd/>

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

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

From: Stuart Hyde <shyde@ensolum.com>

Sent: Friday, May 29, 2026 12:54 PM

To: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>; Enviro, OCD, EMNRD

<OCD.Enviro@emnrd.nm.gov>; Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>

Cc: Kate Kaufman <kk Kaufman@hilcorp.com>; Wes Weichert <wweichert@ensolum.com>; Eric Carroll <ecarroll@ensolum.com>

Subject: [EXTERNAL] nAPP2606156403 - Sampling Notification Variance Request

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

Brittany,

On behalf of Hilcorp Energy Company, Ensolum respectfully requests a variance from the 2-business day sampling notification requirement outlined in 19.15.29.12(D)(1)(a) for soil samples collected during excavation activities at the Cole A 1E release in San Juan County, New Mexico. We completed extensive sampling last week from the excavation measuring approximately 36 feet it depth. All samples were non detect with the exception of one sidewall with an exceedance of chloride. We are requesting the variance in order to sample on June 2 at 12:30 PM while the equipment and operators are onsite. Because of the size of the excavation, we cannot enter the hole and collect samples without the use of the excavator.

Please let us know if you have any questions. Thanks and have a great weekend.



Stuart Hyde, PG

(Licensed in TX, WA, & WY)

Senior Managing Geologist

970-903-1607

[Ensolum, LLC](#)

in f X

"If you want to go fast, go alone. If you want to go far, go together." – African Proverb

From: [Hamlet, Robert, EMNRD](#)
To: [Stuart Hyde](#)
Cc: [Kate Kaufman](#); [Wes Weichert](#); [Bratcher, Michael, EMNRD](#); [Wells, Shelly, EMNRD](#)
Subject: (Extension Approval) - nAPP2606156403 - Hilcorp Cole A 1E
Date: Tuesday, May 26, 2026 9:31:41 AM
Attachments: [image006.png](#)
[image007.png](#)
[image008.png](#)

[**EXTERNAL EMAIL**]

RE: Incident #nAPP2606156403 Cole A 1E

Stuart,

A 90-day extension is approved. Please have a remediation closure report uploaded to the OCD Permitting Portal no later than **August 24th, 2026**. Include this e-mail correspondence in the report.

Robert Hamlet • Environmental Specialist - Advanced
Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave. | Artesia, NM 88210
575.909.0302 | robert.hamlet@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>



From: Stuart Hyde <shyde@ensolum.com>
Sent: Tuesday, May 26, 2026 6:13 AM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Cc: Kate Kaufman <kkaufman@hilcorp.com>; Wes Weichert <wweichert@ensolum.com>
Subject: [EXTERNAL] nAPP2606156403 - Hilcorp Cole A 1E Reporting Extension Request

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

Robert,

On behalf of Hilcorp Energy Company, we are requesting a 90-day extension to the reporting deadline for the Cole A 1E site located in San Juan County. Due to the volume of release and sandy soils encountered at the site, the excavation to remove impacted soil was advanced to

a depth of 35 feet, requiring it to be an engineered excavation. At this time, we finished excavating to 35 feet on Friday last week and collected final confirmation samples for laboratory analysis. We are waiting on sample results and are requesting 90 days in order to either continue excavation (if we have failing samples) and/or prepare the closure report.

If approved, the new deadline would be Thursday August 27, 2026. Please feel free to reach out if you have any questions.



Stuart Hyde, PG

(Licensed in TX, WA, & WY)

Senior Managing Geologist

970-903-1607

[Ensolum, LLC](#)

in f X

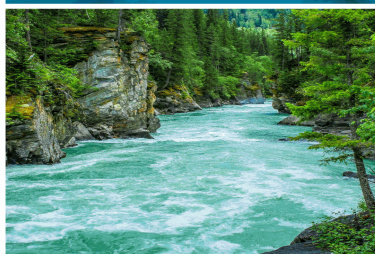
"If you want to go fast, go alone. If you want to go far, go together." – African Proverb



APPENDIX C

Laboratory Analytical Reports

Report to:
Kate Kaufman



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Hilcorp Energy Co

Project Name: Cole A 1E

Work Order: E605233

Job Number: 17051-0002

Received: 5/22/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/27/26

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 5/27/26

Kate Kaufman
PO Box 61529
Houston, TX 77208



Project Name: Cole A 1E
Workorder: E605233
Date Received: 5/22/2026 2:30:00PM

Kate Kaufman,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/22/2026 2:30:00PM, under the Project Name: Cole A 1E.

The analytical test results summarized in this report with the Project Name: Cole A 1E apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
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
ljjarboe@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

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Sample Summary

Hilcorp Energy Co	Project Name:	Cole A 1E	Reported: 05/27/26 17:47
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BFS01	E605233-01A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
BFS02	E605233-02A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
BSW01	E605233-03A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
BSW02	E605233-04A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
BSW03	E605233-05A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
BSW04	E605233-06A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
BSW05	E605233-07A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MSW01	E605233-08A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MSW02	E605233-09A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MSW03	E605233-10A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MSW04	E605233-11A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MSW05	E605233-12A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MSW06	E605233-13A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MSW07	E605233-14A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MSW08	E605233-15A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MSW09	E605233-16A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MSW10	E605233-17A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MSW11	E605233-18A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MSW12	E605233-19A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MSW13	E605233-20A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MSW14	E605233-21A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MSW15	E605233-22A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MSW16	E605233-23A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MSW17	E605233-24A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MSW18	E605233-25A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MSW19	E605233-26A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MSW20	E605233-27A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MFS01	E605233-28A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MFS02	E605233-29A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MFS03	E605233-30A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MFS04	E605233-31A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MFS05	E605233-32A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MFS06	E605233-33A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MFS07	E605233-34A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MFS08	E605233-35A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MFS09	E605233-36A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MFS10	E605233-37A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MFS11	E605233-38A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MFS12	E605233-39A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MFS13	E605233-40A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.



Sample Summary

Hilcorp Energy Co	Project Name:	Cole A 1E	Reported: 05/27/26 17:47
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
MFS14	E605233-41A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MFS15	E605233-42A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MFS16	E605233-43A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MFS17	E605233-44A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MFS18	E605233-45A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MFS19	E605233-46A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MFS20	E605233-47A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MFS21	E605233-48A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MFS22	E605233-49A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MFS23	E605233-50A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
MFS24	E605233-51A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
TSW01	E605233-52A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
TSW02	E605233-53A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
TSW03	E605233-54A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
TSW04	E605233-55A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
TSW05	E605233-56A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
TSW06	E605233-57A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
TSW07	E605233-58A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
TSW08	E605233-59A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
TSW09	E605233-60A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
TSW10	E605233-61A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
TSW11	E605233-62A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
TSW12	E605233-63A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
RFS01	E605233-64A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
RFS02	E605233-65A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.
RFS03	E605233-66A	Soil	05/22/26	05/22/26	Glass Jar, 2 oz.



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

BFS01

E605233-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2621143	
Benzene	ND	0.0250	1	05/22/26	05/23/26	
Ethylbenzene	ND	0.0250	1	05/22/26	05/23/26	
Toluene	ND	0.0250	1	05/22/26	05/23/26	
o-Xylene	ND	0.0250	1	05/22/26	05/23/26	
p,m-Xylene	ND	0.0500	1	05/22/26	05/23/26	
Total Xylenes	ND	0.0250	1	05/22/26	05/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.1 %	70-130	05/22/26	05/23/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2621143	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/26	05/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		112 %	70-130	05/22/26	05/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2622001	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/26/26	
<i>Surrogate: n-Nonane</i>		86.9 %	69-135	05/26/26	05/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2622006	
Chloride	155	40.0	2	05/26/26	05/26/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

BFS02

E605233-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2621143	
Benzene	ND	0.0250	1	05/22/26	05/23/26	
Ethylbenzene	ND	0.0250	1	05/22/26	05/23/26	
Toluene	ND	0.0250	1	05/22/26	05/23/26	
o-Xylene	ND	0.0250	1	05/22/26	05/23/26	
p,m-Xylene	ND	0.0500	1	05/22/26	05/23/26	
Total Xylenes	ND	0.0250	1	05/22/26	05/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	93.5 %	70-130		05/22/26	05/23/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2621143	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/26	05/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	113 %	70-130		05/22/26	05/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2622001	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/26/26	
<i>Surrogate: n-Nonane</i>	86.6 %	69-135		05/26/26	05/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2622006	
Chloride	152	100	5	05/26/26	05/26/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

BSW01

E605233-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2621143	
Benzene	ND	0.0250	1	05/22/26	05/23/26	
Ethylbenzene	ND	0.0250	1	05/22/26	05/23/26	
Toluene	ND	0.0250	1	05/22/26	05/23/26	
o-Xylene	ND	0.0250	1	05/22/26	05/23/26	
p,m-Xylene	ND	0.0500	1	05/22/26	05/23/26	
Total Xylenes	ND	0.0250	1	05/22/26	05/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.6 %	70-130		05/22/26	05/23/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2621143	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/26	05/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	114 %	70-130		05/22/26	05/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2622001	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/26/26	
<i>Surrogate: n-Nonane</i>	91.8 %	69-135		05/26/26	05/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2622006	
Chloride	118	40.0	2	05/26/26	05/26/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

BSW02

E605233-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621143	
Benzene	ND	0.0250	1	05/22/26	05/23/26	
Ethylbenzene	ND	0.0250	1	05/22/26	05/23/26	
Toluene	ND	0.0250	1	05/22/26	05/23/26	
o-Xylene	ND	0.0250	1	05/22/26	05/23/26	
p,m-Xylene	ND	0.0500	1	05/22/26	05/23/26	
Total Xylenes	ND	0.0250	1	05/22/26	05/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.5 %	70-130		05/22/26	05/23/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621143	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/26	05/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	113 %	70-130		05/22/26	05/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2622001	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/26/26	
<i>Surrogate: n-Nonane</i>						
	87.5 %	69-135		05/26/26	05/26/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2622006	
Chloride	119	40.0	2	05/26/26	05/26/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

BSW03

E605233-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621143	
Benzene	ND	0.0250	1	05/22/26	05/23/26	
Ethylbenzene	ND	0.0250	1	05/22/26	05/23/26	
Toluene	ND	0.0250	1	05/22/26	05/23/26	
o-Xylene	ND	0.0250	1	05/22/26	05/23/26	
p,m-Xylene	ND	0.0500	1	05/22/26	05/23/26	
Total Xylenes	ND	0.0250	1	05/22/26	05/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.4 %	70-130		05/22/26	05/23/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621143	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/26	05/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	113 %	70-130		05/22/26	05/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2622001	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/26/26	
<i>Surrogate: n-Nonane</i>						
	88.1 %	69-135		05/26/26	05/26/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2622006	
Chloride	ND	200	10	05/26/26	05/26/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

BSW04

E605233-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2621143
Benzene	ND	0.0250	1	05/22/26	05/23/26	
Ethylbenzene	ND	0.0250	1	05/22/26	05/23/26	
Toluene	ND	0.0250	1	05/22/26	05/23/26	
o-Xylene	ND	0.0250	1	05/22/26	05/23/26	
p,m-Xylene	ND	0.0500	1	05/22/26	05/23/26	
Total Xylenes	ND	0.0250	1	05/22/26	05/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.5 %	70-130		05/22/26	05/23/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2621143
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/26	05/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	113 %	70-130		05/22/26	05/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2622001
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/26/26	
<i>Surrogate: n-Nonane</i>						
	88.0 %	69-135		05/26/26	05/26/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2622006
Chloride	ND	200	10	05/26/26	05/26/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

BSW05

E605233-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621143	
Benzene	ND	0.0250	1	05/22/26	05/23/26	
Ethylbenzene	ND	0.0250	1	05/22/26	05/23/26	
Toluene	ND	0.0250	1	05/22/26	05/23/26	
o-Xylene	ND	0.0250	1	05/22/26	05/23/26	
p,m-Xylene	ND	0.0500	1	05/22/26	05/23/26	
Total Xylenes	ND	0.0250	1	05/22/26	05/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.9 %	70-130		05/22/26	05/23/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621143	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/26	05/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	113 %	70-130		05/22/26	05/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2622001	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/26/26	
<i>Surrogate: n-Nonane</i>						
	89.0 %	69-135		05/26/26	05/26/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2622006	
Chloride	1570	100	5	05/26/26	05/26/26	



Sample Data

Hilcorp Energy Co	Project Name:	Cole A 1E	Reported: 5/27/2026 5:47:40PM
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	

MSW01

E605233-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621143	
Benzene	ND	0.0250	1	05/22/26	05/23/26	
Ethylbenzene	ND	0.0250	1	05/22/26	05/23/26	
Toluene	ND	0.0250	1	05/22/26	05/23/26	
o-Xylene	ND	0.0250	1	05/22/26	05/23/26	
p,m-Xylene	ND	0.0500	1	05/22/26	05/23/26	
Total Xylenes	ND	0.0250	1	05/22/26	05/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.1 %	70-130		05/22/26	05/23/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621143	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/26	05/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	112 %	70-130		05/22/26	05/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2622001	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/26/26	
<i>Surrogate: n-Nonane</i>						
	89.4 %	69-135		05/26/26	05/26/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2622006	
Chloride	62.3	20.0	1	05/26/26	05/26/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

MSW02

E605233-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2621143	
Benzene	ND	0.0250	1	05/22/26	05/23/26	
Ethylbenzene	ND	0.0250	1	05/22/26	05/23/26	
Toluene	ND	0.0250	1	05/22/26	05/23/26	
o-Xylene	ND	0.0250	1	05/22/26	05/23/26	
p,m-Xylene	ND	0.0500	1	05/22/26	05/23/26	
Total Xylenes	ND	0.0250	1	05/22/26	05/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	93.3 %	70-130		05/22/26	05/23/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2621143	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/26	05/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	113 %	70-130		05/22/26	05/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2622001	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/26/26	
<i>Surrogate: n-Nonane</i>	90.7 %	69-135		05/26/26	05/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2622006	
Chloride	71.9	20.0	1	05/26/26	05/26/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

MSW03

E605233-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621143	
Benzene	ND	0.0250	1	05/22/26	05/23/26	
Ethylbenzene	ND	0.0250	1	05/22/26	05/23/26	
Toluene	ND	0.0250	1	05/22/26	05/23/26	
o-Xylene	ND	0.0250	1	05/22/26	05/23/26	
p,m-Xylene	ND	0.0500	1	05/22/26	05/23/26	
Total Xylenes	ND	0.0250	1	05/22/26	05/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.8 %	70-130		05/22/26	05/23/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621143	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/26	05/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	114 %	70-130		05/22/26	05/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2622001	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/26/26	
<i>Surrogate: n-Nonane</i>						
	87.1 %	69-135		05/26/26	05/26/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2622006	
Chloride	64.6	20.0	1	05/26/26	05/26/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

MSW04

E605233-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621143	
Benzene	ND	0.0250	1	05/22/26	05/23/26	
Ethylbenzene	ND	0.0250	1	05/22/26	05/23/26	
Toluene	ND	0.0250	1	05/22/26	05/23/26	
o-Xylene	ND	0.0250	1	05/22/26	05/23/26	
p,m-Xylene	ND	0.0500	1	05/22/26	05/23/26	
Total Xylenes	ND	0.0250	1	05/22/26	05/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.5 %	70-130		05/22/26	05/23/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621143	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/26	05/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	114 %	70-130		05/22/26	05/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2622001	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/26/26	
<i>Surrogate: n-Nonane</i>						
	89.0 %	69-135		05/26/26	05/26/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2622006	
Chloride	65.7	20.0	1	05/26/26	05/26/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

MSW05

E605233-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2621143	
Benzene	ND	0.0250	1	05/22/26	05/23/26	
Ethylbenzene	ND	0.0250	1	05/22/26	05/23/26	
Toluene	ND	0.0250	1	05/22/26	05/23/26	
o-Xylene	ND	0.0250	1	05/22/26	05/23/26	
p,m-Xylene	ND	0.0500	1	05/22/26	05/23/26	
Total Xylenes	ND	0.0250	1	05/22/26	05/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	93.2 %	70-130		05/22/26	05/23/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2621143	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/26	05/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	113 %	70-130		05/22/26	05/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2622001	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/26/26	
<i>Surrogate: n-Nonane</i>	88.0 %	69-135		05/26/26	05/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2622006	
Chloride	64.4	20.0	1	05/26/26	05/26/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

MSW06

E605233-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2621143	
Benzene	ND	0.0250	1	05/22/26	05/23/26	
Ethylbenzene	ND	0.0250	1	05/22/26	05/23/26	
Toluene	ND	0.0250	1	05/22/26	05/23/26	
o-Xylene	ND	0.0250	1	05/22/26	05/23/26	
p,m-Xylene	ND	0.0500	1	05/22/26	05/23/26	
Total Xylenes	ND	0.0250	1	05/22/26	05/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.2 %	70-130		05/22/26	05/23/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2621143	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/26	05/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	114 %	70-130		05/22/26	05/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2622001	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/26/26	
<i>Surrogate: n-Nonane</i>	91.2 %	69-135		05/26/26	05/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2622006	
Chloride	63.9	20.0	1	05/26/26	05/26/26	



Sample Data

Hilcorp Energy Co	Project Name:	Cole A 1E	Reported: 5/27/2026 5:47:40PM
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	

MSW07

E605233-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621143	
Benzene	ND	0.0250	1	05/22/26	05/23/26	
Ethylbenzene	ND	0.0250	1	05/22/26	05/23/26	
Toluene	ND	0.0250	1	05/22/26	05/23/26	
o-Xylene	ND	0.0250	1	05/22/26	05/23/26	
p,m-Xylene	ND	0.0500	1	05/22/26	05/23/26	
Total Xylenes	ND	0.0250	1	05/22/26	05/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.6 %	70-130		05/22/26	05/23/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621143	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/26	05/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	115 %	70-130		05/22/26	05/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2622001	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/26/26	
<i>Surrogate: n-Nonane</i>						
	89.1 %	69-135		05/26/26	05/26/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2622006	
Chloride	59.2	20.0	1	05/26/26	05/26/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

MSW08

E605233-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2621143
Benzene	ND	0.0250	1	05/22/26	05/23/26	
Ethylbenzene	ND	0.0250	1	05/22/26	05/23/26	
Toluene	ND	0.0250	1	05/22/26	05/23/26	
o-Xylene	ND	0.0250	1	05/22/26	05/23/26	
p,m-Xylene	ND	0.0500	1	05/22/26	05/23/26	
Total Xylenes	ND	0.0250	1	05/22/26	05/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.3 %	70-130		05/22/26	05/23/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2621143
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/26	05/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	113 %	70-130		05/22/26	05/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2622001
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/26/26	
<i>Surrogate: n-Nonane</i>						
	87.2 %	69-135		05/26/26	05/26/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2622006
Chloride	68.1	20.0	1	05/26/26	05/26/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

MSW09

E605233-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621143	
Benzene	ND	0.0250	1	05/22/26	05/23/26	
Ethylbenzene	ND	0.0250	1	05/22/26	05/23/26	
Toluene	ND	0.0250	1	05/22/26	05/23/26	
o-Xylene	ND	0.0250	1	05/22/26	05/23/26	
p,m-Xylene	ND	0.0500	1	05/22/26	05/23/26	
Total Xylenes	ND	0.0250	1	05/22/26	05/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.5 %	70-130		05/22/26	05/23/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621143	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/26	05/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	114 %	70-130		05/22/26	05/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2622001	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/26/26	
<i>Surrogate: n-Nonane</i>						
	89.2 %	69-135		05/26/26	05/26/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2622006	
Chloride	72.4	20.0	1	05/26/26	05/27/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

MSW10

E605233-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621143	
Benzene	ND	0.0250	1	05/22/26	05/24/26	
Ethylbenzene	ND	0.0250	1	05/22/26	05/24/26	
Toluene	ND	0.0250	1	05/22/26	05/24/26	
o-Xylene	ND	0.0250	1	05/22/26	05/24/26	
p,m-Xylene	ND	0.0500	1	05/22/26	05/24/26	
Total Xylenes	ND	0.0250	1	05/22/26	05/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.3 %	70-130		05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621143	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/26	05/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	113 %	70-130		05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2622001	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/26/26	
<i>Surrogate: n-Nonane</i>						
	88.3 %	69-135		05/26/26	05/26/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2622006	
Chloride	63.9	20.0	1	05/26/26	05/27/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

MSW11

E605233-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621143	
Benzene	ND	0.0250	1	05/22/26	05/24/26	
Ethylbenzene	ND	0.0250	1	05/22/26	05/24/26	
Toluene	ND	0.0250	1	05/22/26	05/24/26	
o-Xylene	ND	0.0250	1	05/22/26	05/24/26	
p,m-Xylene	ND	0.0500	1	05/22/26	05/24/26	
Total Xylenes	ND	0.0250	1	05/22/26	05/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.5 %	70-130		05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621143	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/26	05/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	113 %	70-130		05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2622001	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/27/26	
<i>Surrogate: n-Nonane</i>						
	88.6 %	69-135		05/26/26	05/27/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2622006	
Chloride	63.3	20.0	1	05/26/26	05/27/26	



Sample Data

Hilcorp Energy Co	Project Name:	Cole A 1E	Reported: 5/27/2026 5:47:40PM
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	

MSW12

E605233-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621143	
Benzene	ND	0.0250	1	05/22/26	05/24/26	
Ethylbenzene	ND	0.0250	1	05/22/26	05/24/26	
Toluene	ND	0.0250	1	05/22/26	05/24/26	
o-Xylene	ND	0.0250	1	05/22/26	05/24/26	
p,m-Xylene	ND	0.0500	1	05/22/26	05/24/26	
Total Xylenes	ND	0.0250	1	05/22/26	05/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.7 %	70-130		05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621143	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/26	05/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	113 %	70-130		05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2622001	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/27/26	
<i>Surrogate: n-Nonane</i>						
	88.9 %	69-135		05/26/26	05/27/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2622006	
Chloride	65.0	20.0	1	05/26/26	05/27/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

MSW13

E605233-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621143	
Benzene	ND	0.0250	1	05/22/26	05/24/26	
Ethylbenzene	ND	0.0250	1	05/22/26	05/24/26	
Toluene	ND	0.0250	1	05/22/26	05/24/26	
o-Xylene	ND	0.0250	1	05/22/26	05/24/26	
p,m-Xylene	ND	0.0500	1	05/22/26	05/24/26	
Total Xylenes	ND	0.0250	1	05/22/26	05/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621143	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/26	05/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		114 %	70-130	05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2622001	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/27/26	
<i>Surrogate: n-Nonane</i>						
		88.2 %	69-135	05/26/26	05/27/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2622006	
Chloride	63.0	20.0	1	05/26/26	05/27/26	



Sample Data

Hilcorp Energy Co	Project Name:	Cole A 1E	Reported: 5/27/2026 5:47:40PM
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	

MSW14

E605233-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621144	
Benzene	ND	0.0250	1	05/22/26	05/24/26	
Ethylbenzene	ND	0.0250	1	05/22/26	05/24/26	
Toluene	ND	0.0250	1	05/22/26	05/24/26	
o-Xylene	ND	0.0250	1	05/22/26	05/24/26	
p,m-Xylene	ND	0.0500	1	05/22/26	05/24/26	
Total Xylenes	ND	0.0250	1	05/22/26	05/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.4 %	70-130		05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621144	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/26	05/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.9 %	70-130		05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2622003	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/26/26	
<i>Surrogate: n-Nonane</i>						
	99.3 %	69-135		05/26/26	05/26/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2622011	
Chloride	76.8	20.0	1	05/26/26	05/27/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

MSW15

E605233-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2621144
Benzene	ND	0.0250	1	05/22/26	05/24/26	
Ethylbenzene	ND	0.0250	1	05/22/26	05/24/26	
Toluene	ND	0.0250	1	05/22/26	05/24/26	
o-Xylene	ND	0.0250	1	05/22/26	05/24/26	
p,m-Xylene	ND	0.0500	1	05/22/26	05/24/26	
Total Xylenes	ND	0.0250	1	05/22/26	05/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2621144
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/26	05/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.1 %	70-130	05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2622003
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/26/26	
<i>Surrogate: n-Nonane</i>						
		100 %	69-135	05/26/26	05/26/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2622011
Chloride	61.4	20.0	1	05/26/26	05/27/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

MSW16

E605233-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2621144
Benzene	ND	0.0250	1	05/22/26	05/24/26	
Ethylbenzene	ND	0.0250	1	05/22/26	05/24/26	
Toluene	ND	0.0250	1	05/22/26	05/24/26	
o-Xylene	ND	0.0250	1	05/22/26	05/24/26	
p,m-Xylene	ND	0.0500	1	05/22/26	05/24/26	
Total Xylenes	ND	0.0250	1	05/22/26	05/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.4 %	70-130		05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2621144
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/26	05/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	86.7 %	70-130		05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2622003
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/26/26	
<i>Surrogate: n-Nonane</i>						
	97.2 %	69-135		05/26/26	05/26/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2622011
Chloride	63.2	20.0	1	05/26/26	05/27/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

MSW17

E605233-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621144	
Benzene	ND	0.0250	1	05/22/26	05/24/26	
Ethylbenzene	ND	0.0250	1	05/22/26	05/24/26	
Toluene	ND	0.0250	1	05/22/26	05/24/26	
o-Xylene	ND	0.0250	1	05/22/26	05/24/26	
p,m-Xylene	ND	0.0500	1	05/22/26	05/24/26	
Total Xylenes	ND	0.0250	1	05/22/26	05/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.7 %	70-130		05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621144	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/26	05/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.0 %	70-130		05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2622003	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/26/26	
<i>Surrogate: n-Nonane</i>						
	99.2 %	69-135		05/26/26	05/26/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2622011	
Chloride	61.3	20.0	1	05/26/26	05/27/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

MSW18

E605233-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621144	
Benzene	ND	0.0250	1	05/22/26	05/24/26	
Ethylbenzene	ND	0.0250	1	05/22/26	05/24/26	
Toluene	ND	0.0250	1	05/22/26	05/24/26	
o-Xylene	ND	0.0250	1	05/22/26	05/24/26	
p,m-Xylene	ND	0.0500	1	05/22/26	05/24/26	
Total Xylenes	ND	0.0250	1	05/22/26	05/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.7 %	70-130		05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621144	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/26	05/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.8 %	70-130		05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2622003	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/26/26	
<i>Surrogate: n-Nonane</i>						
	99.3 %	69-135		05/26/26	05/26/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2622011	
Chloride	66.2	20.0	1	05/26/26	05/27/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

MSW19

E605233-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2621144
Benzene	ND	0.0250	1	05/22/26	05/24/26	
Ethylbenzene	ND	0.0250	1	05/22/26	05/24/26	
Toluene	ND	0.0250	1	05/22/26	05/24/26	
o-Xylene	ND	0.0250	1	05/22/26	05/24/26	
p,m-Xylene	ND	0.0500	1	05/22/26	05/24/26	
Total Xylenes	ND	0.0250	1	05/22/26	05/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2621144
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/26	05/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		86.9 %	70-130	05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2622003
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/26/26	
<i>Surrogate: n-Nonane</i>						
		103 %	69-135	05/26/26	05/26/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2622011
Chloride	62.1	20.0	1	05/26/26	05/27/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

MSW20

E605233-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621144	
Benzene	ND	0.0250	1	05/22/26	05/24/26	
Ethylbenzene	ND	0.0250	1	05/22/26	05/24/26	
Toluene	ND	0.0250	1	05/22/26	05/24/26	
o-Xylene	ND	0.0250	1	05/22/26	05/24/26	
p,m-Xylene	ND	0.0500	1	05/22/26	05/24/26	
Total Xylenes	ND	0.0250	1	05/22/26	05/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621144	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/26	05/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		86.9 %	70-130	05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2622003	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/26/26	
<i>Surrogate: n-Nonane</i>						
		99.8 %	69-135	05/26/26	05/26/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2622011	
Chloride	65.7	20.0	1	05/26/26	05/27/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

MFS01

E605233-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621144	
Benzene	ND	0.0250	1	05/22/26	05/24/26	
Ethylbenzene	ND	0.0250	1	05/22/26	05/24/26	
Toluene	ND	0.0250	1	05/22/26	05/24/26	
o-Xylene	ND	0.0250	1	05/22/26	05/24/26	
p,m-Xylene	ND	0.0500	1	05/22/26	05/24/26	
Total Xylenes	ND	0.0250	1	05/22/26	05/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621144	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/26	05/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		86.7 %	70-130	05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2622003	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/26/26	
<i>Surrogate: n-Nonane</i>						
		101 %	69-135	05/26/26	05/26/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2622011	
Chloride	56.1	20.0	1	05/26/26	05/27/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

MFS02

E605233-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621144	
Benzene	ND	0.0250	1	05/22/26	05/24/26	
Ethylbenzene	ND	0.0250	1	05/22/26	05/24/26	
Toluene	ND	0.0250	1	05/22/26	05/24/26	
o-Xylene	ND	0.0250	1	05/22/26	05/24/26	
p,m-Xylene	ND	0.0500	1	05/22/26	05/24/26	
Total Xylenes	ND	0.0250	1	05/22/26	05/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.0 %	70-130		05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621144	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/26	05/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.3 %	70-130		05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2622003	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/26/26	
<i>Surrogate: n-Nonane</i>						
	101 %	69-135		05/26/26	05/26/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2622011	
Chloride	57.3	20.0	1	05/26/26	05/27/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

MFS03

E605233-30

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2621144
Benzene	ND	0.0250	1	05/22/26	05/24/26	
Ethylbenzene	ND	0.0250	1	05/22/26	05/24/26	
Toluene	ND	0.0250	1	05/22/26	05/24/26	
o-Xylene	ND	0.0250	1	05/22/26	05/24/26	
p,m-Xylene	ND	0.0500	1	05/22/26	05/24/26	
Total Xylenes	ND	0.0250	1	05/22/26	05/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.3 %	70-130		05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2621144
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/26	05/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.0 %	70-130		05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2622003
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/26/26	
<i>Surrogate: n-Nonane</i>						
	97.9 %	69-135		05/26/26	05/26/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2622011
Chloride	60.0	20.0	1	05/26/26	05/27/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

MFS04

E605233-31

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2621144
Benzene	ND	0.0250	1	05/22/26	05/24/26	
Ethylbenzene	ND	0.0250	1	05/22/26	05/24/26	
Toluene	ND	0.0250	1	05/22/26	05/24/26	
o-Xylene	ND	0.0250	1	05/22/26	05/24/26	
p,m-Xylene	ND	0.0500	1	05/22/26	05/24/26	
Total Xylenes	ND	0.0250	1	05/22/26	05/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2621144
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/26	05/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		85.3 %	70-130	05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2622003
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/26/26	
<i>Surrogate: n-Nonane</i>						
		98.9 %	69-135	05/26/26	05/26/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2622011
Chloride	64.3	20.0	1	05/26/26	05/27/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

MFS05

E605233-32

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2621144
Benzene	ND	0.0250	1	05/22/26	05/24/26	
Ethylbenzene	ND	0.0250	1	05/22/26	05/24/26	
Toluene	ND	0.0250	1	05/22/26	05/24/26	
o-Xylene	ND	0.0250	1	05/22/26	05/24/26	
p,m-Xylene	ND	0.0500	1	05/22/26	05/24/26	
Total Xylenes	ND	0.0250	1	05/22/26	05/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2621144
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/26	05/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		86.0 %	70-130	05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2622003
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/26/26	
<i>Surrogate: n-Nonane</i>						
		97.7 %	69-135	05/26/26	05/26/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2622011
Chloride	58.9	20.0	1	05/26/26	05/27/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

MFS06

E605233-33

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2621144
Benzene	ND	0.0250	1	05/22/26	05/24/26	
Ethylbenzene	ND	0.0250	1	05/22/26	05/24/26	
Toluene	ND	0.0250	1	05/22/26	05/24/26	
o-Xylene	ND	0.0250	1	05/22/26	05/24/26	
p,m-Xylene	ND	0.0500	1	05/22/26	05/24/26	
Total Xylenes	ND	0.0250	1	05/22/26	05/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2621144
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/26	05/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		86.4 %	70-130	05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2622003
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/26/26	
<i>Surrogate: n-Nonane</i>						
		99.3 %	69-135	05/26/26	05/26/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2622011
Chloride	60.3	20.0	1	05/26/26	05/27/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

MFS07

E605233-34

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621144	
Benzene	ND	0.0250	1	05/22/26	05/24/26	
Ethylbenzene	ND	0.0250	1	05/22/26	05/24/26	
Toluene	ND	0.0250	1	05/22/26	05/24/26	
o-Xylene	ND	0.0250	1	05/22/26	05/24/26	
p,m-Xylene	ND	0.0500	1	05/22/26	05/24/26	
Total Xylenes	ND	0.0250	1	05/22/26	05/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.8 %	70-130		05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621144	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/26	05/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	85.7 %	70-130		05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2622003	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/26/26	
<i>Surrogate: n-Nonane</i>						
	101 %	69-135		05/26/26	05/26/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2622011	
Chloride	57.9	20.0	1	05/26/26	05/27/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

MFS08

E605233-35

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2621144
Benzene	ND	0.0250	1	05/22/26	05/24/26	
Ethylbenzene	ND	0.0250	1	05/22/26	05/24/26	
Toluene	ND	0.0250	1	05/22/26	05/24/26	
o-Xylene	ND	0.0250	1	05/22/26	05/24/26	
p,m-Xylene	ND	0.0500	1	05/22/26	05/24/26	
Total Xylenes	ND	0.0250	1	05/22/26	05/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2621144
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/26	05/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		86.8 %	70-130	05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2622003
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/26/26	
<i>Surrogate: n-Nonane</i>						
		102 %	69-135	05/26/26	05/26/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2622011
Chloride	60.0	20.0	1	05/26/26	05/27/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

MFS09

E605233-36

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2621144
Benzene	ND	0.0250	1	05/22/26	05/24/26	
Ethylbenzene	ND	0.0250	1	05/22/26	05/24/26	
Toluene	ND	0.0250	1	05/22/26	05/24/26	
o-Xylene	ND	0.0250	1	05/22/26	05/24/26	
p,m-Xylene	ND	0.0500	1	05/22/26	05/24/26	
Total Xylenes	ND	0.0250	1	05/22/26	05/24/26	
Surrogate: 4-Bromochlorobenzene-PID	98.6 %	70-130		05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2621144
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/26	05/24/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID	87.7 %	70-130		05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2622003
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/26/26	
Surrogate: n-Nonane	101 %	69-135		05/26/26	05/26/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2622011
Chloride	57.3	20.0	1	05/26/26	05/27/26	



Sample Data

Hilcorp Energy Co	Project Name:	Cole A 1E	Reported: 5/27/2026 5:47:40PM
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	

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E605233-37

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621144	
Benzene	ND	0.0250	1	05/22/26	05/24/26	
Ethylbenzene	ND	0.0250	1	05/22/26	05/24/26	
Toluene	ND	0.0250	1	05/22/26	05/24/26	
o-Xylene	ND	0.0250	1	05/22/26	05/24/26	
p,m-Xylene	ND	0.0500	1	05/22/26	05/24/26	
Total Xylenes	ND	0.0250	1	05/22/26	05/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.9 %	70-130		05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621144	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/26	05/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.5 %	70-130		05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2622003	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/26/26	
<i>Surrogate: n-Nonane</i>						
	101 %	69-135		05/26/26	05/26/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2622011	
Chloride	60.2	20.0	1	05/26/26	05/27/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

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E605233-38

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621144	
Benzene	ND	0.0250	1	05/22/26	05/24/26	
Ethylbenzene	ND	0.0250	1	05/22/26	05/24/26	
Toluene	ND	0.0250	1	05/22/26	05/24/26	
o-Xylene	ND	0.0250	1	05/22/26	05/24/26	
p,m-Xylene	ND	0.0500	1	05/22/26	05/24/26	
Total Xylenes	ND	0.0250	1	05/22/26	05/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.2 %	70-130		05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621144	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/26	05/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.2 %	70-130		05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2622003	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/27/26	
<i>Surrogate: n-Nonane</i>						
	100 %	69-135		05/26/26	05/27/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2622011	
Chloride	61.8	20.0	1	05/26/26	05/27/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

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E605233-39

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621144	
Benzene	ND	0.0250	1	05/22/26	05/24/26	
Ethylbenzene	ND	0.0250	1	05/22/26	05/24/26	
Toluene	ND	0.0250	1	05/22/26	05/24/26	
o-Xylene	ND	0.0250	1	05/22/26	05/24/26	
p,m-Xylene	ND	0.0500	1	05/22/26	05/24/26	
Total Xylenes	ND	0.0250	1	05/22/26	05/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.6 %	70-130		05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621144	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/26	05/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.9 %	70-130		05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2622003	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/27/26	
<i>Surrogate: n-Nonane</i>						
	101 %	69-135		05/26/26	05/27/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2622011	
Chloride	59.5	20.0	1	05/26/26	05/27/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

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E605233-40

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621144	
Benzene	ND	0.0250	1	05/22/26	05/24/26	
Ethylbenzene	ND	0.0250	1	05/22/26	05/24/26	
Toluene	ND	0.0250	1	05/22/26	05/24/26	
o-Xylene	ND	0.0250	1	05/22/26	05/24/26	
p,m-Xylene	ND	0.0500	1	05/22/26	05/24/26	
Total Xylenes	ND	0.0250	1	05/22/26	05/24/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.1 %	70-130		05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2621144	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/26	05/24/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.1 %	70-130		05/22/26	05/24/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2622003	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/27/26	
<i>Surrogate: n-Nonane</i>						
	98.9 %	69-135		05/26/26	05/27/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2622011	
Chloride	60.1	20.0	1	05/26/26	05/27/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

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E605233-41

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2622002	
Benzene	ND	0.0250	1	05/26/26	05/26/26	
Ethylbenzene	ND	0.0250	1	05/26/26	05/26/26	
Toluene	ND	0.0250	1	05/26/26	05/26/26	
o-Xylene	ND	0.0250	1	05/26/26	05/26/26	
p,m-Xylene	ND	0.0500	1	05/26/26	05/26/26	
Total Xylenes	ND	0.0250	1	05/26/26	05/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2622002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/26	05/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.8 %	70-130	05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2622005	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/26/26	
<i>Surrogate: n-Nonane</i>						
		85.2 %	69-135	05/26/26	05/26/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2622012	
Chloride	59.2	20.0	1	05/26/26	05/26/26	



Sample Data

Hilcorp Energy Co	Project Name:	Cole A 1E	Reported: 5/27/2026 5:47:40PM
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	

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E605233-42

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2622002	
Benzene	ND	0.0250	1	05/26/26	05/26/26	
Ethylbenzene	ND	0.0250	1	05/26/26	05/26/26	
Toluene	ND	0.0250	1	05/26/26	05/26/26	
o-Xylene	ND	0.0250	1	05/26/26	05/26/26	
p,m-Xylene	ND	0.0500	1	05/26/26	05/26/26	
Total Xylenes	ND	0.0250	1	05/26/26	05/26/26	
Surrogate: 4-Bromochlorobenzene-PID	100 %	70-130		05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2622002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/26	05/26/26	
Surrogate: 1-Chloro-4-fluorobenzene-FID	87.8 %	70-130		05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2622005	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/26/26	
Surrogate: n-Nonane	83.4 %	69-135		05/26/26	05/26/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2622012	
Chloride	57.1	20.0	1	05/26/26	05/26/26	



Sample Data

Hilcorp Energy Co	Project Name:	Cole A 1E	Reported: 5/27/2026 5:47:40PM
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	

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E605233-43

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2622002	
Benzene	ND	0.0250	1	05/26/26	05/26/26	
Ethylbenzene	ND	0.0250	1	05/26/26	05/26/26	
Toluene	ND	0.0250	1	05/26/26	05/26/26	
o-Xylene	ND	0.0250	1	05/26/26	05/26/26	
p,m-Xylene	ND	0.0500	1	05/26/26	05/26/26	
Total Xylenes	ND	0.0250	1	05/26/26	05/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2622002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/26	05/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.6 %	70-130	05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2622005	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/26/26	
<i>Surrogate: n-Nonane</i>						
		87.4 %	69-135	05/26/26	05/26/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2622012	
Chloride	60.4	20.0	1	05/26/26	05/26/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

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E605233-44

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2622002
Benzene	ND	0.0250	1	05/26/26	05/26/26	
Ethylbenzene	ND	0.0250	1	05/26/26	05/26/26	
Toluene	ND	0.0250	1	05/26/26	05/26/26	
o-Xylene	ND	0.0250	1	05/26/26	05/26/26	
p,m-Xylene	ND	0.0500	1	05/26/26	05/26/26	
Total Xylenes	ND	0.0250	1	05/26/26	05/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2622002
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/26	05/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.0 %	70-130	05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2622005
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/26/26	
<i>Surrogate: n-Nonane</i>						
		87.1 %	69-135	05/26/26	05/26/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2622012
Chloride	61.4	20.0	1	05/26/26	05/26/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

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E605233-45

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2622002	
Benzene	ND	0.0250	1	05/26/26	05/26/26	
Ethylbenzene	ND	0.0250	1	05/26/26	05/26/26	
Toluene	ND	0.0250	1	05/26/26	05/26/26	
o-Xylene	ND	0.0250	1	05/26/26	05/26/26	
p,m-Xylene	ND	0.0500	1	05/26/26	05/26/26	
Total Xylenes	ND	0.0250	1	05/26/26	05/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2622002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/26	05/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		86.5 %	70-130	05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2622005	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/26/26	
<i>Surrogate: n-Nonane</i>						
		83.2 %	69-135	05/26/26	05/26/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2622012	
Chloride	58.2	20.0	1	05/26/26	05/26/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

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E605233-46

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2622002	
Benzene	ND	0.0250	1	05/26/26	05/26/26	
Ethylbenzene	ND	0.0250	1	05/26/26	05/26/26	
Toluene	ND	0.0250	1	05/26/26	05/26/26	
o-Xylene	ND	0.0250	1	05/26/26	05/26/26	
p,m-Xylene	ND	0.0500	1	05/26/26	05/26/26	
Total Xylenes	ND	0.0250	1	05/26/26	05/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2622002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/26	05/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.7 %	70-130	05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2622005	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/26/26	
<i>Surrogate: n-Nonane</i>						
		85.3 %	69-135	05/26/26	05/26/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2622012	
Chloride	56.4	20.0	1	05/26/26	05/26/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

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E605233-47

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2622002
Benzene	ND	0.0250	1	05/26/26	05/26/26	
Ethylbenzene	ND	0.0250	1	05/26/26	05/26/26	
Toluene	ND	0.0250	1	05/26/26	05/26/26	
o-Xylene	ND	0.0250	1	05/26/26	05/26/26	
p,m-Xylene	ND	0.0500	1	05/26/26	05/26/26	
Total Xylenes	ND	0.0250	1	05/26/26	05/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2622002
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/26	05/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.6 %	70-130	05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2622005
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/26/26	
<i>Surrogate: n-Nonane</i>						
		86.5 %	69-135	05/26/26	05/26/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2622012
Chloride	63.0	20.0	1	05/26/26	05/26/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

MFS21

E605233-48

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2622002	
Benzene	ND	0.0250	1	05/26/26	05/26/26	
Ethylbenzene	ND	0.0250	1	05/26/26	05/26/26	
Toluene	ND	0.0250	1	05/26/26	05/26/26	
o-Xylene	ND	0.0250	1	05/26/26	05/26/26	
p,m-Xylene	ND	0.0500	1	05/26/26	05/26/26	
Total Xylenes	ND	0.0250	1	05/26/26	05/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	100 %	70-130		05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2622002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/26	05/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.4 %	70-130		05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2622005	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/26/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/26/26	
<i>Surrogate: n-Nonane</i>						
	87.2 %	69-135		05/26/26	05/26/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2622012	
Chloride	61.1	20.0	1	05/26/26	05/26/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

MFS22

E605233-49

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2622002	
Benzene	ND	0.0250	1	05/26/26	05/26/26	
Ethylbenzene	ND	0.0250	1	05/26/26	05/26/26	
Toluene	ND	0.0250	1	05/26/26	05/26/26	
o-Xylene	ND	0.0250	1	05/26/26	05/26/26	
p,m-Xylene	ND	0.0500	1	05/26/26	05/26/26	
Total Xylenes	ND	0.0250	1	05/26/26	05/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2622002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/26	05/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.0 %	70-130	05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2622005	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/27/26	
<i>Surrogate: n-Nonane</i>						
		88.1 %	69-135	05/26/26	05/27/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2622012	
Chloride	61.2	20.0	1	05/26/26	05/26/26	



Sample Data

Hilcorp Energy Co	Project Name:	Cole A 1E	Reported: 5/27/2026 5:47:40PM
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	

MFS23

E605233-50

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2622002	
Benzene	ND	0.0250	1	05/26/26	05/26/26	
Ethylbenzene	ND	0.0250	1	05/26/26	05/26/26	
Toluene	ND	0.0250	1	05/26/26	05/26/26	
o-Xylene	ND	0.0250	1	05/26/26	05/26/26	
p,m-Xylene	ND	0.0500	1	05/26/26	05/26/26	
Total Xylenes	ND	0.0250	1	05/26/26	05/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2622002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/26	05/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.0 %	70-130	05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2622005	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/27/26	
<i>Surrogate: n-Nonane</i>						
		87.9 %	69-135	05/26/26	05/27/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2622012	
Chloride	59.9	20.0	1	05/26/26	05/26/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

MFS24

E605233-51

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2622002
Benzene	ND	0.0250	1	05/26/26	05/26/26	
Ethylbenzene	ND	0.0250	1	05/26/26	05/26/26	
Toluene	ND	0.0250	1	05/26/26	05/26/26	
o-Xylene	ND	0.0250	1	05/26/26	05/26/26	
p,m-Xylene	ND	0.0500	1	05/26/26	05/26/26	
Total Xylenes	ND	0.0250	1	05/26/26	05/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2622002
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/26	05/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.7 %	70-130	05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2622005
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/27/26	
<i>Surrogate: n-Nonane</i>						
		88.1 %	69-135	05/26/26	05/27/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2622012
Chloride	61.8	20.0	1	05/26/26	05/26/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

TSW01

E605233-52

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2622002
Benzene	ND	0.0250	1	05/26/26	05/26/26	
Ethylbenzene	ND	0.0250	1	05/26/26	05/26/26	
Toluene	ND	0.0250	1	05/26/26	05/26/26	
o-Xylene	ND	0.0250	1	05/26/26	05/26/26	
p,m-Xylene	ND	0.0500	1	05/26/26	05/26/26	
Total Xylenes	ND	0.0250	1	05/26/26	05/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2622002
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/26	05/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.4 %	70-130	05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2622005
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/27/26	
<i>Surrogate: n-Nonane</i>						
		86.8 %	69-135	05/26/26	05/27/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2622012
Chloride	60.8	20.0	1	05/26/26	05/26/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

TSW02

E605233-53

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2622002
Benzene	ND	0.0250	1	05/26/26	05/26/26	
Ethylbenzene	ND	0.0250	1	05/26/26	05/26/26	
Toluene	ND	0.0250	1	05/26/26	05/26/26	
o-Xylene	ND	0.0250	1	05/26/26	05/26/26	
p,m-Xylene	ND	0.0500	1	05/26/26	05/26/26	
Total Xylenes	ND	0.0250	1	05/26/26	05/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2622002
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/26	05/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		86.4 %	70-130	05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2622005
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/27/26	
<i>Surrogate: n-Nonane</i>						
		88.1 %	69-135	05/26/26	05/27/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2622012
Chloride	60.1	20.0	1	05/26/26	05/26/26	



Sample Data

Hilcorp Energy Co	Project Name:	Cole A 1E	Reported: 5/27/2026 5:47:40PM
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	

TSW03
E605233-54

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2622002	
Benzene	ND	0.0250	1	05/26/26	05/26/26	
Ethylbenzene	ND	0.0250	1	05/26/26	05/26/26	
Toluene	ND	0.0250	1	05/26/26	05/26/26	
o-Xylene	ND	0.0250	1	05/26/26	05/26/26	
p,m-Xylene	ND	0.0500	1	05/26/26	05/26/26	
Total Xylenes	ND	0.0250	1	05/26/26	05/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2622002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/26	05/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.9 %	70-130	05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2622005	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/27/26	
<i>Surrogate: n-Nonane</i>						
		88.1 %	69-135	05/26/26	05/27/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2622012	
Chloride	60.6	20.0	1	05/26/26	05/26/26	



Sample Data

Hilcorp Energy Co	Project Name:	Cole A 1E	Reported: 5/27/2026 5:47:40PM
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	

TSW04
E605233-55

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2622002	
Benzene	ND	0.0250	1	05/26/26	05/26/26	
Ethylbenzene	ND	0.0250	1	05/26/26	05/26/26	
Toluene	ND	0.0250	1	05/26/26	05/26/26	
o-Xylene	ND	0.0250	1	05/26/26	05/26/26	
p,m-Xylene	ND	0.0500	1	05/26/26	05/26/26	
Total Xylenes	ND	0.0250	1	05/26/26	05/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	100 %	70-130		05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2622002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/26	05/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	85.6 %	70-130		05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2622005	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/27/26	
<i>Surrogate: n-Nonane</i>						
	90.0 %	69-135		05/26/26	05/27/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2622012	
Chloride	66.3	20.0	1	05/26/26	05/26/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

TSW05

E605233-56

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2622002	
Benzene	ND	0.0250	1	05/26/26	05/26/26	
Ethylbenzene	ND	0.0250	1	05/26/26	05/26/26	
Toluene	ND	0.0250	1	05/26/26	05/26/26	
o-Xylene	ND	0.0250	1	05/26/26	05/26/26	
p,m-Xylene	ND	0.0500	1	05/26/26	05/26/26	
Total Xylenes	ND	0.0250	1	05/26/26	05/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2622002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/26	05/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.3 %	70-130	05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2622005	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/27/26	
<i>Surrogate: n-Nonane</i>						
		88.0 %	69-135	05/26/26	05/27/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2622012	
Chloride	65.4	20.0	1	05/26/26	05/26/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

TSW06

E605233-57

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2622002
Benzene	ND	0.0250	1	05/26/26	05/26/26	
Ethylbenzene	ND	0.0250	1	05/26/26	05/26/26	
Toluene	ND	0.0250	1	05/26/26	05/26/26	
o-Xylene	ND	0.0250	1	05/26/26	05/26/26	
p,m-Xylene	ND	0.0500	1	05/26/26	05/26/26	
Total Xylenes	ND	0.0250	1	05/26/26	05/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2622002
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/26	05/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.5 %	70-130	05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2622005
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/27/26	
<i>Surrogate: n-Nonane</i>						
		88.1 %	69-135	05/26/26	05/27/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2622012
Chloride	60.4	20.0	1	05/26/26	05/26/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

TSW07

E605233-58

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2622002	
Benzene	ND	0.0250	1	05/26/26	05/27/26	
Ethylbenzene	ND	0.0250	1	05/26/26	05/27/26	
Toluene	ND	0.0250	1	05/26/26	05/27/26	
o-Xylene	ND	0.0250	1	05/26/26	05/27/26	
p,m-Xylene	ND	0.0500	1	05/26/26	05/27/26	
Total Xylenes	ND	0.0250	1	05/26/26	05/27/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	102 %	70-130		05/26/26	05/27/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2622002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/26	05/27/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.7 %	70-130		05/26/26	05/27/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2622005	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/27/26	
<i>Surrogate: n-Nonane</i>						
	92.3 %	69-135		05/26/26	05/27/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2622012	
Chloride	61.5	20.0	1	05/26/26	05/26/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

TSW08

E605233-59

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2622002
Benzene	ND	0.0250	1	05/26/26	05/27/26	
Ethylbenzene	ND	0.0250	1	05/26/26	05/27/26	
Toluene	ND	0.0250	1	05/26/26	05/27/26	
o-Xylene	ND	0.0250	1	05/26/26	05/27/26	
p,m-Xylene	ND	0.0500	1	05/26/26	05/27/26	
Total Xylenes	ND	0.0250	1	05/26/26	05/27/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	05/26/26	05/27/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2622002
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/26	05/27/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.4 %	70-130	05/26/26	05/27/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2622005
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/27/26	
<i>Surrogate: n-Nonane</i>						
		105 %	69-135	05/26/26	05/27/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2622012
Chloride	63.1	20.0	1	05/26/26	05/26/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

TSW09

E605233-60

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2622002
Benzene	ND	0.0250	1	05/26/26	05/27/26	
Ethylbenzene	ND	0.0250	1	05/26/26	05/27/26	
Toluene	ND	0.0250	1	05/26/26	05/27/26	
o-Xylene	ND	0.0250	1	05/26/26	05/27/26	
p,m-Xylene	ND	0.0500	1	05/26/26	05/27/26	
Total Xylenes	ND	0.0250	1	05/26/26	05/27/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	05/26/26	05/27/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2622002
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/26	05/27/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.3 %	70-130	05/26/26	05/27/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2622005
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/27/26	
<i>Surrogate: n-Nonane</i>						
		90.3 %	69-135	05/26/26	05/27/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2622012
Chloride	61.0	20.0	1	05/26/26	05/26/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

TSW10

E605233-61

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2622008
Benzene	ND	0.0250	1	05/26/26	05/26/26	
Ethylbenzene	ND	0.0250	1	05/26/26	05/26/26	
Toluene	ND	0.0250	1	05/26/26	05/26/26	
o-Xylene	ND	0.0250	1	05/26/26	05/26/26	
p,m-Xylene	ND	0.0500	1	05/26/26	05/26/26	
Total Xylenes	ND	0.0250	1	05/26/26	05/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2622008
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/26	05/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		118 %	70-130	05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2622007
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/27/26	
<i>Surrogate: n-Nonane</i>						
		88.3 %	69-135	05/26/26	05/27/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2622016
Chloride	63.1	20.0	1	05/26/26	05/27/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

TSW11

E605233-62

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2622008	
Benzene	ND	0.0250	1	05/26/26	05/26/26	
Ethylbenzene	ND	0.0250	1	05/26/26	05/26/26	
Toluene	ND	0.0250	1	05/26/26	05/26/26	
o-Xylene	ND	0.0250	1	05/26/26	05/26/26	
p,m-Xylene	ND	0.0500	1	05/26/26	05/26/26	
Total Xylenes	ND	0.0250	1	05/26/26	05/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2622008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/26	05/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		117 %	70-130	05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2622007	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/27/26	
<i>Surrogate: n-Nonane</i>						
		90.4 %	69-135	05/26/26	05/27/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2622016	
Chloride	67.2	20.0	1	05/26/26	05/27/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

TSW12

E605233-63

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2622008	
Benzene	ND	0.0250	1	05/26/26	05/26/26	
Ethylbenzene	ND	0.0250	1	05/26/26	05/26/26	
Toluene	ND	0.0250	1	05/26/26	05/26/26	
o-Xylene	ND	0.0250	1	05/26/26	05/26/26	
p,m-Xylene	ND	0.0500	1	05/26/26	05/26/26	
Total Xylenes	ND	0.0250	1	05/26/26	05/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2622008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/26	05/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		118 %	70-130	05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2622007	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/27/26	
<i>Surrogate: n-Nonane</i>						
		92.0 %	69-135	05/26/26	05/27/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2622016	
Chloride	64.5	20.0	1	05/26/26	05/27/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

RFS01

E605233-64

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2622008
Benzene	ND	0.0250	1	05/26/26	05/26/26	
Ethylbenzene	ND	0.0250	1	05/26/26	05/26/26	
Toluene	ND	0.0250	1	05/26/26	05/26/26	
o-Xylene	ND	0.0250	1	05/26/26	05/26/26	
p,m-Xylene	ND	0.0500	1	05/26/26	05/26/26	
Total Xylenes	ND	0.0250	1	05/26/26	05/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2622008
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/26	05/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		118 %	70-130	05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2622007
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/27/26	
<i>Surrogate: n-Nonane</i>						
		91.3 %	69-135	05/26/26	05/27/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2622016
Chloride	65.7	20.0	1	05/26/26	05/27/26	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: Cole A 1E
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
5/27/2026 5:47:40PM

RFS02

E605233-65

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2622008	
Benzene	ND	0.0250	1	05/26/26	05/26/26	
Ethylbenzene	ND	0.0250	1	05/26/26	05/26/26	
Toluene	ND	0.0250	1	05/26/26	05/26/26	
o-Xylene	ND	0.0250	1	05/26/26	05/26/26	
p,m-Xylene	ND	0.0500	1	05/26/26	05/26/26	
Total Xylenes	ND	0.0250	1	05/26/26	05/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2622008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/26	05/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		117 %	70-130	05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2622007	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/27/26	
<i>Surrogate: n-Nonane</i>						
		90.8 %	69-135	05/26/26	05/27/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2622016	
Chloride	61.9	20.0	1	05/26/26	05/27/26	



Sample Data

Hilcorp Energy Co	Project Name:	Cole A 1E	Reported: 5/27/2026 5:47:40PM
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	

RFS03
E605233-66

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2622008	
Benzene	ND	0.0250	1	05/26/26	05/26/26	
Ethylbenzene	ND	0.0250	1	05/26/26	05/26/26	
Toluene	ND	0.0250	1	05/26/26	05/26/26	
o-Xylene	ND	0.0250	1	05/26/26	05/26/26	
p,m-Xylene	ND	0.0500	1	05/26/26	05/26/26	
Total Xylenes	ND	0.0250	1	05/26/26	05/26/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2622008	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/26	05/26/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		116 %	70-130	05/26/26	05/26/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2622007	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/26	05/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/26	05/27/26	
<i>Surrogate: n-Nonane</i>						
		92.1 %	69-135	05/26/26	05/27/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2622016	
Chloride	65.3	20.0	1	05/26/26	05/27/26	



QC Summary Data

Hilcorp Energy Co	Project Name:	Cole A 1E	Reported:
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	5/27/2026 5:47:40PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2621143-BLK1) Prepared: 05/22/26 Analyzed: 05/23/26

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.49		8.00		93.6	70-130			

LCS (2621143-BS1) Prepared: 05/22/26 Analyzed: 05/23/26

Benzene	4.50	0.0250	5.00		90.0	70-130			
Ethylbenzene	4.31	0.0250	5.00		86.3	70-130			
Toluene	4.45	0.0250	5.00		89.0	70-130			
o-Xylene	4.27	0.0250	5.00		85.5	70-130			
p,m-Xylene	8.72	0.0500	10.0		87.2	70-130			
Total Xylenes	13.0	0.0250	15.0		86.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.59		8.00		94.9	70-130			

Matrix Spike (2621143-MS1) Source: E605233-03 Prepared: 05/22/26 Analyzed: 05/23/26

Benzene	3.95	0.0250	5.00	ND	78.9	70-130			
Ethylbenzene	3.76	0.0250	5.00	ND	75.2	70-130			
Toluene	3.90	0.0250	5.00	ND	78.0	70-130			
o-Xylene	3.80	0.0250	5.00	ND	76.0	70-130			
p,m-Xylene	7.64	0.0500	10.0	ND	76.4	70-130			
Total Xylenes	11.4	0.0250	15.0	ND	76.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.56		8.00		94.5	70-130			

Matrix Spike Dup (2621143-MSD1) Source: E605233-03 Prepared: 05/22/26 Analyzed: 05/23/26

Benzene	4.48	0.0250	5.00	ND	89.6	70-130	12.7	20	
Ethylbenzene	4.29	0.0250	5.00	ND	85.7	70-130	13.1	20	
Toluene	4.42	0.0250	5.00	ND	88.4	70-130	12.6	20	
o-Xylene	4.26	0.0250	5.00	ND	85.2	70-130	11.4	20	
p,m-Xylene	8.67	0.0500	10.0	ND	86.7	70-130	12.6	20	
Total Xylenes	12.9	0.0250	15.0	ND	86.2	70-130	12.2	20	
Surrogate: 4-Bromochlorobenzene-PID	7.60		8.00		95.0	70-130			



QC Summary Data

Hilcorp Energy Co	Project Name:	Cole A 1E	Reported:
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	5/27/2026 5:47:40PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2621144-BLK1)

Prepared: 05/22/26 Analyzed: 05/24/26

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.87		8.00		98.4	70-130			

LCS (2621144-BS1)

Prepared: 05/22/26 Analyzed: 05/24/26

Benzene	4.40	0.0250	5.00		87.9	70-130			
Ethylbenzene	4.38	0.0250	5.00		87.7	70-130			
Toluene	4.39	0.0250	5.00		87.8	70-130			
o-Xylene	4.37	0.0250	5.00		87.4	70-130			
p,m-Xylene	8.91	0.0500	10.0		89.1	70-130			
Total Xylenes	13.3	0.0250	15.0		88.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.81		8.00		97.6	70-130			

Matrix Spike (2621144-MS1)

Source: E605233-30

Prepared: 05/22/26 Analyzed: 05/24/26

Benzene	4.82	0.0250	5.00	ND	96.3	70-130			
Ethylbenzene	4.79	0.0250	5.00	ND	95.8	70-130			
Toluene	4.81	0.0250	5.00	ND	96.1	70-130			
o-Xylene	4.79	0.0250	5.00	ND	95.8	70-130			
p,m-Xylene	9.71	0.0500	10.0	ND	97.1	70-130			
Total Xylenes	14.5	0.0250	15.0	ND	96.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.10		8.00		101	70-130			

Matrix Spike Dup (2621144-MSD1)

Source: E605233-30

Prepared: 05/22/26 Analyzed: 05/24/26

Benzene	4.74	0.0250	5.00	ND	94.8	70-130	1.57	20	
Ethylbenzene	4.76	0.0250	5.00	ND	95.1	70-130	0.721	20	
Toluene	4.75	0.0250	5.00	ND	94.9	70-130	1.26	20	
o-Xylene	4.73	0.0250	5.00	ND	94.7	70-130	1.19	20	
p,m-Xylene	9.64	0.0500	10.0	ND	96.4	70-130	0.743	20	
Total Xylenes	14.4	0.0250	15.0	ND	95.8	70-130	0.889	20	
Surrogate: 4-Bromochlorobenzene-PID	7.99		8.00		99.9	70-130			



QC Summary Data

Hilcorp Energy Co	Project Name:	Cole A 1E	Reported:
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	5/27/2026 5:47:40PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2622002-BLK1)

Prepared: 05/26/26 Analyzed: 05/26/26

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.80		8.00		97.5	70-130			

LCS (2622002-BS1)

Prepared: 05/26/26 Analyzed: 05/26/26

Benzene	4.63	0.0250	5.00		92.6	70-130			
Ethylbenzene	4.50	0.0250	5.00		89.9	70-130			
Toluene	4.56	0.0250	5.00		91.2	70-130			
o-Xylene	4.48	0.0250	5.00		89.6	70-130			
p,m-Xylene	9.06	0.0500	10.0		90.6	70-130			
Total Xylenes	13.5	0.0250	15.0		90.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.06		8.00		101	70-130			

Matrix Spike (2622002-MS1)

Source: E605233-52

Prepared: 05/26/26 Analyzed: 05/26/26

Benzene	4.69	0.0250	5.00	ND	93.8	70-130			
Ethylbenzene	4.56	0.0250	5.00	ND	91.2	70-130			
Toluene	4.62	0.0250	5.00	ND	92.4	70-130			
o-Xylene	4.53	0.0250	5.00	ND	90.6	70-130			
p,m-Xylene	9.16	0.0500	10.0	ND	91.6	70-130			
Total Xylenes	13.7	0.0250	15.0	ND	91.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.95		8.00		99.4	70-130			

Matrix Spike Dup (2622002-MSD1)

Source: E605233-52

Prepared: 05/26/26 Analyzed: 05/26/26

Benzene	5.18	0.0250	5.00	ND	104	70-130	9.86	20	
Ethylbenzene	5.04	0.0250	5.00	ND	101	70-130	9.96	20	
Toluene	5.10	0.0250	5.00	ND	102	70-130	9.89	20	
o-Xylene	5.01	0.0250	5.00	ND	100	70-130	10.2	20	
p,m-Xylene	10.1	0.0500	10.0	ND	101	70-130	10.1	20	
Total Xylenes	15.1	0.0250	15.0	ND	101	70-130	10.1	20	
Surrogate: 4-Bromochlorobenzene-PID	8.01		8.00		100	70-130			



QC Summary Data

Hilcorp Energy Co	Project Name:	Cole A 1E	Reported:
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	5/27/2026 5:47:40PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2622008-BLK1)

Prepared: 05/26/26 Analyzed: 05/26/26

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.54		8.00		94.2	70-130			

LCS (2622008-BS1)

Prepared: 05/26/26 Analyzed: 05/26/26

Benzene	4.59	0.0250	5.00		91.9	70-130			
Ethylbenzene	4.47	0.0250	5.00		89.4	70-130			
Toluene	4.57	0.0250	5.00		91.5	70-130			
o-Xylene	4.47	0.0250	5.00		89.3	70-130			
p,m-Xylene	9.05	0.0500	10.0		90.5	70-130			
Total Xylenes	13.5	0.0250	15.0		90.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.11		8.00		101	70-130			

Matrix Spike (2622008-MS1)

Source: E605228-08

Prepared: 05/26/26 Analyzed: 05/26/26

Benzene	4.54	0.0250	5.00	ND	90.8	70-130			
Ethylbenzene	4.38	0.0250	5.00	ND	87.6	70-130			
Toluene	4.51	0.0250	5.00	ND	90.1	70-130			
o-Xylene	4.38	0.0250	5.00	ND	87.7	70-130			
p,m-Xylene	8.88	0.0500	10.0	ND	88.8	70-130			
Total Xylenes	13.3	0.0250	15.0	ND	88.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.13		8.00		102	70-130			

Matrix Spike Dup (2622008-MSD1)

Source: E605228-08

Prepared: 05/26/26 Analyzed: 05/26/26

Benzene	4.10	0.0250	5.00	ND	82.0	70-130	10.1	20	
Ethylbenzene	3.99	0.0250	5.00	ND	79.7	70-130	9.47	20	
Toluene	4.08	0.0250	5.00	ND	81.6	70-130	9.96	20	
o-Xylene	3.99	0.0250	5.00	ND	79.7	70-130	9.46	20	
p,m-Xylene	8.10	0.0500	10.0	ND	81.0	70-130	9.19	20	
Total Xylenes	12.1	0.0250	15.0	ND	80.6	70-130	9.28	20	
Surrogate: 4-Bromochlorobenzene-PID	8.22		8.00		103	70-130			



QC Summary Data

Hilcorp Energy Co	Project Name:	Cole A 1E	Reported:
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	5/27/2026 5:47:40PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2621143-BLK1) Prepared: 05/22/26 Analyzed: 05/23/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.10		8.00		114	70-130			

LCS (2621143-BS2) Prepared: 05/22/26 Analyzed: 05/23/26

Gasoline Range Organics (C6-C10)	51.5	20.0	50.0		103	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.13		8.00		114	70-130			

Matrix Spike (2621143-MS2) Source: E605233-03 Prepared: 05/22/26 Analyzed: 05/23/26

Gasoline Range Organics (C6-C10)	43.3	20.0	50.0	ND	86.5	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.12		8.00		114	70-130			

Matrix Spike Dup (2621143-MSD2) Source: E605233-03 Prepared: 05/22/26 Analyzed: 05/23/26

Gasoline Range Organics (C6-C10)	49.9	20.0	50.0	ND	99.9	60-137	14.3	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.14		8.00		114	70-130			



QC Summary Data

Hilcorp Energy Co	Project Name:	Cole A 1E	Reported:
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	5/27/2026 5:47:40PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2621144-BLK1) Prepared: 05/22/26 Analyzed: 05/24/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.11		8.00		88.9	70-130			

LCS (2621144-BS2) Prepared: 05/22/26 Analyzed: 05/24/26

Gasoline Range Organics (C6-C10)	45.9	20.0	50.0		91.8	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.10		8.00		88.8	70-130			

Matrix Spike (2621144-MS2) Source: E605233-30 Prepared: 05/22/26 Analyzed: 05/24/26

Gasoline Range Organics (C6-C10)	47.8	20.0	50.0	ND	95.7	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.11		8.00		88.9	70-130			

Matrix Spike Dup (2621144-MSD2) Source: E605233-30 Prepared: 05/22/26 Analyzed: 05/24/26

Gasoline Range Organics (C6-C10)	48.3	20.0	50.0	ND	96.6	60-137	0.952	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.02		8.00		87.7	70-130			



QC Summary Data

Hilcorp Energy Co	Project Name:	Cole A 1E	Reported:
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	5/27/2026 5:47:40PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2622002-BLK1) Prepared: 05/26/26 Analyzed: 05/26/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.26		8.00		90.7	70-130			

LCS (2622002-BS2) Prepared: 05/26/26 Analyzed: 05/26/26

Gasoline Range Organics (C6-C10)	47.5	20.0	50.0		94.9	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.20		8.00		90.0	70-130			

Matrix Spike (2622002-MS2) Source: E605233-52 Prepared: 05/26/26 Analyzed: 05/26/26

Gasoline Range Organics (C6-C10)	49.4	20.0	50.0	ND	98.9	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.14		8.00		89.3	70-130			

Matrix Spike Dup (2622002-MSD2) Source: E605233-52 Prepared: 05/26/26 Analyzed: 05/26/26

Gasoline Range Organics (C6-C10)	47.2	20.0	50.0	ND	94.4	60-137	4.59	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.31		8.00		91.4	70-130			



QC Summary Data

Hilcorp Energy Co	Project Name:	Cole A 1E	Reported:
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	5/27/2026 5:47:40PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2622008-BLK1) Prepared: 05/26/26 Analyzed: 05/26/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.35		8.00		117	70-130			

LCS (2622008-BS2) Prepared: 05/26/26 Analyzed: 05/26/26

Gasoline Range Organics (C6-C10)	55.0	20.0	50.0		110	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.47		8.00		118	70-130			

Matrix Spike (2622008-MS2) Source: E605228-08 Prepared: 05/26/26 Analyzed: 05/26/26

Gasoline Range Organics (C6-C10)	53.3	20.0	50.0	ND	107	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.40		8.00		117	70-130			

Matrix Spike Dup (2622008-MSD2) Source: E605228-08 Prepared: 05/26/26 Analyzed: 05/26/26

Gasoline Range Organics (C6-C10)	56.9	20.0	50.0	ND	114	60-137	6.69	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.41		8.00		118	70-130			



QC Summary Data

Hilcorp Energy Co	Project Name:	Cole A 1E	Reported:
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	5/27/2026 5:47:40PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2622001-BLK1)					Prepared: 05/26/26 Analyzed: 05/26/26				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	41.3		50.0		82.6	69-135			

LCS (2622001-BS1)					Prepared: 05/26/26 Analyzed: 05/26/26				
Diesel Range Organics (C10-C28)	237	25.0	250		94.6	70-131			
Surrogate: n-Nonane	42.6		50.0		85.1	69-135			

Matrix Spike (2622001-MS1)					Source: E605233-08		Prepared: 05/26/26 Analyzed: 05/26/26		
Diesel Range Organics (C10-C28)	245	25.0	250	ND	98.1	62-151			
Surrogate: n-Nonane	42.9		50.0		85.7	69-135			

Matrix Spike Dup (2622001-MSD1)					Source: E605233-08		Prepared: 05/26/26 Analyzed: 05/26/26		
Diesel Range Organics (C10-C28)	243	25.0	250	ND	97.1	62-151	0.996	20	
Surrogate: n-Nonane	41.4		50.0		82.8	69-135			



QC Summary Data

Hilcorp Energy Co	Project Name:	Cole A 1E	Reported:
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	5/27/2026 5:47:40PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2622003-BLK1)					Prepared: 05/26/26 Analyzed: 05/26/26				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.9		50.0		102	69-135			

LCS (2622003-BS1)					Prepared: 05/26/26 Analyzed: 05/26/26				
Diesel Range Organics (C10-C28)	249	25.0	250		99.5	70-131			
Surrogate: n-Nonane	49.6		50.0		99.3	69-135			

Matrix Spike (2622003-MS1)					Source: E605233-34		Prepared: 05/26/26 Analyzed: 05/26/26		
Diesel Range Organics (C10-C28)	254	25.0	250	ND	102	62-151			
Surrogate: n-Nonane	50.3		50.0		101	69-135			

Matrix Spike Dup (2622003-MSD1)					Source: E605233-34		Prepared: 05/26/26 Analyzed: 05/26/26		
Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.8	62-151	2.88	20	
Surrogate: n-Nonane	48.7		50.0		97.4	69-135			



QC Summary Data

Hilcorp Energy Co	Project Name:	Cole A 1E	Reported:
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	5/27/2026 5:47:40PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2622005-BLK1)					Prepared: 05/26/26 Analyzed: 05/26/26				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	40.3		50.0		80.6	69-135			

LCS (2622005-BS1)					Prepared: 05/26/26 Analyzed: 05/26/26				
Diesel Range Organics (C10-C28)	229	25.0	250		91.5	70-131			
Surrogate: n-Nonane	39.9		50.0		79.9	69-135			

Matrix Spike (2622005-MS1)					Source: E605233-46		Prepared: 05/26/26 Analyzed: 05/26/26		
Diesel Range Organics (C10-C28)	241	25.0	250	ND	96.6	62-151			
Surrogate: n-Nonane	41.8		50.0		83.6	69-135			

Matrix Spike Dup (2622005-MSD1)					Source: E605233-46		Prepared: 05/26/26 Analyzed: 05/26/26		
Diesel Range Organics (C10-C28)	238	25.0	250	ND	95.0	62-151	1.63	20	
Surrogate: n-Nonane	41.5		50.0		83.1	69-135			



QC Summary Data

Hilcorp Energy Co	Project Name:	Cole A 1E	Reported:
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	5/27/2026 5:47:40PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2622007-BLK1)					Prepared: 05/26/26 Analyzed: 05/26/26				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.2		50.0		86.3	69-135			

LCS (2622007-BS1)					Prepared: 05/26/26 Analyzed: 05/26/26				
Diesel Range Organics (C10-C28)	248	25.0	250		99.1	70-131			
Surrogate: n-Nonane	41.4		50.0		82.7	69-135			

Matrix Spike (2622007-MS1)					Source: E605224-07		Prepared: 05/26/26 Analyzed: 05/26/26		
Diesel Range Organics (C10-C28)	915	25.0	250	489	170	62-151			M2
Surrogate: n-Nonane	41.0		50.0		82.0	69-135			

Matrix Spike Dup (2622007-MSD1)					Source: E605224-07		Prepared: 05/26/26 Analyzed: 05/26/26		
Diesel Range Organics (C10-C28)	705	25.0	250	489	86.3	62-151	25.9	20	R3
Surrogate: n-Nonane	42.2		50.0		84.5	69-135			



QC Summary Data

Hilcorp Energy Co	Project Name:	Cole A 1E	Reported:
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	5/27/2026 5:47:40PM

Anions by EPA 300.0/9056A

Analyst: IY

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

Blank (2622006-BLK1)					Prepared: 05/26/26 Analyzed: 05/26/26				
Chloride	ND	20.0							
LCS (2622006-BS1)					Prepared: 05/26/26 Analyzed: 05/26/26				
Chloride	273	20.0	250		109	90-110			
Matrix Spike (2622006-MS1)					Source: E605233-04		Prepared: 05/26/26 Analyzed: 05/26/26		
Chloride	382	40.0	250	119	105	80-120			
Matrix Spike Dup (2622006-MSD1)					Source: E605233-04		Prepared: 05/26/26 Analyzed: 05/26/26		
Chloride	411	40.0	250	119	117	80-120	7.43	20	



QC Summary Data

Hilcorp Energy Co	Project Name:	Cole A 1E	Reported:
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	5/27/2026 5:47:40PM

Anions by EPA 300.0/9056A

Analyst: RAS

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

Blank (2622011-BLK1)					Prepared: 05/26/26 Analyzed: 05/27/26				
Chloride	ND	20.0							
LCS (2622011-BS1)					Prepared: 05/26/26 Analyzed: 05/27/26				
Chloride	261	20.0	250		104	90-110			
Matrix Spike (2622011-MS1)					Source: E605233-27		Prepared: 05/26/26 Analyzed: 05/27/26		
Chloride	329	20.0	250	65.7	105	80-120			
Matrix Spike Dup (2622011-MSD1)					Source: E605233-27		Prepared: 05/26/26 Analyzed: 05/27/26		
Chloride	329	20.0	250	65.7	105	80-120	0.0149	20	



QC Summary Data

Hilcorp Energy Co	Project Name:	Cole A 1E	Reported:
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	5/27/2026 5:47:40PM

Anions by EPA 300.0/9056A

Analyst: IY

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

Blank (2622012-BLK1)					Prepared: 05/26/26 Analyzed: 05/26/26				
Chloride	ND	20.0							
LCS (2622012-BS1)					Prepared: 05/26/26 Analyzed: 05/26/26				
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2622012-MS1)					Source: E605233-47		Prepared: 05/26/26 Analyzed: 05/26/26		
Chloride	323	20.0	250	63.0	104	80-120			
Matrix Spike Dup (2622012-MSD1)					Source: E605233-47		Prepared: 05/26/26 Analyzed: 05/26/26		
Chloride	319	20.0	250	63.0	102	80-120	1.36	20	



QC Summary Data

Hilcorp Energy Co	Project Name:	Cole A 1E	Reported:
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	5/27/2026 5:47:40PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2622016-BLK1)					Prepared: 05/26/26 Analyzed: 05/27/26				
Chloride	ND	20.0							
LCS (2622016-BS1)					Prepared: 05/26/26 Analyzed: 05/27/26				
Chloride	261	20.0	250		104	90-110			
Matrix Spike (2622016-MS1)					Source: E605233-64		Prepared: 05/26/26 Analyzed: 05/27/26		
Chloride	335	20.0	250	65.7	108	80-120			
Matrix Spike Dup (2622016-MSD1)					Source: E605233-64		Prepared: 05/26/26 Analyzed: 05/27/26		
Chloride	333	20.0	250	65.7	107	80-120	0.481	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:	Cole A 1E	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Kate Kaufman	05/27/26 17:47

- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- R3 The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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



Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State																							
Client: <u>Hilcorp</u>				Company: _____				Lab WO# <u>EL05233</u>				Job Number <u>17051.0002</u>				<table border="1"> <tr> <td>1D</td> <td>2D</td> <td>3D</td> <td>Std</td> </tr> <tr> <td></td> <td>X</td> <td></td> <td></td> </tr> </table>				1D	2D	3D	Std		X			<table border="1"> <tr> <td>NM</td> <td>CO</td> <td>UT</td> <td>TX</td> </tr> <tr> <td>X</td> <td></td> <td></td> <td></td> </tr> </table>				NM	CO	UT	TX	X			
1D	2D	3D	Std																																				
	X																																						
NM	CO	UT	TX																																				
X																																							
Project Name: <u>Cole A IE</u>				Address: _____																																			
Project Manager: <u>Kate Kaufman</u>				City, State, Zip: _____																																			
Address: _____				Phone: _____																																			
City, State, Zip: _____				Email: _____																																			
Phone: _____				Miscellaneous: _____																																			
Email: <u>KKaufman@hilcorp.com</u>																																							
Sample Information												Analysis and Method								EPA Program																			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA																				
																	Compliance	Y	or	N																			
																	PWSID #																						
																	Sample Temp			Remarks																			
<u>11:00</u>	<u>5/22</u>	<u>soil</u>	<u>1</u>	<u>BFS01</u>			<u>1</u>	X	X	X		X					<u>5.0</u>																						
<u>11:03</u>				<u>BFS02</u>			<u>2</u>										<u>5.2</u>																						
<u>11:06</u>				<u>BSW01</u>			<u>3</u>										<u>4.9</u>																						
<u>11:09</u>				<u>BSW02</u>			<u>4</u>										<u>4.9</u>																						
<u>11:12</u>				<u>BSW03</u>			<u>5</u>										<u>4.6</u>																						
<u>11:15</u>				<u>BSW04</u>			<u>6</u>										<u>5.1</u>																						
<u>11:18</u>				<u>BSW05</u>			<u>7</u>										<u>5.0</u>																						
<u>11:21</u>				<u>MSW01</u>			<u>8</u>										<u>5.2</u>																						
<u>11:24</u>				<u>MSW02</u>			<u>9</u>										<u>4.6</u>																						
<u>11:27</u>				<u>MSW03</u>			<u>10</u>										<u>4.8</u>																						
Additional Instructions: <u>cc: Shyde@ensolum.com ecarroll@ensolum.com</u>																																							
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: <u>Ecarroll</u>																																							
Relinquished by: (Signature) <u>Ecarroll</u>				Date <u>5/22</u>		Time <u>1430</u>		Received by: (Signature) <u>Carth Mann</u>				Date <u>5.22.26</u>		Time <u>1430</u>		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: <u>Y</u> N																							
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time																									
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time																									
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time																									
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time																									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																																							
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																																							
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																																							

Chain of Custody

Client Information				Invoice Information		Lab Use Only		TAT		State								
Client: <u>Hilcorp</u>				Company: _____		Lab WO# <u>E005233</u>		Job Number <u>17051-0002</u>		1D	2D	3D	Std	NM	CO	UT	TX	
Project Name: <u>CDIE A IE</u>				Address: _____							☒			☒				
Project Manager: <u>Kate Kaufman</u>				City, State, Zip: _____														
Address: _____				Phone: _____														
City, State, Zip: _____				Email: _____														
Phone: _____				Miscellaneous: _____														
Email: <u>Kkaufman@hilcorp.com</u>																		
Sample Information										Analysis and Method				EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	SGDOC - NM	SGDOC - TX	SDWA	CWA	RCRA
1130	5/22	soil	1	MSW04		11	X	X	X		X							
1133				MSW05		12												
1136				MSW06		13												
1139				MSW07		14												
1142				MSW08		15												
1145				MSW09		16												
1148				MSW10		17												
1151				MSW11		18												
1154				MSW12		19												
1157				MSW13		20												
Additional Instructions: <u>cc: Shyde@ensdum.com ecarroile@ensdum.com</u>																		
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: <u>Eric Carroll</u>																		
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						
<u>Eric Carroll</u>		5/22		1430		<u>Carroll</u>		5.22.20		1430								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time								
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																		
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																		
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																		

Chain of Custody

Client Information				Invoice Information		Lab Use Only		TAT		State										
Client: <u>Hilcorp</u>				Company: _____		Lab WO# <u>E605233</u>		Job Number <u>17051002</u>		1D	2D	3D	Std	NM	CO	UT	TX			
Project Name: <u>COLE A IE</u>				Address: _____							☒			☒						
Project Manager: <u>Kate Kaufman</u>				City, State, Zip: _____																
Address: _____				Phone: _____																
City, State, Zip: _____				Email: _____																
Phone: _____				Miscellaneous: _____																
Email: <u>kkaufman@hilcorp.com</u>																				
Sample Information										Analysis and Method				EPA Program						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA		
																	Compliance	Y	or	N
																	PWSID #			
																	Sample Temp		Remarks	
1200	5/12	Soil	1	MSW14		21	X	X	X		X						4.6			
1203				MSW15		22											4.8			
1206				MSW16		23											5.0			
1209				MSW17		24											5.0			
1212				MSW18		25											4.9			
1215				MSW19		26											4.8			
1218				MSW20		27											4.6			
1221				MFS01		28											4.5			
1224				MFS02		29											5.1			
1227				MFS03		30											5.2			
Additional Instructions: <u>cc: shydee@ensolum.com ecarroll@ensolum.com</u>																				
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: <u>Elio Carroll</u>																				
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								
<u>Elio Carroll</u>		5/12		1430		<u>Carth Marx</u>		5:22:26		1430										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																				
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																				
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Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: <u>Hilcorp</u>				Company: _____				Lab WO# <u>E 005233</u>		Job Number <u>17051.0002</u>		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: <u>COLE A IE</u>				Address: _____									☒			☒			
Project Manager: <u>Kate Kaufman</u>				City, State, Zip: _____															
Address: _____				Phone: _____															
City, State, Zip: _____				Email: _____															
Phone: _____				Miscellaneous: _____															
Email: <u>KKaufman@hilcorp.com</u>																			

Sample Information										Analysis and Method										EPA Program		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TEEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA				
																Compliance	Y	or	N			
																PWSID #						
																Sample Temp			Remarks			
1230	5/22	soil	1	MFS04		31	X	X	X		X								9.7			
1233				MFS05		32													4.9			
1236				MFS06		33													5.2			
1239				MFS07		34													5.3			
1242				MFS08		35													5.4			
1245				MFS09		36													5.1			
1248				MFS10		37													5.2			
1251				MFS11		38													5.4			
1254				MFS12		39													5.0			
1257				MFS13		40													5.0			

Additional Instructions: cc: Shyde@ansolum.com ecarroll@ansolum.com

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: Eddie Carroll

Relinquished by: (Signature) <u>Eddie Carroll</u>	Date <u>5/22</u>	Time <u>1430</u>	Received by: (Signature) <u>Carth Mays</u>	Date <u>5.22.26</u>	Time <u>1430</u>
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA _____

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

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: ☒ N

Chain of Custody

Client Information				Invoice Information		Lab Use Only		TAT		State										
Client: <u>Hilcorp</u>				Company: _____		Lab WO# <u>E1005233</u>		Job Number <u>170510002</u>		1D	2D	3D	Std	NM	CO	UT	TX			
Project Name: <u>COLE A IE</u>				Address: _____							☒			☒						
Project Manager: <u>Kate Kaufman</u>				City, State, Zip: _____																
Address: _____				Phone: _____																
City, State, Zip: _____				Email: _____																
Phone: _____				Miscellaneous: _____																
Email: <u>KKaufman@hilcorp.com</u>																				
Sample Information										Analysis and Method				EPA Program						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCFQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA		
																	Compliance	Y	or	N
																	PWSID #			
																	Sample Temp		Remarks	
1300	5/22	Soil	1	MFS 14		41	x	x	x		x						5.3			
1303				MFS 15		42											5.2			
1306				MFS 16		43											5.4			
1309				MFS 17		44											4.8			
1312				MFS 18		45											4.8			
1315				MFS 19		46											4.6			
1318				MFS 20		47											4.8			
1321				MFS 21		48											5.0			
1324				MFS 22		49											5.0			
1327				MFS 23		50											5.2			
Additional Instructions: <u>CC: Shyde@ensolum.com ecarroll@ensolum.com</u>																				
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: <u>Erika Carroll</u>																				
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								
<u>Erika Carroll</u>		5/22		1430		<u>Carroll</u>		5.22.26		1430										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																				
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Client Information				Invoice Information		Lab Use Only		TAT		State										
Client: <u>Hilcorp</u>				Company: _____		Lab WO# <u>E005233</u>	Job Number <u>17051.0002</u>	1D	2D	3D	Std	NM	CO	UT	TX					
Project Name: <u>COLE A IE</u>				Address: _____																
Project Manager: <u>Kate Kaufman</u>				City, State, Zip: _____																
Address: _____				Phone: _____																
City, State, Zip: _____				Email: _____																
Phone: _____				Miscellaneous: _____																
Email: <u>KKaufman@hilcorp.com</u>																				
Sample Information						Analysis and Method								EPA Program						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA		
																	Compliance	Y	or	N
																	PWSID #			
																	Sample Temp			Remarks
1330	5/22	soil	1	MFS24		51	X	X	X								5.1			
1333				TSW01		52											4.7			
1336				TSW02		53											4.9			
1339				TSW03		54											5.0			
1342				TSW04		55											5.0			
1345				TSW05		56											5.2			
1348				TSW06		57											5.0			
1351				TSW07		58											5.2			
1354				TSW08		59											5.4			
1357				TSW09		60											5.0			
Additional Instructions: <u>CC: Shyde@ensolum.com ecarroll@ensolum.com</u>																				
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Sampled by: <u>Eddie Carroll</u>																				
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: ☒ Y ☐ N								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Sample Matrix: <u>S</u> - Soil, <u>sd</u> - Solid, <u>Sg</u> - Sludge, <u>A</u> - Aqueous, <u>O</u> - Other _____																				
Container Type: <u>g</u> - glass, <u>p</u> - poly/plastic, <u>ag</u> - amber glass, <u>v</u> - VOA																				
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				

Client Information				Invoice Information		Lab Use Only		TAT				State							
Client: <u>Hilcorp</u>				Company: _____		Lab WO# <u>EL05233</u>		Job Number <u>17051-002</u>		1D	2D	3D	Std	NM	CO	UT	TX		
Project Name: <u>colc A IE</u>				Address: _____										☒					
Project Manager: <u>Kate Kaufman</u>				City, State, Zip: _____															
Address: _____				Phone: _____															
City, State, Zip: _____				Email: _____															
Phone: _____				Miscellaneous: _____															
Email: <u>KKaufman@hilcorp.com</u>																			
Sample Information					Analysis and Method												EPA Program		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 100S - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
1400	5/22	soil	1	T SW10		601	x	x	x										
1403				T SW11		602													
1406				T SW12		603													
1409				RFS01		604													
1412				RFS02		605													
1415				RFS03		606													
Additional Instructions: <u>cc: Shyde@ensolum.com ecarroll@ensolum.com</u>																			
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: <u>ecarroll</u>																			
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							
<u>ecarroll</u>		5/22		1430		<u>Carth Man</u>		5-22-20		1430									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Envirotech Analytical Laboratory

Printed: 5/22/2026 2:51:13PM

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:	05/22/26 14:30	Work Order ID:	E605233
Phone:	505-599-3400	Date Logged In:	05/22/26 14:43	Logged In By:	Caitlin Mars
Email:	kkaufman@hilcorp.com	Due Date:	05/27/26 17:00 (2 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Eric CarrollComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? Yes

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

13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

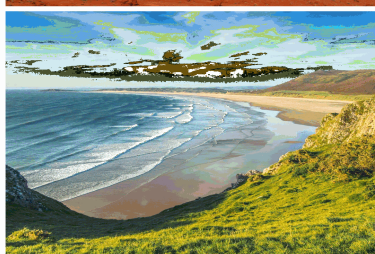
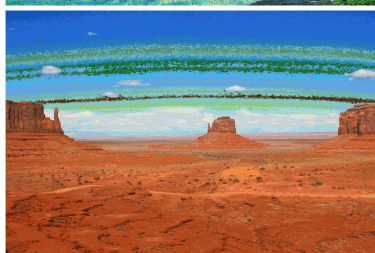
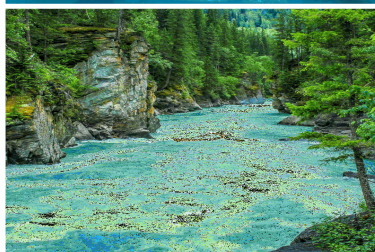
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Kate Kaufman



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Hilcorp Energy Co

Project Name: Cole A 1E

Work Order: E606022

Job Number: 17051-0002

Received: 6/2/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/4/26

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 6/4/26

Kate Kaufman
PO Box 61529
Houston, TX 77208



Project Name: Cole A 1E
Workorder: E606022
Date Received: 6/2/2026 10:41:00AM

Kate Kaufman,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/2/2026 10:41:00AM, under the Project Name: Cole A 1E.

The analytical test results summarized in this report with the Project Name: Cole A 1E apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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Client Representative
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mgonzaless@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Chain of Custody etc.	8

Sample Summary

Hilcorp Energy Co	Project Name:	Cole A 1E	Reported: 06/04/26 08:58
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BSW05A	E606022-01A	Soil	06/02/26	06/02/26	Glass Jar, 2 oz.



Sample Data

Hilcorp Energy Co	Project Name:	Cole A 1E	Reported: 6/4/2026 8:58:59AM
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	

BSW05A

E606022-01

Analyte	Reporting					
	Result	Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2623049
Chloride	ND	100	5	06/02/26	06/02/26	



QC Summary Data

Hilcorp Energy Co	Project Name:	Cole A 1E	Reported:
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	6/4/2026 8:58:59AM

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 (2623049-BLK1)					Prepared: 06/02/26 Analyzed: 06/02/26				
Chloride	ND	20.0							
LCS (2623049-BS1)					Prepared: 06/02/26 Analyzed: 06/02/26				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2623049-MS1)					Source: E606007-02		Prepared: 06/02/26 Analyzed: 06/02/26		
Chloride	255	20.0	250	ND	102	80-120			
Matrix Spike Dup (2623049-MSD1)					Source: E606007-02		Prepared: 06/02/26 Analyzed: 06/02/26		
Chloride	255	20.0	250	ND	102	80-120	0.0605	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:	Cole A 1E	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Kate Kaufman	06/04/26 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.





Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State																							
Client: Hilcorp				Company:				Lab WO# E0906022				Job Number 17051-0002				1D 2D 3D Std X																							
Project Name: COIR A IE				Address:												NM CO UT TX X																							
Project Manager: Kate Kaufman				City, State, Zip:																																			
Address:				Phone:																																			
City, State, Zip:				Email:																																			
Phone:				Miscellaneous:																																			
Email: kkaufman@hilcorp.com																																							
Sample Information																Analysis and Method								EPA Program															
Time Sampled		Date Sampled		Matrix		No. of Containers		Sample ID				Field Filter		Lab Number		DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 100S - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA												
9:30		6-7-26		Soil		1		BSW05A				1		X		X	X	X	X																				
Additional Instructions: CC Shyde@ensdum.com ecarroll@ensdum.com																																							
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: Edw Carr																																							
Relinquished by: (Signature)						Date		Time		Received by: (Signature)						Date		Time		Samples requiring thermal preservation must be received or 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																			
Edw Carr						6-7-26		10:41		Caitlin Man						6-7-26		10:41																					
Relinquished by: (Signature)						Date		Time		Received by: (Signature)						Date		Time																					
Relinquished by: (Signature)						Date		Time		Received by: (Signature)						Date		Time																					
Relinquished by: (Signature)						Date		Time		Received by: (Signature)						Date		Time																					
Sample Matrix: S - Soil, sd - Solid, sg - Sludge, A - Aqueous, O - Other																														Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA									
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																																							

Envirotech Analytical Laboratory

Printed: 6/2/2026 10:54:32AM

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:	06/02/26 10:41	Work Order ID:	E606022
Phone:	505-599-3400	Date Logged In:	06/02/26 10:52	Logged In By:	Caitlin Mars
Email:	kkaufman@hilcorp.com	Due Date:	06/04/26 17:00 (2 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Eric CarrollComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? Yes

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

13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.



Chain of Custody

Page 1 of

Client Information				Invoice Information		Lab Use Only		TAT		State								
Client: <u>HILCORP</u>				Company: <u></u>		Lab WO# <u>E1006022</u>		Job Number <u>17051-0002</u>		1D	2D	3D	Std					
Project Name: <u>COIP A IE</u>				Address: <u></u>														
Project Manager: <u>Kate Kaufman</u>				City, State, Zip: <u></u>														
Address: <u></u>				Phone: <u></u>														
City, State, Zip: <u></u>				Email: <u></u>														
Phone: <u></u>				Miscellaneous: <u></u>														
Email: <u>KKaufman@hilcorp.com</u>																		
Sample Information						Analysis and Method								EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRD/ORD by 8015	GRO/DRD by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCED 1005-TX	PCRA 8 Metals	SGDOC-NM	SGDOC-TX	SDWA	CWA	RCRA
9:30	6-2-26	Soil	1	BSW05A		1	X	X	X	X						5.6		
Additional Instructions: <u>CC Shyde@ensdum.com ecarroll@ensdum.com</u>																		
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: <u>Eden Carr</u>																		
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: <u>Y</u> <u>N</u>						
<u>Eden Carr</u>		<u>6-2-26</u>		<u>1041</u>		<u>Eden Carr</u>		<u>6-2-26</u>		<u>1041</u>								
Sample Matrix: <u>S</u> - Soil, <u>Sd</u> - Solid, <u>Sg</u> - Sludge, <u>A</u> - Aqueous, <u>O</u> - Other																		
Container Type: <u>g</u> - glass, <u>p</u> - poly/plastic, <u>ag</u> - amber glass, <u>v</u> - 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.																		

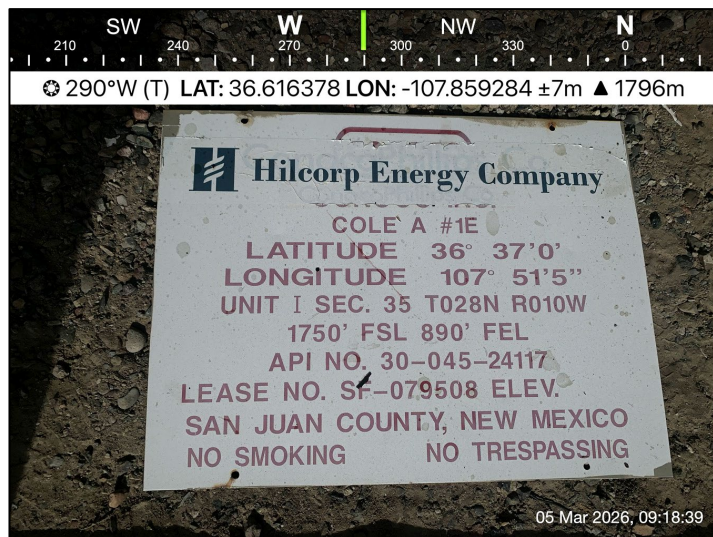


APPENDIX D

Photographic Log



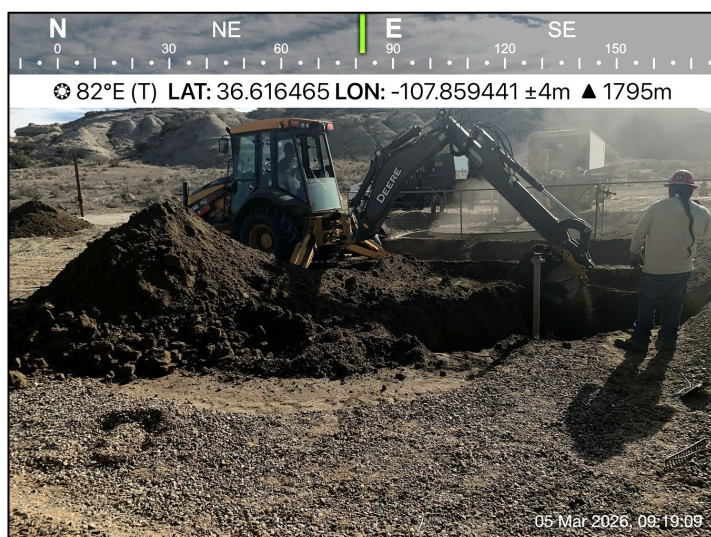
Photographic Log
Hilcorp Energy Company
Cole A 1E
San Juan County, New Mexico



Photograph: 1
Description: Well pad sign

Date: 3/5/2026

View: West



Photograph: 2
Description: Excavation activities

Date: 3/5/2026

View: Southeast



Photograph: 3
Description: Pothole

Date: 3/5/2026

View: North



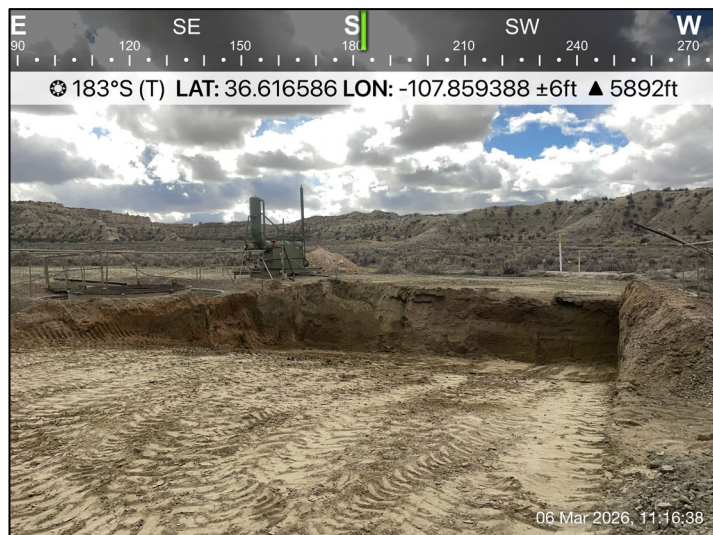
Photograph: 4
Description: Excavation progress

Date: 3/5/2026

View: Southwest



Photographic Log
Hilcorp Energy Company
Cole A 1E
San Juan County, New Mexico



Photograph: 5
Description: Excavation progress

Date: 3/6/2026

View: South



Photograph: 6
Description: Excavation progress

Date: 3/6/2026

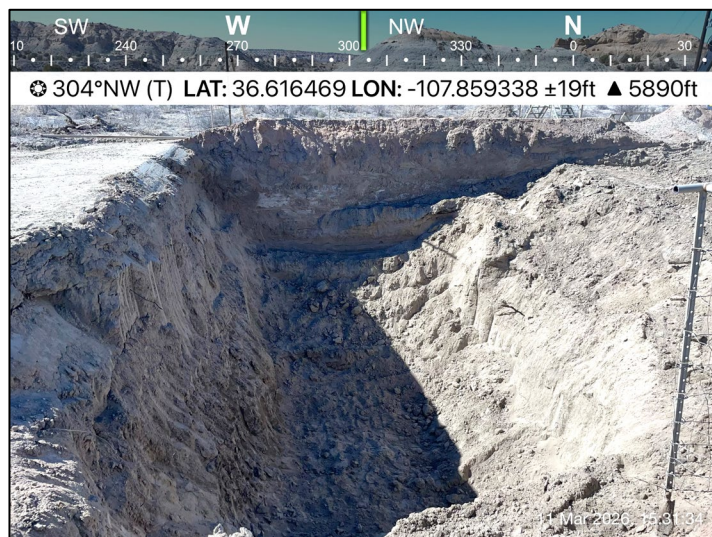
View: South



Photograph: 7
Description: Excavation progress

Date: 3/11/2026

View: Southwest



Photograph: 8
Description: Excavation progress

Date: 3/11/2026

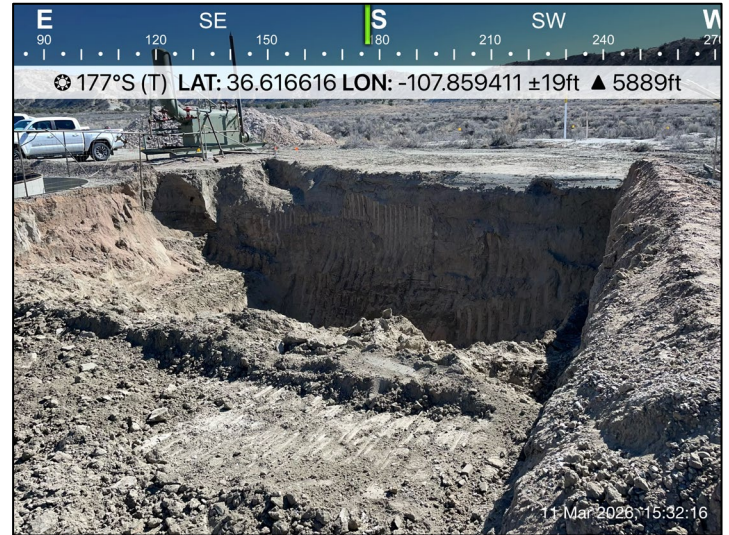
View: Northwest



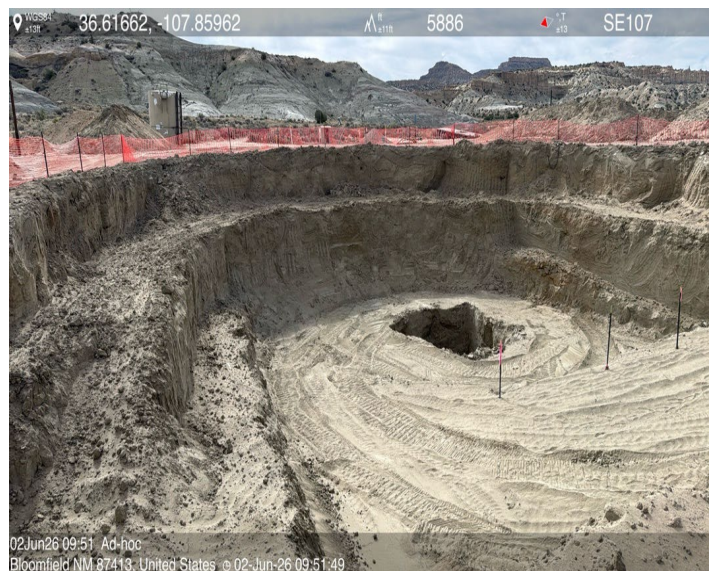
Photographic Log
Hilcorp Energy Company
Cole A 1E
San Juan County, New Mexico



Photograph: 9
Description: Staining on south sidewall
View: South
Date: 3/11/2026



Photograph: 10
Description: Excavation progress
View: South
Date: 3/11/2026



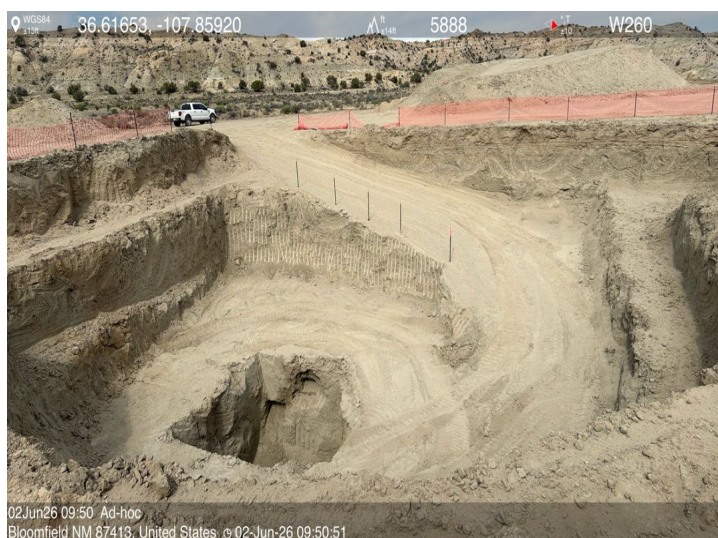
Photograph: 11
Description: Final excavation extent
View: Southeast
Date: 6/2/2026



Photograph: 12
Description: Final excavation extent
View: Southwest
Date: 6/2/2026

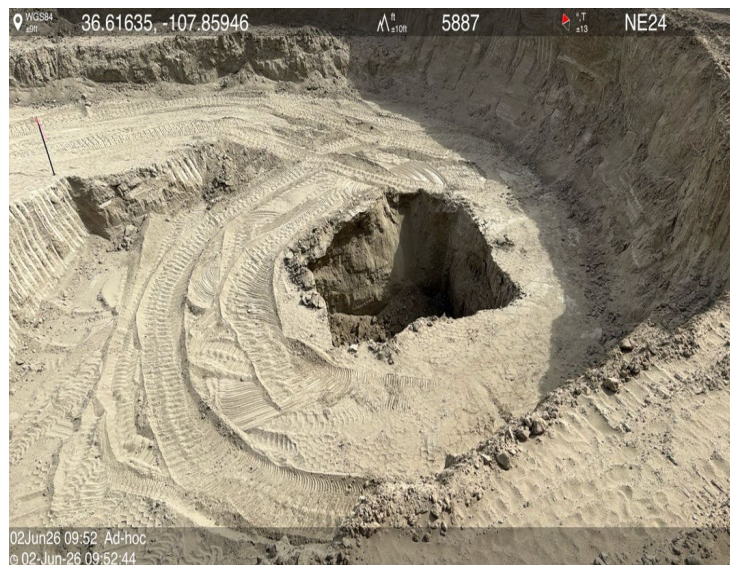


Photographic Log
Hilcorp Energy Company
Cole A 1E
San Juan County, New Mexico



Photograph: 13
Description: Final excavation extent
View: West

Date: 6/2/2026



Photograph: 14
Description: Final excavation extent
View: Northeast

Date: 6/2/2026

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 601686

QUESTIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 601686
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2606156403
Incident Name	NAPP2606156403 COLE A 1E @ 30-045-24117
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-045-24117] COLE A #001E

Location of Release Source

Please answer all the questions in this group.

Site Name	Cole A 1E
Date Release Discovered	03/02/2026
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

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

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Production Tank Produced Water Released: 5 BBL Recovered: 0 BBL Lost: 5 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Cause: Equipment Failure Production Tank Condensate Released: 50 BBL Recovered: 0 BBL Lost: 50 BBL.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	On 3/2/2026 at 10:58 am (MT), a HEC operator discovered an aboveground 55-bbl fluid release (50 bbls condensate, 5 bbls produced water) at a 300-bbl storage tank while performing tank gauging. While on location, the operator observed staining on the pad surface directly beneath the water drain line. After gauging the storage tank to verify that liquids had in fact leaked out, the operator shut-in the condensate dump line to the tank. Shortly after securing the source, the operator confirmed the spilled fluids did not migrate outside of secondary containment, but the fluids did soak into the pad surface beneath the water drain line and around the storage tank. No fluids could be recovered. The primary cause of the spill has been determined to be a small crack that developed in the water drain valve due to internal corrosion. The well remains shut-in at this time. Note that the water drain valve was replaced, but final corrective actions are pending input from Hilcorp's Integrity

team.

Sante Fe Main Office
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General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 2

Action 601686

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 601686
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Stuart Hyde Title: Senior Geologist Email: shyde@ensolum.com Date: 07/02/2026
--	--

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

General Information
Phone: (505) 629-6116

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

QUESTIONS, Page 3

Action 601686

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 601686
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 200 and 300 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 500 and 1000 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 300 and 500 (ft.)
Categorize the risk of this well / site being in a karst geology	None
A 100-year floodplain	Between 1000 (ft.) and ½ (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	1570
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	05/22/2026
On what date will (or did) the final sampling or liner inspection occur	06/02/2026
On what date will (or was) the remediation complete(d)	06/02/2026
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	6400
What is the estimated volume (in cubic yards) that will be remediated	1032
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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Oil Conservation Division
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QUESTIONS, Page 4

Action 601686

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 601686
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fSC00000000048 ENVIROTECH
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Stuart Hyde Title: Senior Geologist Email: shyde@ensolum.com Date: 07/02/2026
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 601686

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 601686
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 601686

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 601686
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	589992
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/02/2026
What was the (estimated) number of samples that were to be gathered	1
What was the sampling surface area in square feet	200

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	6400
What was the total volume (cubic yards) remediated	1032
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	Excavation and sampling activities were conducted at the Site to address the release discovered on March 2, 2026. Laboratory analytical results for the excavation confirmation soil samples, collected from the final excavation extent, indicated all COC concentrations were compliant with the Site Closure Criteria and the reclamation requirement, and no further remediation is required. Excavation of impacted soil has mitigated impacts at this Site, and these remedial actions have been protective of human health, the environment, and groundwater.

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

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

I hereby agree and sign off to the above statement	Name: Stuart Hyde Title: Senior Geologist Email: shyde@ensolum.com Date: 07/02/2026
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QUESTIONS, Page 7

Action 601686

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 601686
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Action 601686

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 601686
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #nAPP2606156403 Cole A 1E, thank you. This Remediation Closure Report is approved.	7/7/2026