

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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

| | |
|----------------|----------------|
| Incident ID | NAPP2331753209 |
| District RP | |
| Facility ID | |
| Application ID | |

I Release Notification

Responsible Party

| | |
|--|---|
| Responsible Party Hilcorp Energy | OGRID 372171 |
| Contact Name: Kate Kaufman | Contact Telephone: 346-237-2275 |
| Contact email: kkaufman@hilcorp.com | Incident # (assigned by OCD) nAPP2331753209 |
| Contact mailing address: 1111 Travis St. Houston, TX 77471 | |

Location of Release Source

Latitude 36.71249 _____ Longitude -107.823695 _____
(NAD 83 in decimal degrees to 5 decimal places)

| | |
|------------------------------------|-----------------------------------|
| Site Name: Snyder Gas Com B #1M | Site Type: Well Site |
| Date Release Discovered: 10/6/2023 | API# (if applicable) 30-045-31889 |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|----------|
| F | 19 | 029N | 009W | San Juan |

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (Name: 4990 Road LLC _____)

Nature and Volume of Release

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

| | | |
|--|--|--|
| <input type="checkbox"/> Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
| <input type="checkbox"/> Produced Water | Volume Released (bbls) | Volume Recovered (bbls) |
| | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <input checked="" type="checkbox"/> Condensate | Volume Released (bbls) 14.7 | Volume Recovered (bbls) 14.7 |
| <input type="checkbox"/> Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| <input type="checkbox"/> Other (describe) | Volume/Weight Released (provide units) | Volume/Weight Recovered (provide units) |

Cause of Release


Historical release discovered during the permanent removal of a below-grade tank (BGT). BGT closure sample results for TPH exceeded the closure criteria. Hilcorp conducted delineation operations and removed impacted soil to determine an estimated release volume. See attached closure summary.

| | |
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| | |
|---|--|
| Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, for what reason(s) does the responsible party consider this a major release? |
| If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? N/A | |

Initial Response

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

| | |
|--|--|
| <input checked="" type="checkbox"/> The source of the release has been stopped. | |
| <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. | |
| <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. | |
| <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately. | |
| If all the actions described above have <u>not</u> been undertaken, explain why: This is a historic release and there was no active source at the time of discovery. | |
| Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation. | |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. | |
| Printed Name: <u>Kate Kaufman</u> | Title: <u>Environmental Specialist</u> |
| Signature: <u></u> | Date: <u>11/27/2023</u> |
| email: <u>kkaufman@hilcorp.com</u> | Telephone: <u>346-237-2275</u> |
| <u>OCD Only</u> | |
| Received by: <u>Shelly Wells</u> | Date: <u>11/28/2023</u> |

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Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

| | |
|---|---|
| What is the shallowest depth to groundwater beneath the area affected by the release? | <u><50'</u> (ft bgs) |
| Did this release impact groundwater or surface water? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a wetland? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying a subsurface mine? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying an unstable area such as karst geology? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within a 100-year floodplain? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Did the release impact areas not on an exploration, development, production, or storage site? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

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

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

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

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

State of New Mexico
Oil Conservation Division

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Printed Name: Kathryn H Kaufman Title: Environmental Specialist

Signature: _____ Date: 11/27/2023

email: kk Kaufman@hilcorp.com Telephone: 346-237-2275

OCD Only

Received by: Shelly Wells Date: 11/28/2023

| | |
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Remediation Plan

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

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

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

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

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

Printed Name: Clara Cardoza Title: Environmental Specialist

Signature: _____ Date: 7/15/2019

email: ccardoza@hilcorp.com Telephone: 505.564.0733

OCD Only

Received by: _____ Date: _____

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

Signature: _____ Date: _____

| | |
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Closure

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

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

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

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

Printed Name: Kathryn H. Kaufman Title: Environmental Specialist

Signature: _____ Date: 11/27/2023

email: kkaufman@hilcorp.com Telephone: 346-237-2275

OCD Only

Received by: Shelly Wells Date: 11/28/2023

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

Closure Approved by: Nelson Velez Date: 02/21/2024

Printed Name: Nelson Velez Title: Environmental Specialist – Adv

Executive Summary – Incident #nAPP2331753209

Hilcorp removed a below ground tank (BGT) at the Snyder Gas Com B #1M wellsite (API 30-045-31889) on October 5, 2023. The closure sample results were above the BGT permit closure limits and above the NMOCD action criteria in NMAC 19.15.29 Table 1 for total petroleum hydrocarbons (TPH).

Five-point composite samples were collected on 10/5, 10/25, 11/2 and 11/9 to delineate the extent of impacts, removing potentially impacted soil between sampling events. Sample results are included at the end of this summary report. While delineating impacts, Hilcorp removed approximately 15 yds³ of clean and potentially impacted soil from the excavation. Impacted material was hauled offsite for disposal.

Final analytical results from these sampling events were below NMOCD action criteria noted in NMAC 19.15.29 Table 1. The historic hydrocarbon release volume was estimated to be approximately 14.7 bbls. The release volume estimate is attached.

Scaled Site Map

Lat: 36.71249
Long: -107.823695

Snyder Gas Com B #1M Wellsite
API: 30-045-31889


 Historic Release Area

↑
N

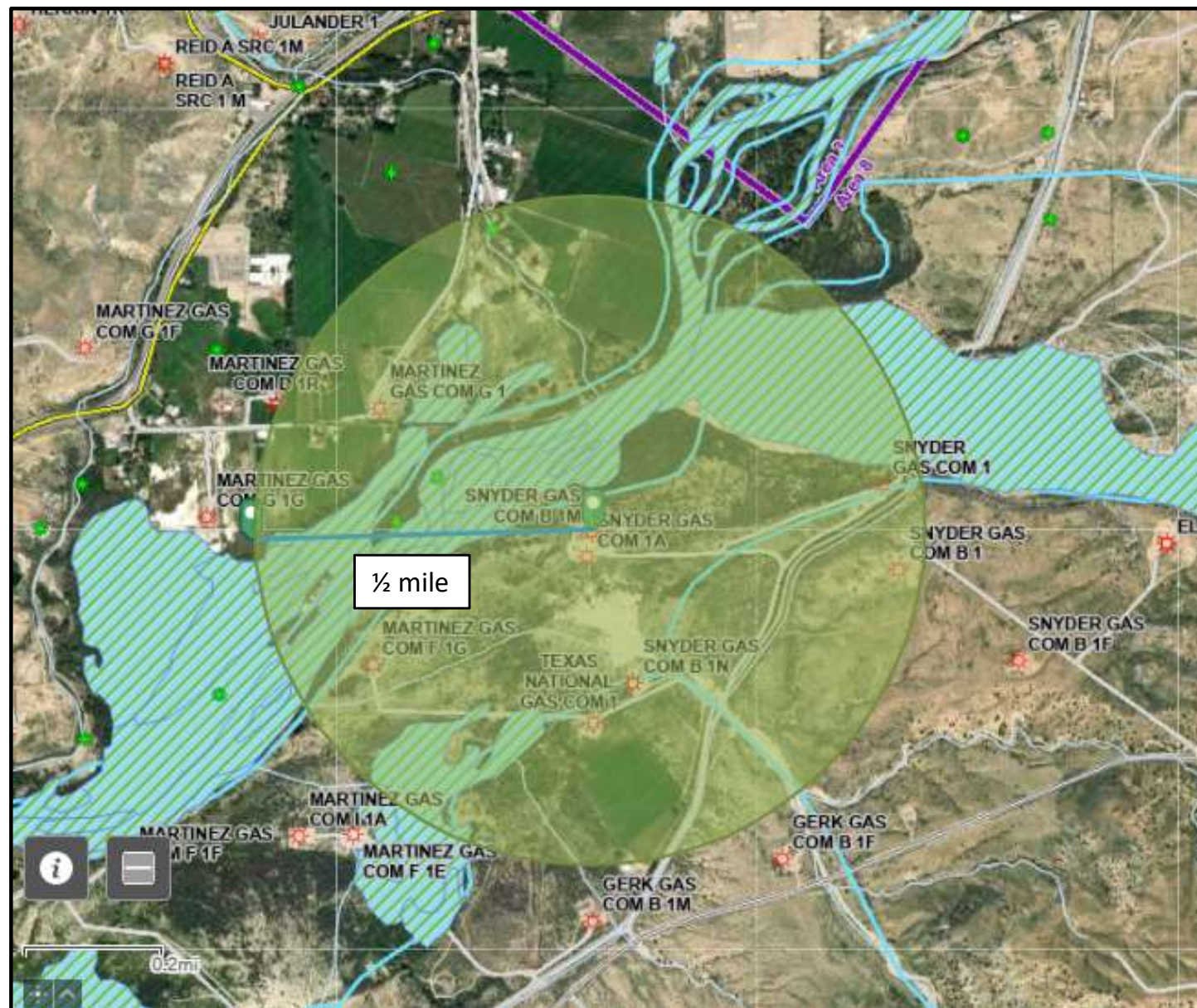


Depth to groundwater determination.

Estimated depth to groundwater at the Snyder Gas Com B #1M wellsite is < 50'. Siting criteria is noted below for the Snyder Gas Com B #1N wellsite which is approximately 0.2 miles south of the subject wellsite.

| | | | | |
|--|---|---|--|--|
|  Lodestar Services, Inc. PO Box 4465, Durango, CO 81302 | | Pit Permit Siting Criteria Information Sheet | | Client: XTO Energy Project: Pit Permits Revised: 21-Nov-08 Prepared by: Brooke Herb |
| API#: | 3004534290 | USPLSS: | T29N,R09W,S19K | |
| Name: | SNYDER GAS COM B #1N | Lat/Long: | 36.70924, -107.82308 | |
| Depth to groundwater: | < 50' | Geologic formation: | Nacimiento Formation | |
| Distance to closest continuously flowing watercourse: | 1804' S of San Juan River | | | |
| Distance to closest significant watercourse, lakebed, playa lake, or sinkhole: | 268' W of secondary tributary of San Juan River; 495' NW of Hammond Irrigation Ditch; 2059' SW of Largo Canyon Wash | | | |
| Permanent residence, school, hospital, institution or church within 300' | No | Soil Type: | Entisols | |
| Domestic fresh water well or spring within 500' | No | Annual Precipitation: | 8.71 inches (Bloomfield) | |
| Any other fresh water well or spring within 1000' | No | Precipitation Notes: | no significant precip events | |
| Within incorporated municipal boundaries | No | Attached Documents: | Groundwater report and Data; FEMA Flood Zone Map | |
| Within defined municipal fresh water well field | No | | Aerial Photo, Topo Map, Mines Mills and Quarries Map | |
| Wetland within 500' | No | Mining Activity: | 3677' N of a Materials Pit | |
| Within unstable area | No | | | |
| Within 100 year flood plain | Yes- FEMA Flood Zone 'A' | | | |
| Additional Notes: | | | | |

Determination of water sources and significant watercourses within ½ mile of the lateral extent of the release



Note 1: Release point is within 300 ft of a continuously flowing watercourse or other significant water course.

Note 2: The lateral extents of the release point are within 300 feet of a mapped wetland.

Distance to mapped water wells.



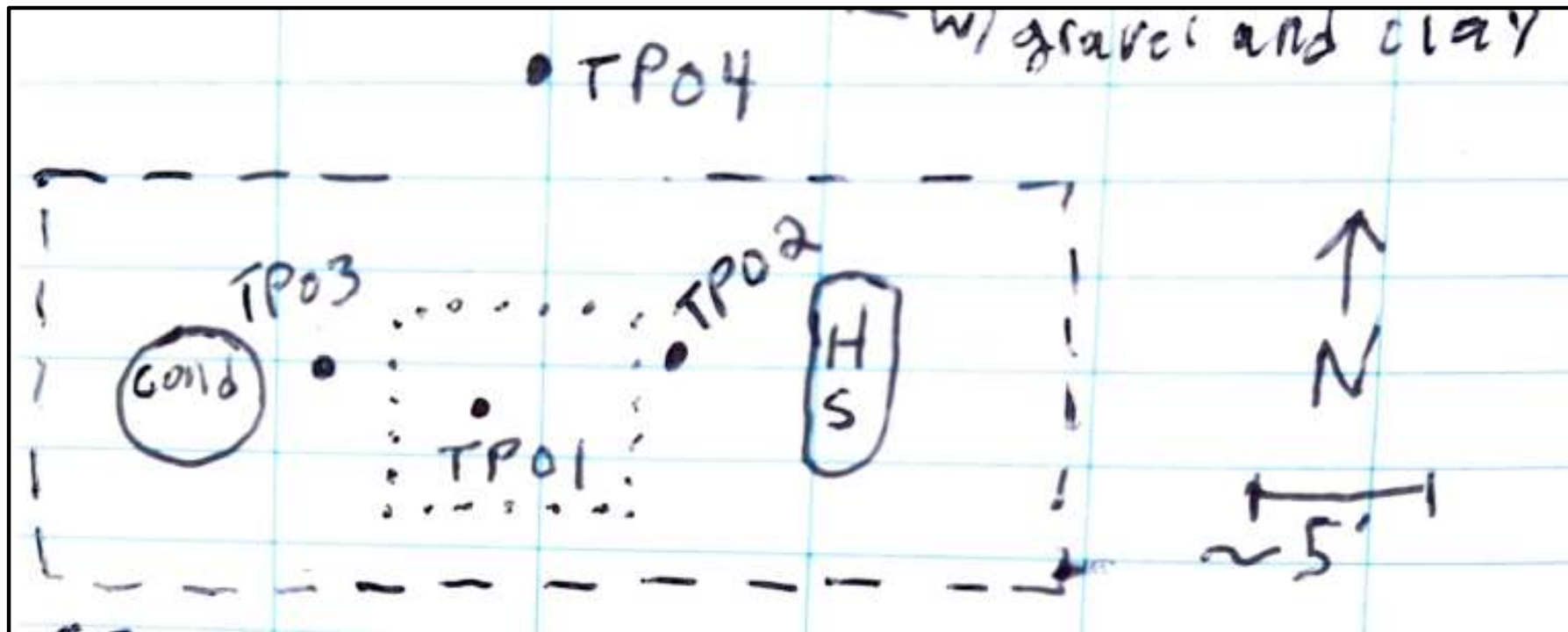
Note: The lateral extents of the release point are not shown to be within 500 ft of a spring or domestic freshwater well used by less than 5 households (or stock watering) or within 1,000 ft of any freshwater water well or spring.

Data table of soil contaminant concentrations

| Sample Name | Sample Date | Snyder Gas Com B #1M Laboratory Results | | | | | | | | | |
|-----------------------------------|-------------|---|--------------------------|--------------------------|--------------------------|----------------------|--------------------|--------------------|-------------------------|----------------------------|-----------------------|
| | | Chloride (mg/kg) | TPH as DRO (mg/kg) | TPH as GRO (mg/kg) | TPH as MRO (mg/kg) | Total TPH (mg/kg) | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Total Xylene (mg/kg) | Total BTEX (mg/kg) |
| BGT Permit Closure Criteria < 50' | | 600 | - | - | - | 100 | 10 | - | - | - | 50 |
| BGT Closure | 10/05/23 | ND | 210 | ND | 940 | 1150 | ND | ND | ND | ND | ND |
| TP01 8' | 10/25/23 | ND | 22 | ND | 150 | 172 | ND | ND | ND | ND | ND |
| TP01 9' | 10/25/23 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| TP02 8' | 10/25/23 | ND | 100 | ND | ND | 100 | ND | ND | ND | ND | ND |
| TP02 9' | 10/25/23 | ND | 82 | ND | ND | 82 | ND | ND | ND | ND | ND |
| TP03 8' | 10/25/23 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| TP03 9' | 10/25/23 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| TP04 8' | 10/25/23 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| TP04 9' | 10/25/23 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| FS01 | 11/02/23 | ND | 260 | 12 | 1700 | 1972 | ND | ND | ND | ND | ND |
| FS 01 B | 11/09/23 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

Delineation samples were collected on 10/5, 10/25, 11/2 and 11/9 by Ensolum. Samples collected on 10/25 and 11/2 were to delineate the extent of the release. Potentially impacted material was removed between sampling events for disposal. The final sample FS-01B collected on 11/9/2023 was below NMOCD 19.15.29.12.D Table 1 closure criteria. FS-01B was a five-point composite incorporating the base and shallow sidewalls. See notes on next page.

Field Sample Diagram



Delineation samples were collected on 10/5, 10/25, 11/2 and 11/9 by Ensolum. Samples collected on 10/25 and 11/2 were to delineate the extent of the release within and around the BGT excavation. Potentially impacted material was removed between sampling events for disposal. The final sample FS-01B collected on 11/9/2023 was below NMOCD 19.15.29.12.D Table 1 closure criteria. TP-01 is a floor sample.

Total excavation area was approximately 160 sq. ft. and 1-2' deep. Due to the shallow nature of the excavation, sidewalls were incorporated into the base composite sample.

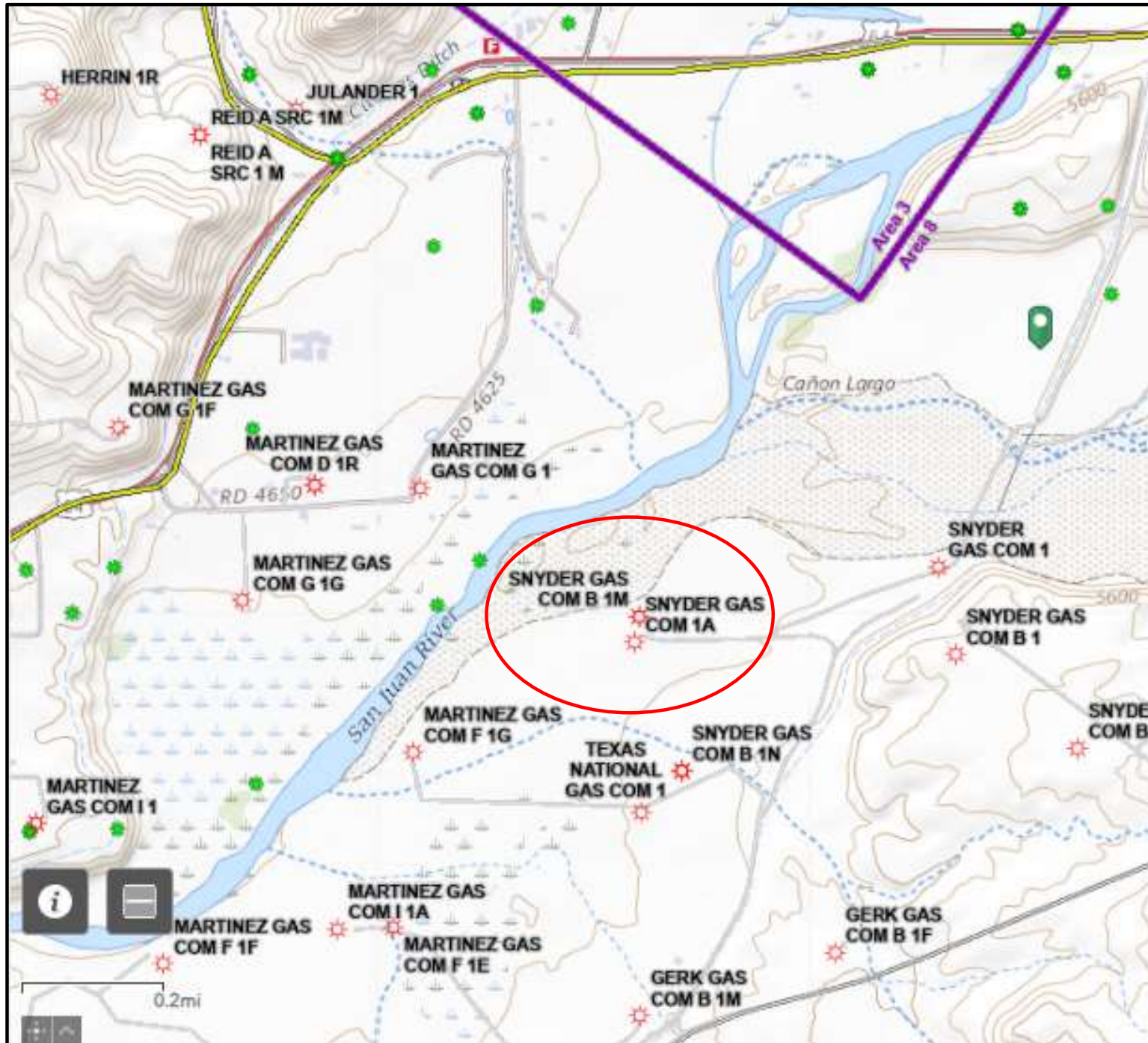
Sample Photos



Sample Photos



Topographic Map



ESTIMATED RELEASE VOLUME TOOL
SNYDER GC B 1M
HILCORP ENERGY COMPANY

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

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

| Tool Inputs | |
|-------------------|---------------------------------|
| Soil Density | 99.88473696 lbs/ft ³ |
| Crude Oil Density | 7.093593783 lbs/gal |

| Excavation Parameters | |
|-----------------------------------|---------------------------|
| Average Hydrocarbon Concentration | 1098.00 mg/kg |
| Length | 10 ft |
| Width | 16 ft |
| Depth | 2.5 ft |
| Expansion Factor | 0 % |
| Total Soil Volume | 15 yds³ |

Choose the appropriate column for the released product

| | Crude Oil/Condensate | Produced Water |
|-------------------------------------|----------------------|----------------|
| Hydrocarbon Concentration (Percent) | 1 % | 99 % |

CALCULATED SPILL VOLUME

| | | |
|------------------------------|----------------------|-----------------|
| Hydrocarbon Mass | 44 lbs | 44 lbs |
| Hydrocarbon (Release) Volume | 618 gal 14.7 bbls | 6 gal 0 bbls |

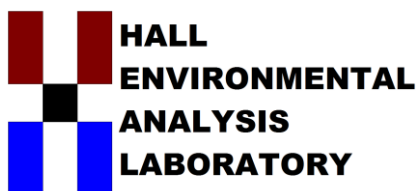
Notes

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

Red values are variable and can be changed according to site specific information.

Analytical Data, Samples Collected 10/5, 10/25, 11/2 and 11/9.

See attached Lab Reports.



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

October 18, 2023

Kate Kaufman
HILCORP ENERGY
PO Box 4700
Farmington, NM 87499
TEL: (505) 564-0733
FAX:

RE: Snyder GC B 1M

OrderNo.: 2310330

Dear Kate Kaufman:

Hall Environmental Analysis Laboratory received 1 sample(s) on 10/6/2023 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2310330

Date Reported: 10/18/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY

Client Sample ID: Bottom Comp 7'

Project: Snyder GC B 1M

Collection Date: 10/5/2023 11:10:00 AM

Lab ID: 2310330-001

Matrix:

Received Date: 10/6/2023 7:35:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|--|--------|----------|------|-------|----|-----------------------|
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | 210 | 94 | | mg/Kg | 10 | 10/11/2023 7:55:41 PM |
| Motor Oil Range Organics (MRO) | 940 | 470 | | mg/Kg | 10 | 10/11/2023 7:55:41 PM |
| Surr: DNOP | 0 | 69-147 | S | %Rec | 10 | 10/11/2023 7:55:41 PM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | Analyst: JJP |
| Gasoline Range Organics (GRO) | ND | 5.0 | | mg/Kg | 1 | 10/12/2023 4:13:45 AM |
| Surr: BFB | 93.1 | 15-244 | | %Rec | 1 | 10/12/2023 4:13:45 AM |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst: JJP |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 10/12/2023 4:13:45 AM |
| Toluene | ND | 0.050 | | mg/Kg | 1 | 10/12/2023 4:13:45 AM |
| Ethylbenzene | ND | 0.050 | | mg/Kg | 1 | 10/12/2023 4:13:45 AM |
| Xylenes, Total | ND | 0.099 | | mg/Kg | 1 | 10/12/2023 4:13:45 AM |
| Surr: 4-Bromofluorobenzene | 97.8 | 39.1-146 | | %Rec | 1 | 10/12/2023 4:13:45 AM |
| EPA METHOD 300.0: ANIONS | | | | | | Analyst: RBC |
| Chloride | ND | 60 | | mg/Kg | 20 | 10/12/2023 4:52:55 PM |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2310330
18-Oct-23

Client: HILCORP ENERGY
Project: Snyder GC B 1M

| | | | | | | | | | | |
|-----------------------|---------------------------|----------------|-----------|------------------------------------|------|--------------|-----------|------|----------|------|
| Sample ID: MB-78118 | | SampType: MBLK | | TestCode: EPA Method 300.0: Anions | | | | | | |
| Client ID: PBS | Batch ID: 78118 | | | RunNo: 100419 | | | | | | |
| Prep Date: 10/12/2023 | Analysis Date: 10/12/2023 | | | SeqNo: 3679538 | | Units: mg/Kg | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| | | | | | | | | | | |
|-----------------------|---------------------------|---------------|-----------|------------------------------------|------|--------------|-----------|------|----------|------|
| Sample ID: LCS-78118 | | SampType: LCS | | TestCode: EPA Method 300.0: Anions | | | | | | |
| Client ID: LCSS | Batch ID: 78118 | | | RunNo: 100419 | | | | | | |
| Prep Date: 10/12/2023 | Analysis Date: 10/12/2023 | | | SeqNo: 3679539 | | Units: mg/Kg | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 14 | 1.5 | 15.00 | 0 | 91.6 | 90 | 110 | | | |

Qualifiers:

*

Value exceeds Maximum Contaminant Level.

D

Sample Diluted Due to Matrix

H

Holding times for preparation or analysis exceeded

ND

Not Detected at the Reporting Limit

PQL

Practical Quantitative Limit

S

% Recovery outside of standard limits. If undiluted results may be estimated.

B

Analyte detected in the associated Method Blank

E

Above Quantitation Range/Estimated Value

J

Analyte detected below quantitation limits

P

Sample pH Not In Range

RL

Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2310330

18-Oct-23

Client: HILCORP ENERGY**Project:** Snyder GC B 1M

| Sample ID: MB-78080 | SampType: MBLK | | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | |
|------------------------------|----------------------------------|-----|--|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 78080 | | RunNo: 100396 | | | | | | | |
| Prep Date: 10/11/2023 | Analysis Date: 10/11/2023 | | SeqNo: 3677210 | | Units: %Rec | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | 11 | | 10.00 | | 115 | 69 | 147 | | | |

| Sample ID: LCS-78080 | SampType: LCS | | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | |
|------------------------------|----------------------------------|-----|--|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 78080 | | RunNo: 100396 | | | | | | | |
| Prep Date: 10/11/2023 | Analysis Date: 10/11/2023 | | SeqNo: 3677211 | | Units: %Rec | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | 5.0 | | 5.000 | | 100 | 69 | 147 | | | |

| Sample ID: MB-78083 | SampType: MBLK | | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | |
|------------------------------|----------------------------------|-----|--|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 78083 | | RunNo: 100396 | | | | | | | |
| Prep Date: 10/11/2023 | Analysis Date: 10/11/2023 | | SeqNo: 3677212 | | Units: %Rec | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | 12 | | 10.00 | | 116 | 69 | 147 | | | |

| Sample ID: LCS-78083 | SampType: LCS | | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | |
|------------------------------|----------------------------------|-----|--|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 78083 | | RunNo: 100396 | | | | | | | |
| Prep Date: 10/11/2023 | Analysis Date: 10/11/2023 | | SeqNo: 3677213 | | Units: %Rec | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | 5.0 | | 5.000 | | 99.4 | 69 | 147 | | | |

| Sample ID: MB-78093 | SampType: MBLK | | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | |
|--------------------------------|----------------------------------|-----|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 78093 | | RunNo: 100396 | | | | | | | |
| Prep Date: 10/11/2023 | Analysis Date: 10/11/2023 | | SeqNo: 3677886 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 10 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | 10 | | 10.00 | | 101 | 69 | 147 | | | |

| Sample ID: LCS-78093 | SampType: LCS | | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | |
|------------------------------|----------------------------------|-----|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 78093 | | RunNo: 100396 | | | | | | | |
| Prep Date: 10/11/2023 | Analysis Date: 10/11/2023 | | SeqNo: 3677887 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 52 | 10 | 50.00 | 0 | 104 | 61.9 | 130 | | | |
| Surr: DNOP | 4.7 | | 5.000 | | 93.4 | 69 | 147 | | | |

Qualifiers:

| | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: 2310330
18-Oct-23

Client: HILCORP ENERGY
Project: Snyder GC B 1M

| | | | | | | | | | | |
|-------------------------------|---------------------------|--|-----------|-------------|--------------|----------|-----------|------|----------|------|
| Sample ID: Ics-78066 | SampType: LCS | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
| Client ID: LCSS | Batch ID: 78066 | RunNo: 100376 | | | | | | | | |
| Prep Date: 10/10/2023 | Analysis Date: 10/11/2023 | SeqNo: 3677483 | | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 24 | 5.0 | 25.00 | 0 | 97.9 | 70 | 130 | | | |
| Surr: BFB | 2000 | | 1000 | | 200 | 15 | 244 | | | |

| | | | | | | | | | | |
|-------------------------------|---------------------------|--|-----------|-------------|--------------|----------|-----------|------|----------|------|
| Sample ID: mb-78066 | SampType: MBLK | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
| Client ID: PBS | Batch ID: 78066 | RunNo: 100376 | | | | | | | | |
| Prep Date: 10/10/2023 | Analysis Date: 10/11/2023 | SeqNo: 3677484 | | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND | 5.0 | | | | | | | | |
| Surr: BFB | 950 | | 1000 | | 95.1 | 15 | 244 | | | |

Qualifiers:

| | |
|-----|---|
| * | Value exceeds Maximum Contaminant Level. |
| D | Sample Diluted Due to Matrix |
| H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit |
| PQL | Practical Quantitative Limit |
| S | % Recovery outside of standard limits. If undiluted results may be estimated. |

| | |
|----|---|
| B | Analyte detected in the associated Method Blank |
| E | Above Quantitation Range/Estimated Value |
| J | Analyte detected below quantitation limits |
| P | Sample pH Not In Range |
| RL | Reporting Limit |

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2310330

18-Oct-23

Client: HILCORP ENERGY**Project:** Snyder GC B 1M

| Sample ID: LCS-78066 | SampType: LCS | | TestCode: EPA Method 8021B: Volatiles | | | | | | | |
|------------------------------|----------------------------------|-------|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 78066 | | RunNo: 100376 | | | | | | | |
| Prep Date: 10/10/2023 | Analysis Date: 10/11/2023 | | SeqNo: 3677563 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.0 | 0.025 | 1.000 | 0 | 104 | 70 | 130 | | | |
| Toluene | 1.0 | 0.050 | 1.000 | 0 | 104 | 70 | 130 | | | |
| Ethylbenzene | 1.0 | 0.050 | 1.000 | 0 | 105 | 70 | 130 | | | |
| Xylenes, Total | 3.2 | 0.10 | 3.000 | 0 | 105 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 1.1 | | 1.000 | | 105 | 39.1 | 146 | | | |

| Sample ID: mb-78066 | SampType: MBLK | | TestCode: EPA Method 8021B: Volatiles | | | | | | | |
|------------------------------|----------------------------------|-------|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 78066 | | RunNo: 100376 | | | | | | | |
| Prep Date: 10/10/2023 | Analysis Date: 10/11/2023 | | SeqNo: 3677564 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 0.025 | | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 0.99 | | 1.000 | | 98.7 | 39.1 | 146 | | | |

Qualifiers:

| | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: HILCORP ENERGY

Work Order Number: 2310330

RcptNo: 1

Received By: Juan Rojas

10/6/2023 7:35:00 AM

Juan Rojas

Completed By: Cheyenne Cason

10/6/2023 9:18:17 AM

Cheyenne Cason

Reviewed By: *10-6-23*

Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C Yes ☒ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes ☐ No ☐ NA ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? ☐

Checked by: *7-10/6/23*

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

| Cooler No | Temp °C | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|-----------|---------|-----------|-------------|---------|-----------|-----------|
| 1 | 0.9 | Good | Yes | Yogi | | |

Chain-of-Custody Record

Client: Hilcorp

Mailing Address:

Phone #:

email or Fax#: brandon.sincclair@hilcorp.comQA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other☐ EDD (Type)Turn-Around Time:
☒ Standard ☐ Rush

Project Name:

Project #: Snyder GC B 1M

Project Manager:

Project Manager: Kate KaufmanSampler: Brandon Sinclair
On Ice: ☒ Yes ☐ No# of Coolers: 1Cooler Temp (including CF): 6.8 to 1.59 (°C)

Container Type and #

Preservative Type

HEAL No.
2310330OUDate Time Matrix Sample Name
10-5 1110 soil Bottom Comp 7HALL ENVIRONMENTAL
ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

TPH:8015D(GRO / DRO / MRO) ☒

8081 Pesticides/8082 PCB's ☐

EDB (Method 504.1) ☐

PAHs by 8310 or 8270SIMS ☐

RCRA 8 Metals ☐

Cl⁻, Br⁻, NO₃⁻, NO₂⁻, PO₄³⁻, SO₄²⁻ ☒

8260 (VOA) ☐

8270 (Semi-VOA) ☐

Total Coliform (Present/Absent) ☐

(BTEX) MIBF / TMBs (8021) ☒

TPH:8015D(GRO / DRO / MRO) ☒

8081 Pesticides/8082 PCB's ☐

EDB (Method 504.1) ☐

PAHs by 8310 or 8270SIMS ☐

RCRA 8 Metals ☐

Cl⁻, Br⁻, NO₃⁻, NO₂⁻, PO₄³⁻, SO₄²⁻ ☒

8260 (VOA) ☐

8270 (Semi-VOA) ☐

Total Coliform (Present/Absent) ☐

Remarks:

Received by: Jim Walker Date Time 10/5/23 1537Received by: Jim Walker Date Time 10/5/23 1750



Environment Testing

Eurofins Environment Testing South
Central, LLC
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

November 06, 2023

Kate Kaufman
HILCORP ENERGY
PO Box 4700
Farmington, NM 87499
TEL: (505) 564-0733
FAX:

RE: Snyder GC B 1M

OrderNo.: 2310C90

Dear Kate Kaufman:

Eurofins Environment Testing South Central, LLC received 8 sample(s) on 10/27/2023 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please do not hesitate to contact Eurofins Albuquerque for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2310C90

Date Reported: 11/6/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY

Client Sample ID: TP01@8'

Project: Snyder GC B 1M

Collection Date: 10/25/2023 9:10:00 AM

Lab ID: 2310C90-001

Matrix: SOIL

Received Date: 10/27/2023 7:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|--|--------|----------|------|-------|----|------------------------|
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | Analyst: PRD |
| Diesel Range Organics (DRO) | 22 | 9.2 | | mg/Kg | 1 | 10/27/2023 7:43:02 PM |
| Motor Oil Range Organics (MRO) | 150 | 46 | | mg/Kg | 1 | 10/27/2023 7:43:02 PM |
| Surr: DNOP | 104 | 69-147 | | %Rec | 1 | 10/27/2023 7:43:02 PM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | Analyst: JJP |
| Gasoline Range Organics (GRO) | ND | 4.8 | | mg/Kg | 1 | 10/30/2023 11:08:54 AM |
| Surr: BFB | 92.4 | 15-244 | | %Rec | 1 | 10/30/2023 11:08:54 AM |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst: JJP |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 10/30/2023 11:08:54 AM |
| Toluene | ND | 0.048 | | mg/Kg | 1 | 10/30/2023 11:08:54 AM |
| Ethylbenzene | ND | 0.048 | | mg/Kg | 1 | 10/30/2023 11:08:54 AM |
| Xylenes, Total | ND | 0.097 | | mg/Kg | 1 | 10/30/2023 11:08:54 AM |
| Surr: 4-Bromofluorobenzene | 101 | 39.1-146 | | %Rec | 1 | 10/30/2023 11:08:54 AM |
| EPA METHOD 300.0: ANIONS | | | | | | Analyst: JTT |
| Chloride | ND | 60 | | mg/Kg | 20 | 10/27/2023 5:01:47 PM |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |
| | | | | |

Analytical Report

Lab Order 2310C90

Date Reported: 11/6/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY

Client Sample ID: TP01@9'

Project: Snyder GC B 1M

Collection Date: 10/25/2023 9:15:00 AM

Lab ID: 2310C90-002

Matrix: SOIL

Received Date: 10/27/2023 7:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|--|--------|----------|------|-------|----|------------------------|
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | Analyst: PRD |
| Diesel Range Organics (DRO) | ND | 9.7 | | mg/Kg | 1 | 10/27/2023 8:24:10 PM |
| Motor Oil Range Organics (MRO) | ND | 48 | | mg/Kg | 1 | 10/27/2023 8:24:10 PM |
| Surr: DNOP | 113 | 69-147 | | %Rec | 1 | 10/27/2023 8:24:10 PM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | Analyst: JJP |
| Gasoline Range Organics (GRO) | ND | 4.9 | | mg/Kg | 1 | 10/30/2023 11:32:23 AM |
| Surr: BFB | 95.7 | 15-244 | | %Rec | 1 | 10/30/2023 11:32:23 AM |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst: JJP |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 10/30/2023 11:32:23 AM |
| Toluene | ND | 0.049 | | mg/Kg | 1 | 10/30/2023 11:32:23 AM |
| Ethylbenzene | ND | 0.049 | | mg/Kg | 1 | 10/30/2023 11:32:23 AM |
| Xylenes, Total | ND | 0.098 | | mg/Kg | 1 | 10/30/2023 11:32:23 AM |
| Surr: 4-Bromofluorobenzene | 100 | 39.1-146 | | %Rec | 1 | 10/30/2023 11:32:23 AM |
| EPA METHOD 300.0: ANIONS | | | | | | Analyst: JTT |
| Chloride | ND | 60 | | mg/Kg | 20 | 10/27/2023 5:14:08 PM |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Analytical Report

Lab Order 2310C90

Date Reported: 11/6/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY

Client Sample ID: TP02@8'

Project: Snyder GC B 1M

Collection Date: 10/25/2023 9:40:00 AM

Lab ID: 2310C90-003

Matrix: SOIL

Received Date: 10/27/2023 7:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|--|--------|----------|------|-------|----|------------------------|
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | Analyst: PRD |
| Diesel Range Organics (DRO) | ND | 9.7 | | mg/Kg | 1 | 10/27/2023 8:35:00 PM |
| Motor Oil Range Organics (MRO) | 100 | 49 | | mg/Kg | 1 | 10/27/2023 8:35:00 PM |
| Surr: DNOP | 124 | 69-147 | | %Rec | 1 | 10/27/2023 8:35:00 PM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | Analyst: JJP |
| Gasoline Range Organics (GRO) | ND | 4.9 | | mg/Kg | 1 | 10/30/2023 11:55:47 AM |
| Surr: BFB | 94.0 | 15-244 | | %Rec | 1 | 10/30/2023 11:55:47 AM |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst: JJP |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 10/30/2023 11:55:47 AM |
| Toluene | ND | 0.049 | | mg/Kg | 1 | 10/30/2023 11:55:47 AM |
| Ethylbenzene | ND | 0.049 | | mg/Kg | 1 | 10/30/2023 11:55:47 AM |
| Xylenes, Total | ND | 0.098 | | mg/Kg | 1 | 10/30/2023 11:55:47 AM |
| Surr: 4-Bromofluorobenzene | 102 | 39.1-146 | | %Rec | 1 | 10/30/2023 11:55:47 AM |
| EPA METHOD 300.0: ANIONS | | | | | | Analyst: JTT |
| Chloride | ND | 60 | | mg/Kg | 20 | 10/27/2023 5:26:29 PM |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|-------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |
| | | | | |

Analytical Report

Lab Order 2310C90

Date Reported: 11/6/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY

Client Sample ID: TP02@9'

Project: Snyder GC B 1M

Collection Date: 10/25/2023 9:45:00 AM

Lab ID: 2310C90-004

Matrix: SOIL

Received Date: 10/27/2023 7:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|--|--------|----------|------|-------|----|------------------------|
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 9.3 | | mg/Kg | 1 | 10/30/2023 4:01:59 PM |
| Motor Oil Range Organics (MRO) | 82 | 46 | | mg/Kg | 1 | 10/30/2023 4:01:59 PM |
| Surr: DNOP | 113 | 69-147 | | %Rec | 1 | 10/30/2023 4:01:59 PM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | Analyst: JJP |
| Gasoline Range Organics (GRO) | ND | 4.8 | | mg/Kg | 1 | 10/30/2023 12:19:19 PM |
| Surr: BFB | 92.5 | 15-244 | | %Rec | 1 | 10/30/2023 12:19:19 PM |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst: JJP |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 10/30/2023 12:19:19 PM |
| Toluene | ND | 0.048 | | mg/Kg | 1 | 10/30/2023 12:19:19 PM |
| Ethylbenzene | ND | 0.048 | | mg/Kg | 1 | 10/30/2023 12:19:19 PM |
| Xylenes, Total | ND | 0.096 | | mg/Kg | 1 | 10/30/2023 12:19:19 PM |
| Surr: 4-Bromofluorobenzene | 99.7 | 39.1-146 | | %Rec | 1 | 10/30/2023 12:19:19 PM |
| EPA METHOD 300.0: ANIONS | | | | | | Analyst: JTT |
| Chloride | ND | 60 | | mg/Kg | 20 | 10/27/2023 5:38:50 PM |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |
| | | | | |

Analytical Report

Lab Order 2310C90

Date Reported: 11/6/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY

Client Sample ID: TP03@8'

Project: Snyder GC B 1M

Collection Date: 10/25/2023 10:15:00 AM

Lab ID: 2310C90-005

Matrix: SOIL

Received Date: 10/27/2023 7:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|--|--------|----------|------|-------|----|------------------------|
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | Analyst: PRD |
| Diesel Range Organics (DRO) | ND | 9.1 | | mg/Kg | 1 | 10/27/2023 8:56:37 PM |
| Motor Oil Range Organics (MRO) | ND | 46 | | mg/Kg | 1 | 10/27/2023 8:56:37 PM |
| Surr: DNOP | 110 | 69-147 | | %Rec | 1 | 10/27/2023 8:56:37 PM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | Analyst: JJP |
| Gasoline Range Organics (GRO) | ND | 4.7 | | mg/Kg | 1 | 10/30/2023 12:42:48 PM |
| Surr: BFB | 96.1 | 15-244 | | %Rec | 1 | 10/30/2023 12:42:48 PM |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst: JJP |
| Benzene | ND | 0.023 | | mg/Kg | 1 | 10/30/2023 12:42:48 PM |
| Toluene | ND | 0.047 | | mg/Kg | 1 | 10/30/2023 12:42:48 PM |
| Ethylbenzene | ND | 0.047 | | mg/Kg | 1 | 10/30/2023 12:42:48 PM |
| Xylenes, Total | ND | 0.093 | | mg/Kg | 1 | 10/30/2023 12:42:48 PM |
| Surr: 4-Bromofluorobenzene | 103 | 39.1-146 | | %Rec | 1 | 10/30/2023 12:42:48 PM |
| EPA METHOD 300.0: ANIONS | | | | | | Analyst: JTT |
| Chloride | ND | 59 | | mg/Kg | 20 | 10/27/2023 5:51:11 PM |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |
| | | | | |

Analytical Report

Lab Order 2310C90

Date Reported: 11/6/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY

Client Sample ID: TP03@9'

Project: Snyder GC B 1M

Collection Date: 10/25/2023 10:20:00 AM

Lab ID: 2310C90-006

Matrix: SOIL

Received Date: 10/27/2023 7:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|--|--------|----------|------|-------|----|------------------------|
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | Analyst: PRD |
| Diesel Range Organics (DRO) | ND | 9.3 | | mg/Kg | 1 | 10/27/2023 9:07:26 PM |
| Motor Oil Range Organics (MRO) | ND | 47 | | mg/Kg | 1 | 10/27/2023 9:07:26 PM |
| Surr: DNOP | 98.1 | 69-147 | | %Rec | 1 | 10/27/2023 9:07:26 PM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | Analyst: JJP |
| Gasoline Range Organics (GRO) | ND | 4.6 | | mg/Kg | 1 | 10/30/2023 1:06:13 PM |
| Surr: BFB | 95.3 | 15-244 | | %Rec | 1 | 10/30/2023 1:06:13 PM |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst: JJP |
| Benzene | ND | 0.023 | | mg/Kg | 1 | 10/30/2023 1:06:13 PM |
| Toluene | ND | 0.046 | | mg/Kg | 1 | 10/30/2023 1:06:13 PM |
| Ethylbenzene | ND | 0.046 | | mg/Kg | 1 | 10/30/2023 1:06:13 PM |
| Xylenes, Total | ND | 0.092 | | mg/Kg | 1 | 10/30/2023 1:06:13 PM |
| Surr: 4-Bromofluorobenzene | 103 | 39.1-146 | | %Rec | 1 | 10/30/2023 1:06:13 PM |
| EPA METHOD 300.0: ANIONS | | | | | | Analyst: SNS |
| Chloride | ND | 60 | | mg/Kg | 20 | 10/28/2023 12:36:38 PM |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|-------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |
| | | | | |

Analytical Report

Lab Order 2310C90

Date Reported: 11/6/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY

Client Sample ID: TP04@8'

Project: Snyder GC B 1M

Collection Date: 10/25/2023 10:40:00 AM

Lab ID: 2310C90-007

Matrix: SOIL

Received Date: 10/27/2023 7:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|--|--------|----------|------|-------|----|------------------------|
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | Analyst: PRD |
| Diesel Range Organics (DRO) | ND | 9.7 | | mg/Kg | 1 | 10/27/2023 9:18:16 PM |
| Motor Oil Range Organics (MRO) | ND | 48 | | mg/Kg | 1 | 10/27/2023 9:18:16 PM |
| Surr: DNOP | 104 | 69-147 | | %Rec | 1 | 10/27/2023 9:18:16 PM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | Analyst: JJP |
| Gasoline Range Organics (GRO) | ND | 4.7 | | mg/Kg | 1 | 10/30/2023 1:29:37 PM |
| Surr: BFB | 94.0 | 15-244 | | %Rec | 1 | 10/30/2023 1:29:37 PM |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst: JJP |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 10/30/2023 1:29:37 PM |
| Toluene | ND | 0.047 | | mg/Kg | 1 | 10/30/2023 1:29:37 PM |
| Ethylbenzene | ND | 0.047 | | mg/Kg | 1 | 10/30/2023 1:29:37 PM |
| Xylenes, Total | ND | 0.094 | | mg/Kg | 1 | 10/30/2023 1:29:37 PM |
| Surr: 4-Bromofluorobenzene | 102 | 39.1-146 | | %Rec | 1 | 10/30/2023 1:29:37 PM |
| EPA METHOD 300.0: ANIONS | | | | | | Analyst: SNS |
| Chloride | ND | 60 | | mg/Kg | 20 | 10/28/2023 12:49:02 PM |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |
| | | | | |

Analytical Report

Lab Order 2310C90

Date Reported: 11/6/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY

Client Sample ID: TP04@9'

Project: Snyder GC B 1M

Collection Date: 10/25/2023 10:43:00 AM

Lab ID: 2310C90-008

Matrix: SOIL

Received Date: 10/27/2023 7:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|--|--------|----------|------|-------|----|-----------------------|
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | Analyst: PRD |
| Diesel Range Organics (DRO) | ND | 9.6 | | mg/Kg | 1 | 10/27/2023 9:29:06 PM |
| Motor Oil Range Organics (MRO) | ND | 48 | | mg/Kg | 1 | 10/27/2023 9:29:06 PM |
| Surr: DNOP | 102 | 69-147 | | %Rec | 1 | 10/27/2023 9:29:06 PM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | Analyst: JJP |
| Gasoline Range Organics (GRO) | ND | 4.7 | | mg/Kg | 1 | 10/30/2023 1:53:01 PM |
| Surr: BFB | 94.4 | 15-244 | | %Rec | 1 | 10/30/2023 1:53:01 PM |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst: JJP |
| Benzene | ND | 0.023 | | mg/Kg | 1 | 10/30/2023 1:53:01 PM |
| Toluene | ND | 0.047 | | mg/Kg | 1 | 10/30/2023 1:53:01 PM |
| Ethylbenzene | ND | 0.047 | | mg/Kg | 1 | 10/30/2023 1:53:01 PM |
| Xylenes, Total | ND | 0.093 | | mg/Kg | 1 | 10/30/2023 1:53:01 PM |
| Surr: 4-Bromofluorobenzene | 102 | 39.1-146 | | %Rec | 1 | 10/30/2023 1:53:01 PM |
| EPA METHOD 300.0: ANIONS | | | | | | Analyst: SNS |
| Chloride | ND | 60 | | mg/Kg | 20 | 10/28/2023 1:01:26 PM |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: 2310C90
06-Nov-23

Client: HILCORP ENERGY
Project: Snyder GC B 1M

| | | |
|-----------------------|---------------------------|--|
| Sample ID: MB-78426 | SampType: MBLK | TestCode: EPA Method 300.0: Anions |
| Client ID: PBS | Batch ID: 78426 | RunNo: 100786 |
| Prep Date: 10/27/2023 | Analysis Date: 10/27/2023 | SeqNo: 3697349 Units: mg/Kg |
| Analyte | Result | PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual |
| Chloride | ND | 1.5 |

| | | |
|-----------------------|---------------------------|--|
| Sample ID: LCS-78426 | SampType: LCS | TestCode: EPA Method 300.0: Anions |
| Client ID: LCSS | Batch ID: 78426 | RunNo: 100786 |
| Prep Date: 10/27/2023 | Analysis Date: 10/27/2023 | SeqNo: 3697350 Units: mg/Kg |
| Analyte | Result | PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual |
| Chloride | 14 | 1.5 15.00 0 91.3 90 110 |

Qualifiers:

| | |
|-----|---|
| * | Value exceeds Maximum Contaminant Level. |
| D | Sample Diluted Due to Matrix |
| H | Holding times for preparation or analysis exceeded |
| ND | Not Detected at the Reporting Limit |
| PQL | Practical Quantitative Limit |
| S | % Recovery outside of standard limits. If undiluted results may be estimated. |

| | |
|----|---|
| B | Analyte detected in the associated Method Blank |
| E | Above Quantitation Range/Estimated Value |
| J | Analyte detected below quantitation limits |
| P | Sample pH Not In Range |
| RL | Reporting Limit |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2310C90

06-Nov-23

Client: HILCORP ENERGY

Project: Snyder GC B 1M

| | | | | | | | | | | |
|------------------------------|----------------------------------|-----|--|-------------|---------------------|----------|-----------|------|----------|------|
| Sample ID: LCS-78420 | SampType: LCS | | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | |
| Client ID: LCSS | Batch ID: 78420 | | RunNo: 100779 | | | | | | | |
| Prep Date: 10/27/2023 | Analysis Date: 10/27/2023 | | SeqNo: 3697664 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 45 | 10 | 50.00 | 0 | 91.0 | 61.9 | 130 | | | |
| Surr: DNOP | 5.9 | | 5.000 | | 118 | 69 | 147 | | | |

| | | | | | | | | | | |
|--------------------------------|----------------------------------|-----|--|-------------|---------------------|----------|-----------|------|----------|------|
| Sample ID: MB-78420 | SampType: MBLK | | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | |
| Client ID: PBS | Batch ID: 78420 | | RunNo: 100779 | | | | | | | |
| Prep Date: 10/27/2023 | Analysis Date: 10/27/2023 | | SeqNo: 3697666 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 10 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | 10 | | 10.00 | | 102 | 69 | 147 | | | |

Qualifiers:

| | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2310C90

06-Nov-23

Client: HILCORP ENERGY

Project: Snyder GC B 1M

| | | | | | | | | | | |
|-------------------------------|----------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Sample ID: lcs-78414 | SampType: LCS | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
| Client ID: LCSS | Batch ID: 78414 | RunNo: 100815 | | | | | | | | |
| Prep Date: 10/27/2023 | Analysis Date: 10/30/2023 | SeqNo: 3698447 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 21 | 5.0 | 25.00 | 0 | 85.9 | 70 | 130 | | | |
| Surr: BFB | 1900 | | 1000 | | 188 | 15 | 244 | | | |

| | | | | | | | | | | |
|-------------------------------|----------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Sample ID: mb-78414 | SampType: MBLK | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
| Client ID: PBS | Batch ID: 78414 | RunNo: 100815 | | | | | | | | |
| Prep Date: 10/27/2023 | Analysis Date: 10/30/2023 | SeqNo: 3698671 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND | 5.0 | | | | | | | | |
| Surr: BFB | 930 | | 1000 | | 93.4 | 15 | 244 | | | |

Qualifiers:

| | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**WO#: **2310C90****06-Nov-23****Client:** HILCORP ENERGY**Project:** Snyder GC B 1M

| Sample ID: LCS-78414 | SampType: LCS | | TestCode: EPA Method 8021B: Volatiles | | | | | | | |
|------------------------------|----------------------------------|-------|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 78414 | | RunNo: 100815 | | | | | | | |
| Prep Date: 10/27/2023 | Analysis Date: 10/30/2023 | | SeqNo: 3698449 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.91 | 0.025 | 1.000 | 0 | 91.2 | 70 | 130 | | | |
| Toluene | 0.93 | 0.050 | 1.000 | 0 | 93.1 | 70 | 130 | | | |
| Ethylbenzene | 0.94 | 0.050 | 1.000 | 0 | 94.2 | 70 | 130 | | | |
| Xylenes, Total | 2.8 | 0.10 | 3.000 | 0 | 94.2 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 1.0 | | 1.000 | | 101 | 39.1 | 146 | | | |

| Sample ID: mb-78414 | SampType: MBLK | | TestCode: EPA Method 8021B: Volatiles | | | | | | | |
|------------------------------|----------------------------------|-------|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 78414 | | RunNo: 100815 | | | | | | | |
| Prep Date: 10/27/2023 | Analysis Date: 10/30/2023 | | SeqNo: 3698674 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 0.025 | | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 1.0 | | 1.000 | | 101 | 39.1 | 146 | | | |

Qualifiers:

| | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: HILCORP ENERGY

Work Order Number: 2310C90

RcptNo: 1

Received By: Cheyenne Cason 10/27/2023 7:30:00 AM

Completed By: Desiree Dominguez 10/27/2023 8:28:42 AM

Reviewed By: scm 10/26/23

Chul

ID2

Chain of Custody

1. Is Chain of Custody complete? Yes ☐ No ☒ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. Received at least 1 vial with headspace $<1/4$ " for AQ VOA? Yes ☐ No ☐ NA ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? _____

Checked by: me 10/27/23

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

Client requested 24 hour rush upon arrival. -DAD 10/27/23

17. Cooler Information

| Cooler No | Temp $^{\circ}\text{C}$ | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|-----------|-------------------------|-----------|-------------|---------|-----------|-----------|
| 1 | 4.2 | Good | Yes | Morty | | |
| 2 | 2.4 | Good | Yes | Morty | | |

Andy Freeman

From: Kate Kaufman <kkaufman@hilcorp.com>
Sent: Thursday, October 26, 2023 2:54 PM
To: Andy Freeman; Stuart Hyde
Subject: Samples for the Snyder GC B #1M

Importance: High

Good afternoon Andy –

Ensolum submitted samples for the Snyder Gas Com B #1M yesterday (maybe arriving today). They were on a standard TAT. Can I request a rush TAT for those samples?

Please confirm and let me know if you have any questions.

Thanks!
Kate

Kate Kaufman | Senior Environmental Specialist | Hilcorp Energy Company
O: 346-237-2275 | C: 907-244-8292 | kkaufman@hilcorp.com
1111 Travis St. | Houston | TX | 77002

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While all reasonable care has been taken to avoid the transmission of viruses, it is the responsibility of the recipient to ensure that the onward transmission, opening, or use of this message and any attachments will not adversely affect its systems or data. No responsibility is accepted by the company in this regard and the recipient should carry out such virus and other checks as it considers appropriate.

24hr per Andy
203 10/27/23



Environment Testing

Eurofins Environment Testing South
Central, LLC
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

November 13, 2023

Kate Kaufman
HILCORP ENERGY
PO Box 4700
Farmington, NM 87499
TEL: (505) 564-0733
FAX:

RE: Snyder GC B1M

OrderNo.: 2311161

Dear Kate Kaufman:

Eurofins Environment Testing South Central, LLC received 1 sample(s) on 11/3/2023 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please do not hesitate to contact Eurofins Albuquerque for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", written in a cursive style.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2311161

Date Reported: 11/13/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY

Client Sample ID: FS01

Project: Snyder GC B1M

Collection Date: 11/2/2023 11:20:00 AM

Lab ID: 2311161-001

Matrix: SOIL

Received Date: 11/3/2023 7:55:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|--|--------|----------|------|-------|----|-----------------------|
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | Analyst: PRD |
| Diesel Range Organics (DRO) | 260 | 91 | | mg/Kg | 10 | 11/3/2023 10:42:08 AM |
| Motor Oil Range Organics (MRO) | 1700 | 450 | | mg/Kg | 10 | 11/3/2023 10:42:08 AM |
| Surr: DNOP | 0 | 69-147 | S | %Rec | 10 | 11/3/2023 10:42:08 AM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | Analyst: KMN |
| Gasoline Range Organics (GRO) | 12 | 3.0 | | mg/Kg | 1 | 11/3/2023 11:09:00 AM |
| Surr: BFB | 241 | 15-244 | | %Rec | 1 | 11/3/2023 11:09:00 AM |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst: KMN |
| Benzene | ND | 0.015 | | mg/Kg | 1 | 11/3/2023 11:09:00 AM |
| Toluene | ND | 0.030 | | mg/Kg | 1 | 11/3/2023 11:09:00 AM |
| Ethylbenzene | ND | 0.030 | | mg/Kg | 1 | 11/3/2023 11:09:00 AM |
| Xylenes, Total | 0.068 | 0.061 | | mg/Kg | 1 | 11/3/2023 11:09:00 AM |
| Surr: 4-Bromofluorobenzene | 110 | 39.1-146 | | %Rec | 1 | 11/3/2023 11:09:00 AM |
| EPA METHOD 300.0: ANIONS | | | | | | Analyst: KCB |
| Chloride | ND | 60 | | mg/Kg | 20 | 11/3/2023 10:11:50 AM |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |
| | | | | |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2311161

13-Nov-23

Client: HILCORP ENERGY

Project: Snyder GC BIM

| | | | | | | | | | | |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Sample ID: MB-78551 | SampType: MBLK | TestCode: EPA Method 300.0: Anions | | | | | | | | |
| Client ID: PBS | Batch ID: 78551 | RunNo: 100947 | | | | | | | | |
| Prep Date: 11/3/2023 | Analysis Date: 11/3/2023 | SeqNo: 3705446 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| | | | | | | | | | | |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Sample ID: LCS-78551 | SampType: LCS | TestCode: EPA Method 300.0: Anions | | | | | | | | |
| Client ID: LCSS | Batch ID: 78551 | RunNo: 100947 | | | | | | | | |
| Prep Date: 11/3/2023 | Analysis Date: 11/3/2023 | SeqNo: 3705447 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 14 | 1.5 | 15.00 | 0 | 93.2 | 90 | 110 | | | |

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank
E Above Quantitation Range/Estimated Value
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

Page 2 of 6

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2311161

13-Nov-23

Client: HILCORP ENERGY**Project:** Snyder GC BIM

| Sample ID: LCS-78534 | SampType: LCS | | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | |
|-----------------------------|---------------------------------|-----|--|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 78534 | | RunNo: 100940 | | | | | | | |
| Prep Date: 11/2/2023 | Analysis Date: 11/3/2023 | | SeqNo: 3704561 | | Units: %Rec | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | 5.5 | | 5.000 | | 111 | 69 | 147 | | | |

| Sample ID: LCS-78548 | SampType: LCS | | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | |
|-----------------------------|---------------------------------|-----|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 78548 | | RunNo: 100940 | | | | | | | |
| Prep Date: 11/3/2023 | Analysis Date: 11/3/2023 | | SeqNo: 3704562 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 47 | 10 | 50.00 | 0 | 94.8 | 61.9 | 130 | | | |
| Surr: DNOP | 5.6 | | 5.000 | | 113 | 69 | 147 | | | |

| Sample ID: MB-78534 | SampType: MBLK | | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | |
|-----------------------------|---------------------------------|-----|--|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 78534 | | RunNo: 100940 | | | | | | | |
| Prep Date: 11/2/2023 | Analysis Date: 11/3/2023 | | SeqNo: 3704563 | | Units: %Rec | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | 9.0 | | 10.00 | | 90.0 | 69 | 147 | | | |

| Sample ID: MB-78548 | SampType: MBLK | | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | |
|--------------------------------|---------------------------------|-----|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 78548 | | RunNo: 100940 | | | | | | | |
| Prep Date: 11/3/2023 | Analysis Date: 11/3/2023 | | SeqNo: 3704564 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 10 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | 9.9 | | 10.00 | | 98.8 | 69 | 147 | | | |

| Sample ID: LCS-78541 | SampType: LCS | | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | |
|-----------------------------|---------------------------------|-----|--|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 78541 | | RunNo: 100940 | | | | | | | |
| Prep Date: 11/2/2023 | Analysis Date: 11/3/2023 | | SeqNo: 3705011 | | Units: %Rec | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | 8.7 | | 5.000 | | 174 | 69 | 147 | | | S |

| Sample ID: LCS-78561 | SampType: LCS | | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | |
|-----------------------------|---------------------------------|-----|--|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 78561 | | RunNo: 100940 | | | | | | | |
| Prep Date: 11/3/2023 | Analysis Date: 11/4/2023 | | SeqNo: 3705013 | | Units: %Rec | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | 5.5 | | 5.000 | | 111 | 69 | 147 | | | |

Qualifiers:

| | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |

Page 3 of 6

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2311161

13-Nov-23

Client: HILCORP ENERGY

Project: Snyder GC BIM

| | | | | | | | | | | |
|----------------------|--------------------------|---|-------------|-------------|------|----------|-----------|------|----------|------|
| Sample ID: MB-78541 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
| Client ID: PBS | Batch ID: 78541 | RunNo: 100940 | | | | | | | | |
| Prep Date: 11/2/2023 | Analysis Date: 11/3/2023 | SeqNo: 3705015 | Units: %Rec | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | 14 | | 10.00 | | 140 | 69 | 147 | | | |

| | | | | | | | | | | |
|----------------------|--------------------------|---|-------------|-------------|------|----------|-----------|------|----------|------|
| Sample ID: MB-78561 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
| Client ID: PBS | Batch ID: 78561 | RunNo: 100940 | | | | | | | | |
| Prep Date: 11/3/2023 | Analysis Date: 11/4/2023 | SeqNo: 3705017 | Units: %Rec | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | 9.1 | | 10.00 | | 91.2 | 69 | 147 | | | |

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank
E Above Quantitation Range/Estimated Value
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

Page 4 of 6

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2311161

13-Nov-23

Client: HILCORP ENERGY**Project:** Snyder GC B1M

| Sample ID: 2.5ug gro lcs | SampType: LCS | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | |
|---------------------------------|---------------------------------|-----|---|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: GS100941 | | RunNo: 100941 | | | | | | | |
| Prep Date: | Analysis Date: 11/3/2023 | | SeqNo: 3704570 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 24 | 5.0 | 25.00 | 0 | 95.6 | 70 | 130 | | | |
| Surr: BFB | 2300 | | 1000 | | 232 | 15 | 244 | | | |

| Sample ID: mb | SampType: MBLK | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | |
|-------------------------------|---------------------------------|-----|---|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: GS100941 | | RunNo: 100941 | | | | | | | |
| Prep Date: | Analysis Date: 11/3/2023 | | SeqNo: 3704571 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND | 5.0 | | | | | | | | |
| Surr: BFB | 1100 | | 1000 | | 105 | 15 | 244 | | | |

| Sample ID: 2311161-001ams | SampType: MS | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | |
|----------------------------------|---------------------------------|-----|---|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: FS01 | Batch ID: GS100941 | | RunNo: 100941 | | | | | | | |
| Prep Date: | Analysis Date: 11/3/2023 | | SeqNo: 3705067 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 28 | 3.0 | 15.16 | 12.35 | 102 | 70 | 130 | | | |
| Surr: BFB | 2200 | | 606.4 | | 362 | 15 | 244 | | | S |

| Sample ID: 2311161-001amsd | SampType: MSD | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | |
|-----------------------------------|---------------------------------|-----|---|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: FS01 | Batch ID: GS100941 | | RunNo: 100941 | | | | | | | |
| Prep Date: | Analysis Date: 11/3/2023 | | SeqNo: 3705068 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 26 | 3.0 | 15.16 | 12.35 | 92.2 | 70 | 130 | 5.51 | 20 | |
| Surr: BFB | 2100 | | 606.4 | | 349 | 15 | 244 | 0 | 0 | S |

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank
E Above Quantitation Range/Estimated Value
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2311161

13-Nov-23

Client: HILCORP ENERGY**Project:** Snyder GC B1M

| Sample ID: 100ng btex lcs | SampType: LCS | | | TestCode: EPA Method 8021B: Volatiles | | | | | | |
|----------------------------------|---------------------------------|-------|-----------|--|------|---------------------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: BS100941 | | | RunNo: 100941 | | | | | | |
| Prep Date: | Analysis Date: 11/3/2023 | | | SeqNo: 3704573 | | Units: mg/Kg | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.86 | 0.025 | 1.000 | 0 | 85.8 | 70 | 130 | | | |
| Toluene | 0.86 | 0.050 | 1.000 | 0 | 85.9 | 70 | 130 | | | |
| Ethylbenzene | 0.88 | 0.050 | 1.000 | 0 | 88.0 | 70 | 130 | | | |
| Xylenes, Total | 2.6 | 0.10 | 3.000 | 0 | 87.5 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 0.92 | | 1.000 | | 91.6 | 39.1 | 146 | | | |

| Sample ID: mb | SampType: MBLK | | | TestCode: EPA Method 8021B: Volatiles | | | | | | |
|----------------------------|---------------------------------|-------|-----------|--|------|---------------------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: BS100941 | | | RunNo: 100941 | | | | | | |
| Prep Date: | Analysis Date: 11/3/2023 | | | SeqNo: 3704574 | | Units: mg/Kg | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 0.025 | | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 0.90 | | 1.000 | | 90.0 | 39.1 | 146 | | | |

| Sample ID: 2311161-001ams | SampType: MS | | | TestCode: EPA Method 8021B: Volatiles | | | | | | |
|----------------------------------|---------------------------------|-------|-----------|--|------|---------------------|-----------|------|----------|------|
| Client ID: FS01 | Batch ID: BS100941 | | | RunNo: 100941 | | | | | | |
| Prep Date: | Analysis Date: 11/3/2023 | | | SeqNo: 3705024 | | Units: mg/Kg | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.50 | 0.015 | 0.6064 | 0 | 82.3 | 70 | 130 | | | |
| Toluene | 0.50 | 0.030 | 0.6064 | 0 | 82.1 | 70 | 130 | | | |
| Ethylbenzene | 0.52 | 0.030 | 0.6064 | 0.006749 | 84.9 | 70 | 130 | | | |
| Xylenes, Total | 1.6 | 0.061 | 1.819 | 0.06827 | 83.7 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 0.67 | | 0.6064 | | 110 | 39.1 | 146 | | | |

| Sample ID: 2311161-001amsd | SampType: MSD | | | TestCode: EPA Method 8021B: Volatiles | | | | | | |
|-----------------------------------|---------------------------------|-------|-----------|--|------|---------------------|-----------|--------|----------|------|
| Client ID: FS01 | Batch ID: BS100941 | | | RunNo: 100941 | | | | | | |
| Prep Date: | Analysis Date: 11/3/2023 | | | SeqNo: 3705025 | | Units: mg/Kg | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.50 | 0.015 | 0.6064 | 0 | 82.2 | 70 | 130 | 0.109 | 20 | |
| Toluene | 0.50 | 0.030 | 0.6064 | 0 | 82.0 | 70 | 130 | 0.175 | 20 | |
| Ethylbenzene | 0.52 | 0.030 | 0.6064 | 0.006749 | 84.7 | 70 | 130 | 0.314 | 20 | |
| Xylenes, Total | 1.6 | 0.061 | 1.819 | 0.06827 | 83.8 | 70 | 130 | 0.0838 | 20 | |
| Surr: 4-Bromofluorobenzene | 0.66 | | 0.6064 | | 108 | 39.1 | 146 | 0 | 0 | |

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank
E Above Quantitation Range/Estimated Value
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit



Environment Testin

Eurofins Environment Testing South

Central, LLC

4901 Hawkins NE

Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107

Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: Hilcorp Energy

Work Order Number: 2311161

RcptNo: 1

Received By: Tracy Casarrubias

11/3/2023 7:55:00 AM

Completed By: Tracy Casarrubias

11/3/2023 8:20:36 AM

Reviewed By:

TM 11/3/23

Chain of Custody

1. Is Chain of Custody complete? Yes ☐ No ☒ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. Received at least 1 vial with headspace $<1/4"$ for AQ VOA? Yes ☐ No ☐ NA ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved
bottles checked
for pH:

<2 or >12 unless noted)

Adjusted?

Checked by:

SCM 11/3/23

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified:

Date:

By Whom:

Via:

☐ eMail☐ Phone☐ Fax☐ In Person

Regarding:

Client Instructions: Mailing address, phone number, and Email/Fax are missing on COC- TMC 11/3/23

16. Additional remarks:

17. Cooler Information

| Cooler No | Temp $^{\circ}\text{C}$ | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|-----------|-------------------------|-----------|-------------|---------|-----------|-----------|
| 1 | 1.3 | Good | Yes | Yogi | | |



Environment Testing

Eurofins Environment Testing South
Central, LLC
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

November 17, 2023

Mitch Killough

HILCORP ENERGY

PO Box 4700

Farmington, NM 87499

TEL: (505) 564-0733

FAX:

RE: Snyder GC B 1M

OrderNo.: 2311559

Dear Mitch Killough:

Eurofins Environment Testing South Central, LLC received 1 sample(s) on 11/10/2023 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please do not hesitate to contact Eurofins Albuquerque for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", with a stylized flourish at the end.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 2311559

Date Reported: 11/17/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY

Client Sample ID: FS 01 B

Project: Snyder GC B 1M

Collection Date: 11/9/2023 10:00:00 AM

Lab ID: 2311559-001

Matrix: MEOH (SOIL)

Received Date: 11/10/2023 7:00:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|--|--------|----------|------|-------|----|------------------------|
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | Analyst: mb |
| Diesel Range Organics (DRO) | ND | 9.6 | | mg/Kg | 1 | 11/10/2023 10:35:12 AM |
| Motor Oil Range Organics (MRO) | ND | 48 | | mg/Kg | 1 | 11/10/2023 10:35:12 AM |
| Surr: DNOP | 125 | 69-147 | | %Rec | 1 | 11/10/2023 10:35:12 AM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 3.3 | | mg/Kg | 1 | 11/10/2023 11:44:00 AM |
| Surr: BFB | 104 | 15-244 | | %Rec | 1 | 11/10/2023 11:44:00 AM |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst: RAA |
| Benzene | ND | 0.017 | | mg/Kg | 1 | 11/10/2023 11:44:00 AM |
| Toluene | ND | 0.033 | | mg/Kg | 1 | 11/10/2023 11:44:00 AM |
| Ethylbenzene | ND | 0.033 | | mg/Kg | 1 | 11/10/2023 11:44:00 AM |
| Xylenes, Total | ND | 0.067 | | mg/Kg | 1 | 11/10/2023 11:44:00 AM |
| Surr: 4-Bromofluorobenzene | 99.2 | 39.1-146 | | %Rec | 1 | 11/10/2023 11:44:00 AM |
| EPA METHOD 300.0: ANIONS | | | | | | Analyst: JMT |
| Chloride | ND | 60 | | mg/Kg | 20 | 11/13/2023 7:27:41 AM |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Above Quantitation Range/Estimated Value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of standard limits. If undiluted results may be estimated. | | |
| | | | | |

Page 1 of 5

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2311559

17-Nov-23

Client: HILCORP ENERGY

Project: Snyder GC B 1M

| | | | | | | | | | | |
|-----------------------|---------------------------|------------------------------------|--------------|-------------|------|----------|-----------|------|----------|------|
| Sample ID: LCS-78715 | SampType: LCS | TestCode: EPA Method 300.0: Anions | | | | | | | | |
| Client ID: LCSS | Batch ID: 78715 | RunNo: 101137 | | | | | | | | |
| Prep Date: 11/13/2023 | Analysis Date: 11/13/2023 | SeqNo: 3714749 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 14 | 1.5 | 15.00 | 0 | 95.4 | 90 | 110 | | | |

| | | | | | | | | | | |
|-----------------------|---------------------------|------------------------------------|--------------|-------------|------|----------|-----------|------|----------|------|
| Sample ID: MB-78715 | SampType: mblk | TestCode: EPA Method 300.0: Anions | | | | | | | | |
| Client ID: PBS | Batch ID: 78715 | RunNo: 101137 | | | | | | | | |
| Prep Date: 11/13/2023 | Analysis Date: 11/13/2023 | SeqNo: 3714750 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

Qualifiers:

*

Value exceeds Maximum Contaminant Level.

D

Sample Diluted Due to Matrix

H

Holding times for preparation or analysis exceeded

ND

Not Detected at the Reporting Limit

PQL

Practical Quantitative Limit

S

% Recovery outside of standard limits. If undiluted results may be estimated.

B

Analyte detected in the associated Method Blank

E

Above Quantitation Range/Estimated Value

J

Analyte detected below quantitation limits

P

Sample pH Not In Range

RL

Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2311559

17-Nov-23

Client: HILCORP ENERGY**Project:** Snyder GC B 1M

| Sample ID: LCS-78699 | SampType: LCS | | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | |
|------------------------------|----------------------------------|-----|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 78699 | | RunNo: 101089 | | | | | | | |
| Prep Date: 11/10/2023 | Analysis Date: 11/10/2023 | | SeqNo: 3711624 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 44 | 10 | 50.00 | 0 | 87.7 | 61.9 | 130 | | | |
| Surr: DNOP | 4.7 | | 5.000 | | 93.4 | 69 | 147 | | | |

| Sample ID: MB-78699 | SampType: MBLK | | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | |
|--------------------------------|----------------------------------|-----|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 78699 | | RunNo: 101089 | | | | | | | |
| Prep Date: 11/10/2023 | Analysis Date: 11/10/2023 | | SeqNo: 3711626 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 10 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | 9.6 | | 10.00 | | 96.3 | 69 | 147 | | | |

| Sample ID: LCS-78701 | SampType: LCS | | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | |
|------------------------------|----------------------------------|-----|--|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 78701 | | RunNo: 101089 | | | | | | | |
| Prep Date: 11/10/2023 | Analysis Date: 11/11/2023 | | SeqNo: 3713386 | | Units: %Rec | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | 4.8 | | 5.000 | | 96.9 | 69 | 147 | | | |

| Sample ID: MB-78701 | SampType: MBLK | | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | |
|------------------------------|----------------------------------|-----|--|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 78701 | | RunNo: 101089 | | | | | | | |
| Prep Date: 11/10/2023 | Analysis Date: 11/11/2023 | | SeqNo: 3713388 | | Units: %Rec | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | 10 | | 10.00 | | 101 | 69 | 147 | | | |

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank
E Above Quantitation Range/Estimated Value
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

Page 3 of 5

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2311559

17-Nov-23

Client: HILCORP ENERGY**Project:** Snyder GC B 1M

| Sample ID: 2.5ug gro lcs | SampType: LCS | | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | |
|---------------------------------|----------------------------------|-----|-----------|---|------|----------|---------------------|------|----------|------|
| Client ID: LCSS | Batch ID: R101095 | | | RunNo: 101095 | | | | | | |
| Prep Date: | Analysis Date: 11/10/2023 | | | SeqNo: 3712131 | | | Units: mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 23 | 5.0 | 25.00 | 0 | 93.2 | 70 | 130 | | | |
| Surr: BFB | 2200 | | 1000 | | 222 | 15 | 244 | | | |

| Sample ID: mb | SampType: MBLK | | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | |
|-------------------------------|----------------------------------|-----|-----------|---|------|----------|---------------------|------|----------|------|
| Client ID: PBS | Batch ID: R101095 | | | RunNo: 101095 | | | | | | |
| Prep Date: | Analysis Date: 11/10/2023 | | | SeqNo: 3712132 | | | Units: mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND | 5.0 | | | | | | | | |
| Surr: BFB | 1100 | | 1000 | | 106 | 15 | 244 | | | |

| Sample ID: 2311559-001ams | SampType: MS | | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | |
|----------------------------------|----------------------------------|-----|-----------|---|------|----------|---------------------|------|----------|------|
| Client ID: FS 01 B | Batch ID: R101095 | | | RunNo: 101095 | | | | | | |
| Prep Date: | Analysis Date: 11/10/2023 | | | SeqNo: 3713259 | | | Units: mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 15 | 3.3 | 16.75 | 0 | 87.4 | 70 | 130 | | | |
| Surr: BFB | 1500 | | 669.8 | | 219 | 15 | 244 | | | |

| Sample ID: 2311559-001amsd | SampType: MSD | | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | |
|-----------------------------------|----------------------------------|-----|-----------|---|------|----------|---------------------|------|----------|------|
| Client ID: FS 01 B | Batch ID: R101095 | | | RunNo: 101095 | | | | | | |
| Prep Date: | Analysis Date: 11/10/2023 | | | SeqNo: 3713260 | | | Units: mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 14 | 3.3 | 16.75 | 0 | 83.0 | 70 | 130 | 5.12 | 20 | |
| Surr: BFB | 1400 | | 669.8 | | 210 | 15 | 244 | 0 | 0 | |

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank
E Above Quantitation Range/Estimated Value
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2311559

17-Nov-23

Client: HILCORP ENERGY

Project: Snyder GC B 1M

| | | | | | | | | | | |
|----------------------------|---------------------------|-------|---------------------------------------|-------------|--------------|----------|-----------|------|----------|------|
| Sample ID: 100ng btex lcs | SampType: LCS | | TestCode: EPA Method 8021B: Volatiles | | | | | | | |
| Client ID: LCSS | Batch ID: BS101095 | | RunNo: 101095 | | | | | | | |
| Prep Date: | Analysis Date: 11/10/2023 | | SeqNo: 3712135 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.97 | 0.025 | 1.000 | 0 | 96.6 | 70 | 130 | | | |
| Toluene | 0.97 | 0.050 | 1.000 | 0 | 97.4 | 70 | 130 | | | |
| Ethylbenzene | 1.0 | 0.050 | 1.000 | 0 | 99.9 | 70 | 130 | | | |
| Xylenes, Total | 3.0 | 0.10 | 3.000 | 0 | 99.5 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 1.0 | | 1.000 | | 101 | 39.1 | 146 | | | |

| | | | | | | | | | | |
|----------------------------|---------------------------|-------|---------------------------------------|-------------|--------------|----------|-----------|------|----------|------|
| Sample ID: mb | SampType: MBLK | | TestCode: EPA Method 8021B: Volatiles | | | | | | | |
| Client ID: PBS | Batch ID: BS101095 | | RunNo: 101095 | | | | | | | |
| Prep Date: | Analysis Date: 11/10/2023 | | SeqNo: 3712136 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 0.025 | | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 0.99 | | 1.000 | | 98.8 | 39.1 | 146 | | | |

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank
E Above Quantitation Range/Estimated Value
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

Sample Log-In Check List

Client Name: HILCORP ENERGY

Work Order Number: 2311559

RcptNo: 1

Received By: Juan Rojas

11/10/2023 7:00:00 AM

Completed By: Tracy Casarrubias

11/10/2023 7:27:44 AM

Reviewed By:

CJR 11-10-23

*Juan Rojas*Chain of Custody1. Is Chain of Custody complete? Yes ☐ No ☒ Not Present ☐2. How was the sample delivered? CourierLog In3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐4. Were all samples received at a temperature of >0° C to 6.0°C Yes ☒ No ☐ NA ☐5. Sample(s) in proper container(s)? Yes ☒ No ☐6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes ☐ No ☐ NA ☒10. Were any sample containers received broken? Yes ☐ No ☒11. Does paperwork match bottle labels? Yes ☒ No ☐

(Note discrepancies on chain of custody)

12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐13. Is it clear what analyses were requested? Yes ☒ No ☐14. Were all holding times able to be met? Yes ☒ No ☐

(If no, notify customer for authorization.)

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? _____

Checked by: *Yogi 11/10/23*Special Handling (if applicable)15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: Mailing address, phone number, and Email/Fax are missing on COC- TMC 11/10/23

16. Additional remarks:

17. Cooler Information

| Cooler No | Temp °C | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|-----------|---------|-----------|-------------|---------|-----------|-----------|
| 1 | 0.4 | Good | Yes | Yogi | | |

Kate Kaufman

From: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Sent: Friday, November 17, 2023 2:17 PM
To: Kate Kaufman
Subject: Re: [EXTERNAL] Snyder Gas Com B #1M BGT Closure (Incident ID nAPP2331753209).

Follow Up Flag: Follow up
Flag Status: Flagged

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

Good afternoon Kate,

Thank you for the correspondence. OCD accepts the oversight acknowledgement and will forgo any enforcement toward its intended effect.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

Regards,

Nelson Velez • Environmental Specialist - Adv
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>



From: Kate Kaufman <kkaufman@hilcorp.com>
Sent: Friday, November 17, 2023 1:00 PM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Subject: [EXTERNAL] Snyder Gas Com B #1M BGT Closure (Incident ID nAPP2331753209).

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

Good afternoon Nelson,

I am reaching out regarding closure reporting for a historic release discovered during BGT removal operations. We closed the Snyder Gas Com B #1M BGT, delineated and ultimately remediated a historic release via dig and haul. The final closure samples were collected on 11/9. Due to an administrative oversight, Hilcorp neglected to provide the 72

hour notice required by NMOCD regulations. I apologize for this error and would like to request a waiver for the closure sampling notification.

Please let me know if you have any questions or require additional information.

Thank you,

Kate

Kate Kaufman | Senior Environmental Specialist | Hilcorp Energy Company

O: 346-237-2275 | C: 907-244-8292 | kkaufman@hilcorp.com

1111 Travis St. | Houston | TX | 77002

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1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 288565

CONDITIONS

| | |
|--|---|
| Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002 | OGRID: 372171 |
| | Action Number: 288565 |
| | Action Type: [C-141] Release Corrective Action (C-141) |

CONDITIONS

| | | |
|------------|-----------|----------------|
| Created By | Condition | Condition Date |
| nvelez | None | 2/21/2024 |