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

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

I Release Notification

			Res	ponsi	ible Party	V					
Responsible Party Hilcorp Energy OGR					OGRID 37	2171					
Contact Name Billy Ginn					Contact Te	tact Telephone 346-237-2073					
Contact email William.ginn@hilcorp.com Incident					Incident #	‡ (assigned by OCD) nCS2129551635					
Contact mailing address 382 CR 3100 Aztec NM 87410											
			Location	n of F	Release So	ource					
Latitude 36.5	510195		(NAD 83 in d	lecimal de	Longitude - egrees to 5 decim	107.189962 al places)					
Site Name Tr	ribal C 1				Site Type V	Vell Site (Plugg	ged)				
Date Release	Discovered	10/8/2021			API# (if appl	licable) 30-039-06	655				
Unit Letter	Section	Township	Range		Coun	ty]				
M	06	26N	3W	Rio	Arriba]				
Surface Owne	r: State	☐ Federal ⊠ T	ribal Private	`		se (<mark>Update</mark>) •d)				
Crude Oi		l(s) Released (Select a Volume Release		ch calcula	tions or specific	volume Reco	e volumes provided below)				
Produced		Volume Release				Volume Recovered (bbls)					
		Is the concentra	tion of dissolved	chlorid	e in the	Yes No					
Condensa	nte	produced water Volume Release			Volume Recovered (bbls)						
Natural Gas Volume Released (Mcf)				Volume Recovered (Mcf)							
∑ Other (describe) Historic Hydrocarbon Volume/Weight Released (provide unit Unknown			de units	ts) Volume/Weight Recovered (provide units) <1 bbl							
historic hydroto only surface	closure activocarbons at the central state of the c	the Tribal C 1 (AF	I No. 30-039-060. The visibly-imp	655). The acted s	he release was	s due historic c	filcorp) discovered a release of <1 bbl of contamination. The release was isolated ximately 14 ft x 14 ft (196 ft2) on the				



Was this a major

State of New Mexico Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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Was this a major	If YES, for what reason(s) does the responsible party consider this a major release?
release as defined by	Historic release
19.15.29.7(A) NMAC?	
☐ Yes ☐ No	
2000	
If YES, was immediate no N/A	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
	Initial Response
The responsible p	arty must undertake the following actions immediately unless they could create a safety hazard that would result in injury
	and the second second immediately alliess arey could event a sujety hazara mai would result in injury
☐ The source of the rele	ase has been stopped.
	s been secured to protect human health and the environment.
l	ve been contained via the use of berms or dikes, absorbent pads, or other containment devices.
	coverable materials have been removed and managed appropriately.
If all the actions described	above have not been undertaken, explain why:
This is a historic release a	nd there was no active source at the time of discovery.
	and the second of the same of
Per 19.15.29.8 B. (4) NM	AC 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
	t area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the inform	mation given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and
public health or the environm	equired to report and/or file certain release notifications and perform corrective actions for releases which may endanger ent. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have
failed to adequately investiga	te and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In
addition, OCD acceptance of and/or regulations.	a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws
-	
Printed Name:Billy Gir	nn Title:Environmental Specialist
Signature:	Date:10/20/2021
cinanwintam.gnm@n	Telephone:346-237-2073
OCD Only	
Received by:	Date:

Received by OCD: 11/29/2021 9:57:43 AM

Received by OCD: 11/29/2021 9:57:43 AM Form C-141 State of New Mexico
Page 3 Oil Conservation Division

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Incident ID	
District RP	
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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?	693 (ft bgs)						
Did this release impact groundwater or surface water?							
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?							
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?							
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?							
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ⊠ No						
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ⊠ No						
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ⊠ No						
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ⊠ No						
Are the lateral extents of the release overlying a subsurface mine?							
Are the lateral extents of the release overlying an unstable area such as karst geology?							
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ⊠ No						
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ⊠ No						
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	tical extents of soil						
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 well 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 	S.						

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.

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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:Billy Ginn	Title:Environmental Specialist							
Signature:	Date:11/30/2021							
email:William.ginn@hilcorp.com	Telephone:346-237-2073							
OCD Only								
Received by:	Date:							

Received by OCD: 11/29/2021 9:57:43 AM Form C-141 State of New Mexico Page 6 Oil Conservation Division

Incident ID
District RP
Facility ID
Application ID

Closure

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

Closure Report Attac	hment Checklist: Each of the follow	ving 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 analyse	s of final sampling (Note: appropriate	e ODC District office must be notified 2 days prior to final sampling)							
Description of remo	ediation activities								
and regulations all opera may endanger public hear should their operations human health or the envi compliance with any oth restore, reclaim, and revaccordance with 19.15.2 Printed Name:Billy G	tors are required to report and/or file alth or the environment. The acceptance are failed to adequately investigate a ronment. In addition, OCD acceptance federal, state, or local laws and/or regetate the impacted surface area to 9.13 NMAC including notification to binn	omplete to the best of my knowledge and understand that pursuant to OCD rules certain release notifications and perform corrective actions for releases which nee of a C-141 report by the OCD does not relieve the operator of liability and remediate contamination that pose a threat to groundwater, surface water, see of a C-141 report does not relieve the operator of responsibility for regulations. The responsible party acknowledges they must substantially the conditions that existed prior to the release or their final land use in the OCD when reclamation and re-vegetation are complete. Title:Environmental Specialist							
OCD Only									
Received by:		Date:							
remediate contamination party of compliance with	that poses a threat to groundwater, su any other federal, state, or local law	-							
Closure Approved by:	Nelson Velez	Date: 01/06/2022							
Printed Name:	Nelson Velez	Date: 01/06/2022 Title: Environmental Specialist - Adv							

Executive Summary

During BGT closure activities of a P&A well on October 8, 2021, Hilcorp Energy Company (Hilcorp) discovered a release of <1 bbl of historic hydrocarbons at the Tribal C 1 (API No. 30-039-06655). The release was due historic contamination. The release was isolated to only surface staining within the BGT pit. The visibly-impacted surface area measured approximately 14 ft x 14 ft (196 ft²) on the surface. No fluids were recovered at the time of the incident.

Following the initial investigation, Hilcorp chose to assess soil impacts by taking samples of the impacted area. Lab samples confirmed that the impacts were limited to staining at the surface of the BGT pit. Hilcorp chose to remediate the site via dig/haul with the use of a backhoe. Prior to commencing any excavation activities, a one-call was made. One excavation event occurred on Wednesday, November 10th, 2021. A total of 19 cubic yards (yd³) was excavated from the release area.

Confirmation sampling was scheduled for the same day on Wednesday, November 10th, 2021 at 10:00 am in accordance with NMAC 19.15.29.12.D. However, no representation from NMOCD was present at the time of the scheduled sampling. Hilcorp's Kurt Hoekstra proceeded with the confirmation sampling event as scheduled. Due to its' proximity to a significant watercourse, this site is ranked ≤ 50 ft per NMAC 19.15.29.12.E. One (1) five-point composite sample was collected from the base of the pit of the excavated area, along with two (2) discrete samples. Results for all soil samples were shown to be below the applicable clean up action levels. Approximately 20 yd³ of clean, compacted non-waste containing earthen material, already residing at the well pad, was used for backfilling the excavation in accordance with NMAC 19.15.29.12.D.2. Refer to sample field notes for additional excavation information.

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Supporting Calculations for Volume Estimate

Average TPH Concentration throughout impacted area: 7945 mg/kg (historic hydrocarbons)

Soil Density: 1800 kg/m³ (average high)

TPH Density: 14.391 kg/m³

Area of Impact: 8.3 m³ (converted from 294 ft³ impacted area)

Historic Hydrocarbon Contamination Density: 900 kg/m³

Soil Density: 1800 kg/m³ (average high)

Total Mass of TPH in Soil: 118.7 kg

(7945 mg)(1800 kg)(1 kg) = 14.301 kg/m³ TPH Density (1 kg soil)(1 m³ soil)(1000000 mg)

 $(14.301 \text{ kg})(8.3 \text{ m}^3)=118.7 \text{ kg Total Mass of TPH in Soil}$ 1 m³

(118.7 kg)(6.29 bbls) = 0.82 bbls TPH $(900 \text{ kg})(1 \text{ m}^3)$



Note 1: The surface extent of the Tribal C 1 release is represented by the red square shown in image above. Note that all spilled liquids remained within secondary containment.



Note 1: The total impacted material excavated was approximately 19 cubic yards.

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



Note 1: Release point shown to be within 300 ft of a significant water course; therefore, the most stringent Table 1 Closure Criteria will be utilized.

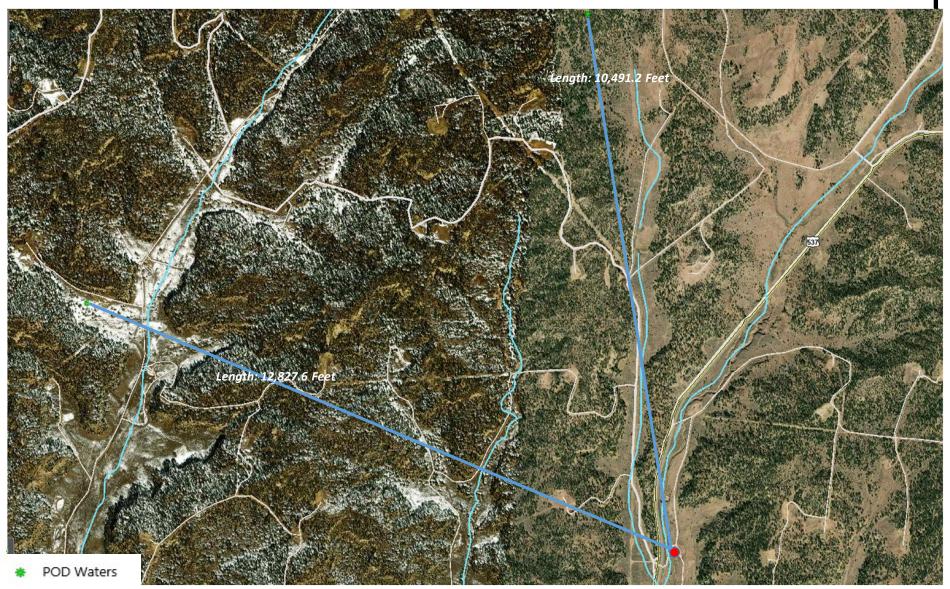
Note 2: The lateral extents of the release point are not shown to be within 300 feet of a mapped wetland.

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



Note: Release point is shown to be within 300 ft of a significant water course.

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.

Depth to groundwater

Note: Groundwater information taken from the registered Form C-144 for Below-Grade Tank at the Tribal C 1. The estimated groundwater depth is shown to be 693 ft.

Source: Page extracted from Registered Pit Closure Permit (Form C-144) for the Tribal C 1. Found on OCD's website under Tribal C 1(30-039-06655) – Associated Images – Well File Search (10/13/2021).

Noble Energy, Inc. Below-grade Tank Hydrogeologic Report (Item 11) San Juan Basin Locations

The below-grade tank described in this application is located within the planning area of the Farmington Field Office of the Bureau of Land Management. This office prepared a Resource Management Plan and Environmental Impact Statement in March 2003 (USDI 2003). Geology of the region was analyzed in this document. A summary of this section (Geology and Minerals pages 3-4 -3-9 in Farmington Proposed Resource Management Plan and Final Environmental Impact Statement 2003) is included below as relevant to the below-grade tank for which a C-144 form is being submitted. Additional sources of information for this resource are listed in the original text

The San Juan Basin, an asymmetrical syncline roughly 200 miles long and 130 miles wide (including the portion that extends north into Colorado), is the dominant geological feature of northwestern New Mexico. The San Juan Basin reached its current structural arrangement upon completion of downwarping of Cretaceous-aged rocks at the end of the Laramide uplift. Later, deeply buried organic matter was heated and gas and oil were formed in stratigraphic traps in the basin. Epicontinental sea deposition that occurred between periods of major uplift created the Cambrian to Quaternary sedimentary rocks that are found over Precambrian rocks. Depositional environments for rock units included deep marine, shoreline, continental, and fluvial. Wind-blown sand also contributed to the depositional environment in the Triassic-Jurassic interval. Tertiary sediments arrived in the San Juan Basin when the San Juan Mountains and southern Rocky Mountains began to erode and these sediments were transported and deposited in the basin (in the Tertiary period).

Rocks of the San Juan Basin include predominately shales and sandstones that range in age from Cambrian to Quaternary Coals, carbonates, and igneous rocks are also found in the basin to a lesser degree. Together, the sedimentary rocks are more than 14,000 feet thick at the New Mexico/Colorado state line. Six thousand feet of Cretaceous sandstones, siltstones, shales, and coals form the top layers in the basin. The hydrocarbon reservoirs in the basin are all within these Cretaceous layers where plants and animals decomposed. These include the Fruitland Formation, Pictured Cliffs Sandstone, Mesa Verde Group, and Dakota Sandstone. Shales and sandstones from the Permian through the Pennsylvanian periods (1,700 – 2,900 feet thick) are found below these layers. The oldest layer of rocks, the Precambrian basement rocks, are located more than 7,500 feet below sea level in the basin's deepest part.

Understanding the geology of the San Juan Basin sets the stage for understanding its hydrology. As with geology, hydrology of the basin was researched and described in the Farmington Proposed RMP and Final EIS (USDI 2003). The following is a summary of this report as pertains to the below-grade tank that is being permitted through the Oil Conservation District.

Depth to groundwater (Cont.)

Note: Groundwater information taken from the registered Form C-144 for Below-Grade Tank at the Tribal C 1. The estimated groundwater depth is shown to be 693 ft.

Source: Page extracted from Registered Pit Closure Permit (Form C-144) for the Tribal C 1. Found on OCD's website under Tribal C 1(30-039-06655) – Associated Images – Well File Search (10/13/2021).

Aquifers are found in the sandstones under the San Juan Basin as well as within unconsolidated sands and gravels. Water quality in these aquifers ranges from fair to poor (varying degrees of salinity) The largest aquifer under the San Juan Basin is the Uinta-Animas Aquifer. This aquifer is made up of the San Jose Formation, the Animas Formation, the Nacimiento Formation and the Ojo Sandstone. This aquifer reaches its maximum thickness at the northeast end of the basin at approximately 3,500 feet. The Uinta-Animas aquifer receives groundwater recharge from the higher altitude areas of the basin, which are located along its margins. Water is discharged from the aquifer toward the San Juan River and is discharged into streams, valley alluvium, and lost to vegetation evapotranspiration.

The Mesaverde Aquifer is also present in the San Juan Basin. Its water-yielding components are within the Upper Cretaceous Mesaverde Group as well as in some Tertiary and other Upper Cretaceous formations. The Mesaverde aquifer reaches its maximum thickness at the southern end of the basin at approximately 4,500 feet. It receives recharge from areas of higher elevation that receive more precipitation. Water is discharged from the aquifer along streams and rivers including the San Juan River and the Chaco River.

Groundwater is also present in unconsolidated sand and gravel of the Rio Grande aquifer system. Water enters this aquifer through runoff from mountainous areas surrounding the basin. Most of this water is lost through evaporation before it can reach the aquifer. The quality of this water is affected by the quality of the runoff that reaches it.

From: Farmington Proposed Resource Management Plan and Final Environmental Impact Statement. March 2003 US Department of Interior, Bureau of Land Management, Farmington Field Office, Farmington, NM (BLM-NM-PL-03-014-1610).

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Depth to groundwater



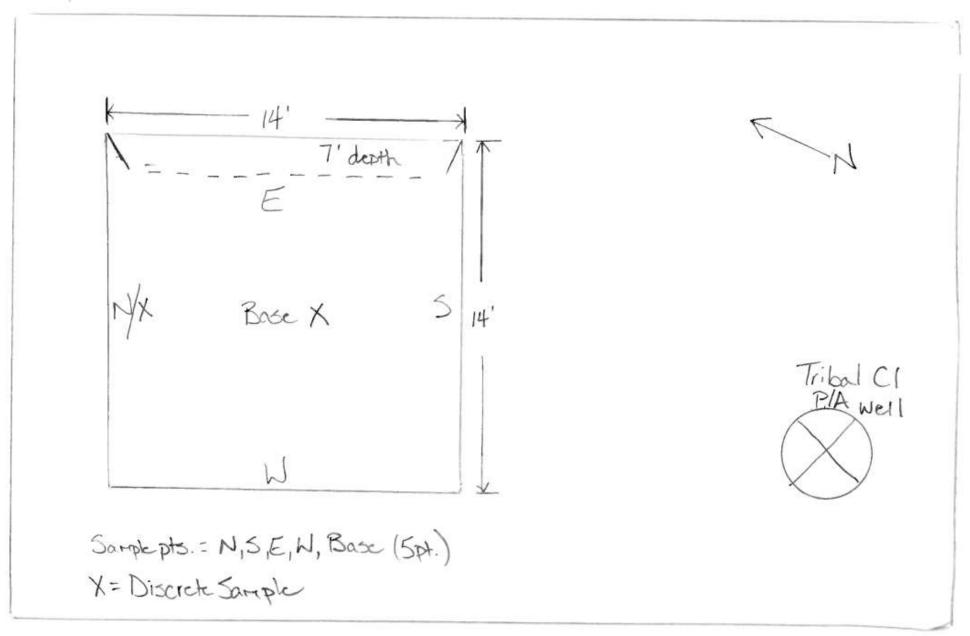
New Mexico Office of the State Engineer

Point of Diversion Summary

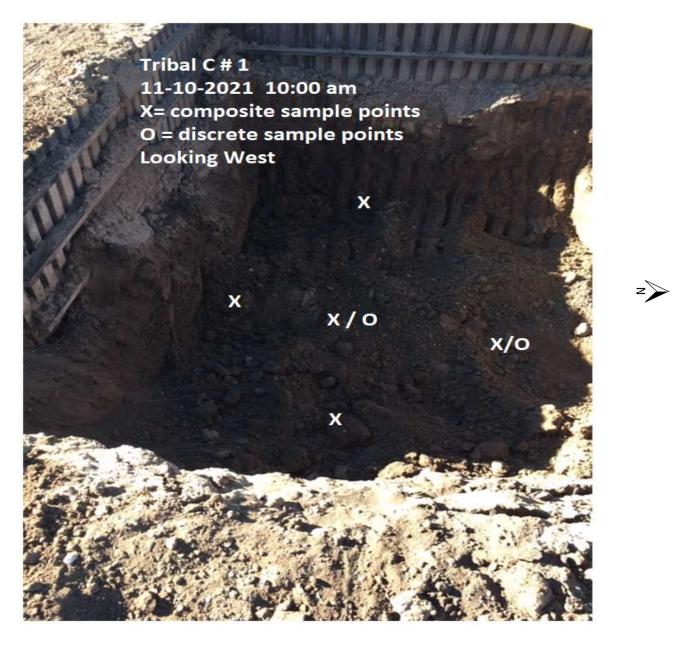
							E 3=SW largest)	(NAD83 U	(NAD83 UTM in meters)					
Well Tag	POD	Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y				
508	SJ 0	1205	4	4	4	34	27N	04W	300255	4044335*				
Driller Lice	nse:	727	Driller	Con	ıpan	y:	ΑZ	TEC W	ELL SERVI	CING CO. IN	C.			
Driller Name: SANDEL, JERRY														
Drill Start Date: 10/18/1980			Drill Finish Date:				10/25/1980			Plug Date:				
Log File Date: 11/20/1980			PCW Rcv Date:				12/22/1980			urce:	Artesian			
Pump Type	:	SUBMER	Pipe D	ischa	rge	Size:	2		Estimated Yield:					
Casing Size		7.63	Depth Well:				3	054 feet	De	Depth Water:				
)	Wate	er Bearing Stratifica	tions:		To	p I	Bottom	Desc	ription					
Casing Perfora			892			3004	Sand	stone/Grave	one/Gravel/Conglomerate					
			ations:		To	p I	Bottom	ı						
			792			3004	1							

Note: NMOSE data pulled from 9 sections including the release point is shown above. Depth to groundwater in the sources is 750 ft at an elevation of 7005 ft. Tribal C 1's elevation is 6948 ft. From that groundwater depth can be estimated at 693 ft. Release point shown to be within 300 ft of a significant water course; therefore, the most stringent Table 1 Closure Criteria will be utilized.

Sample field notes



Sample locations – 11/10/21 at 10:00 am, 36.510440°N 107.1900283°W



Sample locations – 11/10/21 at 10:00 am, 36.510440°N 107.1900283°W





North view of BGT pit.





North view







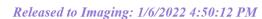












Data table of soil contaminant concentration data

TABLE 1

SOIL ANALYTICAL RESULTS Tribal C 1 HILCORP ENERGY - L48 WEST

Soil Sample Identification	Sample Date	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	Chlorides (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	MRO (mg/kg)	TPH GRO+DRO+MRO (mg/kg)
BGT Composite	11/10/2021	<0.024	<0.047	<0.047	<0.094	ND	<60	<4.7	27	<47	27.0
Discrete Sample No. 1	11/10/2021	<0.025	<0.050	<0.050	<0.10	ND	<60	<5.0	<9.8	<49	N/A
Discrete Sample No. 2	11/10/2021	<0.025	<0.050	<0.050	<0.099	ND	<60	<5.0	63	<47	63.0
NMOCD Table 1 Closure	Criteria	10	NE	NE	NE	50	600	NE	NE	NE	100

Note: Confirmation samples were collected on 11/10/2021 by Hilcorp personnel. All samples came back below action levels.

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

November 24, 2021

Billy Ginn HILCORP ENERGY PO Box 4700 Farmington, NM 87499

TEL: (505) 564-0733

FAX:

RE: Tribal C 1 OrderNo.: 2111599

Dear Billy Ginn:

Hall Environmental Analysis Laboratory received 3 sample(s) on 11/11/2021 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,

Andy Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report Lab Order 2111599

Date Reported: 11/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Client Sample ID: Discrete Center

 Project:
 Tribal C 1
 Collection Date: 11/10/2021 10:05:00 AM

 Lab ID:
 2111599-001
 Matrix: SOIL
 Received Date: 11/11/2021 9:20:00 AM

Analyses	Result	RL Qual Units		DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: SB
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	11/17/2021 3:07:29 PM
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	11/17/2021 3:07:29 PM
Surr: DNOP	89.9	70-130	%Rec	1	11/17/2021 3:07:29 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	11/15/2021 10:21:00 AM
Surr: BFB	104	70-130	%Rec	1	11/15/2021 10:21:00 AM
EPA METHOD 8021B: VOLATILES					Analyst: mb
Benzene	ND	0.025	mg/Kg	1	11/15/2021 10:21:00 AM
Toluene	ND	0.050	mg/Kg	1	11/15/2021 10:21:00 AM
Ethylbenzene	ND	0.050	mg/Kg	1	11/15/2021 10:21:00 AM
Xylenes, Total	ND	0.10	mg/Kg	1	11/15/2021 10:21:00 AM
Surr: 4-Bromofluorobenzene	112	70-130	%Rec	1	11/15/2021 10:21:00 AM
EPA METHOD 300.0: ANIONS					Analyst: LRN
Chloride	ND	60	mg/Kg	20	11/15/2021 2:51:25 PM

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

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 Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 1 of 8

Analytical Report Lab Order 2111599

Date Reported: 11/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Client Sample ID: Discrete East

 Project:
 Tribal C 1
 Collection Date: 11/10/2021 10:10:00 AM

 Lab ID:
 2111599-002
 Matrix: SOIL
 Received Date: 11/11/2021 9:20:00 AM

Analyses	Result	RL Qual Units		DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst: SB
Diesel Range Organics (DRO)	63	9.4	mg/Kg	1	11/17/2021 3:20:17 PM
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	11/17/2021 3:20:17 PM
Surr: DNOP	88.5	70-130	%Rec	1	11/17/2021 3:20:17 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	11/15/2021 11:20:00 AM
Surr: BFB	104	70-130	%Rec	1	11/15/2021 11:20:00 AM
EPA METHOD 8021B: VOLATILES					Analyst: mb
Benzene	ND	0.025	mg/Kg	1	11/15/2021 11:20:00 AM
Toluene	ND	0.050	mg/Kg	1	11/15/2021 11:20:00 AM
Ethylbenzene	ND	0.050	mg/Kg	1	11/15/2021 11:20:00 AM
Xylenes, Total	ND	0.099	mg/Kg	1	11/15/2021 11:20:00 AM
Surr: 4-Bromofluorobenzene	111	70-130	%Rec	1	11/15/2021 11:20:00 AM
EPA METHOD 300.0: ANIONS					Analyst: LRN
Chloride	ND	60	mg/Kg	20	11/15/2021 3:03:49 PM

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

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 Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 2 of 8

Analytical ReportLab Order **2111599**

Date Reported: 11/24/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Client Sample ID: Composite 7' D

 Project:
 Tribal C 1
 Collection Date: 11/10/2021 10:15:00 AM

 Lab ID:
 2111599-003
 Matrix: SOIL
 Received Date: 11/11/2021 9:20:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: SB
Diesel Range Organics (DRO)	27	9.4	mg/Kg	1	11/16/2021 11:44:53 AM
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	11/16/2021 11:44:53 AM
Surr: DNOP	95.9	70-130	%Rec	1	11/16/2021 11:44:53 AM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	11/15/2021 11:40:00 AM
Surr: BFB	103	70-130	%Rec	1	11/15/2021 11:40:00 AM
EPA METHOD 8021B: VOLATILES					Analyst: mb
Benzene	ND	0.024	mg/Kg	1	11/15/2021 11:40:00 AM
Toluene	ND	0.047	mg/Kg	1	11/15/2021 11:40:00 AM
Ethylbenzene	ND	0.047	mg/Kg	1	11/15/2021 11:40:00 AM
Xylenes, Total	ND	0.094	mg/Kg	1	11/15/2021 11:40:00 AM
Surr: 4-Bromofluorobenzene	113	70-130	%Rec	1	11/15/2021 11:40:00 AM
EPA METHOD 300.0: ANIONS					Analyst: LRN
Chloride	ND	60	mg/Kg	20	11/15/2021 3:16:13 PM

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

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 Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 3 of 8

Hall Environmental Analysis Laboratory, Inc.

WO#: **2111599 24-Nov-21**

Client: HILCORP ENERGY

Project: Tribal C 1

Sample ID: MB-63931 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 63931 RunNo: 82840

Prep Date: 11/15/2021 Analysis Date: 11/15/2021 SeqNo: 2942094 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-63931 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 63931 RunNo: 82840

Prep Date: 11/15/2021 Analysis Date: 11/15/2021 SeqNo: 2942095 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 91.7 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 Quanitative Limit

S % Recovery outside of range due to dilution or matrix interference

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 4 of 8

Hall Environmental Analysis Laboratory, Inc.

4.5

2111599 24-Nov-21

WO#:

Client: HILCORP ENERGY

Project: Tribal C 1

Sample ID: MB-63901	SampT	SampType: MBLK TestCode: EPA Method 8015M						esel Range	e Organics		
Client ID: PBS	Batch	ID: 63	901	F	RunNo: 8	2883					
Prep Date: 11/12/2021	Analysis D	ate: 11	/16/2021	5	SeqNo: 2	943533	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		105	70	130				
Sample ID: LCS-63901	SampT	SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: LCSS	Batch	ID: 63	901	F	RunNo: 8	2883					
				SeqNo: 2943542							
Prep Date: 11/12/2021	Analysis D	ate: 1 1	/16/2021	9	SeqNo: 2	943542	Units: mg/K	(g			
Prep Date: 11/12/2021 Analyte	Analysis D	ate: 1 1		SPK Ref Val	SeqNo: 2 %REC	943542 LowLimit	Units: mg/k	(g %RPD	RPDLimit	Qual	
·	•				·		•	•	RPDLimit	Qual	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	•	RPDLimit	Qual	
Analyte Diesel Range Organics (DRO)	Result 48 5.3	PQL	SPK value 50.00 5.000	SPK Ref Val	%REC 96.7 106	LowLimit 68.9 70	HighLimit 135	%RPD		Qual	
Analyte Diesel Range Organics (DRO) Surr: DNOP	Result 48 5.3 SampTy	PQL 10	SPK value 50.00 5.000	SPK Ref Val 0	%REC 96.7 106	LowLimit 68.9 70 PA Method	HighLimit 135 130	%RPD		Qual	
Analyte Diesel Range Organics (DRO) Surr: DNOP Sample ID: 2111599-003AMS	Result 48 5.3 SampTy	PQL 10 ype: M\$	50.00 5.000 5.000	SPK Ref Val 0 Tes	%REC 96.7 106 tCode: E l	68.9 70 PA Method	HighLimit 135 130	%RPD		Qual	
Analyte Diesel Range Organics (DRO) Surr: DNOP Sample ID: 2111599-003AMS Client ID: Composite 7' D	Result 48 5.3 SampTy Batch	PQL 10 ype: M\$	SPK value 50.00 5.000 6 935 1/16/2021	SPK Ref Val 0 Tes	%REC 96.7 106 tCode: E l	68.9 70 PA Method	HighLimit 135 130 8015M/D: Did	%RPD		Qual	

Sample ID: 2111599-003AMSD	O SampType: MSD TestCode: EPA Method 8015M/D: Diesel Range Org							e Organics		
Client ID: Composite 7' D	Batch	Batch ID: 63935 RunNo: 82886								
Prep Date: 11/15/2021	Analysis Da	ate: 11	/16/2021	S	SeqNo: 2943797 Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	130	10	50.35	26.52	196	39.3	155	62.3	23.4	RS
Surr: DNOP	4.4		5.035		88.3	70	130	0	0	

93.3

70

130

4.808

Sample ID: MB-63935	SampType: MBLK TestCode: EPA Method 8						I 8015M/D: Diesel Range Organics					
Client ID: PBS	Batch	ID: 63 9	935	F	RunNo: 8	2886						
Prep Date: 11/15/2021	Analysis D	ate: 11	/16/2021	S	SeqNo: 2	943799	Units: mg/K	g				
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	9.0		10.00		89.9	70	130					

Qualifiers:

Surr: DNOP

- 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 Quanitative Limit
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 5 of 8

Hall Environmental Analysis Laboratory, Inc.

2111599 24-Nov-21

WO#:

Client: HILCORP ENERGY

Project: Tribal C 1

Sample ID: LCS-63935 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 63935 RunNo: 82886

Prep Date: 11/15/2021 Analysis Date: 11/16/2021 SeqNo: 2943800 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

 Diesel Range Organics (DRO)
 39
 10
 50.00
 0
 78.3
 68.9
 135

 Surr: DNOP
 4.5
 5.000
 90.8
 70
 130

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 Quanitative Limit

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 6 of 8

Hall Environmental Analysis Laboratory, Inc.

2111599 24-Nov-21

WO#:

Client: HILCORP ENERGY

Project: Tribal C 1

Sample ID: mb-63908 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 63908 RunNo: 82849

Prep Date: 11/12/2021 Analysis Date: 11/15/2021 SeqNo: 2941346 Units: mg/Kg

PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Analyte Result

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 990 1000 99.0 70 130

Sample ID: Ics-63908 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 63908 RunNo: 82849

Prep Date: 11/12/2021 Analysis Date: 11/15/2021 SeqNo: 2941348 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 26 5.0 25.00 0 103 78.6 131 Surr: BFB 1100 1000 70

114

130

Qualifiers:

Value exceeds Maximum Contaminant Level

D Sample Diluted Due to Matrix

Н Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix interference

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

RL Reporting Limit Page 7 of 8

Hall Environmental Analysis Laboratory, Inc.

WO#: 2111599

24-Nov-21

Client: HILCORP ENERGY

Project: Tribal C 1

Sample ID: mb-63908 SampType: MBLK TestCode: EPA Method 8021B: Volatiles

Client ID: PBS Batch ID: 63908 RunNo: 82849

Prep Date: 11/12/2021 Analysis Date: 11/15/2021 SeqNo: 2941378 Units: mg/Kg

PQL SPK value SPK Ref Val %REC LowLimit %RPD **RPDLimit** Analyte Result HighLimit Qual

Benzene ND 0.025 Toluene ND 0.050 0.050 Ethylbenzene ND Xylenes, Total ND 0.10

Surr: 4-Bromofluorobenzene 1.1 1.000 109 70 130

Sample ID: Ics-63908 SampType: LCS TestCode: EPA Method 8021B: Volatiles

Client ID: LCSS Batch ID: 63908 RunNo: 82849

Prep Date: 11/12/2021	Analysis Date: 11/15/2021			S	SeqNo: 2941379 Units: mg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	1.000	0	106	80	120			
Toluene	1.0	0.050	1.000	0	103	80	120			
Ethylbenzene	1.0	0.050	1.000	0	104	80	120			
Xylenes, Total	3.1	0.10	3.000	0	104	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		112	70	130			

Sample ID: 2111599-001ams SampType: MS TestCode: EPA Method 8021B: Volatiles Client ID: Discrete Center Batch ID: 63908 RunNo: 82849 Prep Date: 11/12/2021 Analysis Date: 11/15/2021 SeqNo: 2941380 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 104 80 1.0 0.025 0.9950 120 Benzene n Toluene 0.050 0.9950 0 107 80 120 1.1 0 106 80 Ethylbenzene 1.1 0.050 0.9950 120 Xylenes, Total 3.2 0.10 2.985 0 109 80 120

TestCode: EPA Method 8021B: Volatiles Sample ID: 2111599-001amsd SampType: MSD Batch ID: 63908 RunNo: 82849 Client ID: Discrete Center

0.9950

1.1

Prep Date: 11/12/2021	Analysis Date: 11/15/2021			S	SeqNo: 2	941381	Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	0.9970	0	101	80	120	3.26	20	
Toluene	1.0	0.050	0.9970	0	101	80	120	5.20	20	
Ethylbenzene	1.1	0.050	0.9970	0	106	80	120	0.238	20	
Xylenes, Total	3.2	0.10	2.991	0	108	80	120	0.133	20	
Surr: 4-Bromofluorobenzene	1.1		0.9970		112	70	130	0	0	

Qualifiers:

Value exceeds Maximum Contaminant Level

D Sample Diluted Due to Matrix

Surr: 4-Bromofluorobenzene

Н Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix interference

Analyte detected in the associated Method Blank

107

70

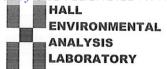
130

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

RL Reporting Limit Page 8 of 8



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

Sample Log-In Check List

Received By: Desiree Dominguez	Client Name:	HILCORP	ENERGY	Work	Order Nun	nber: 21115	99	18	RcptN	lo: 1
Chain of Custody	Received By:	Desiree [Dominguez	11/11/2	2021 9:20:0	0 AM		Da		
Chain of Custody	Completed By:	Sean Liv	ingston	11/11/2	2021 11:50:	18 AM		5.	not	
1. Is Chain of Custody complete? 2. How was the sample delivered? Courier	Reviewed By:	IC)	11/11/2	.1			J,- U		
2. How was the sample delivered? Log In 3. Was an attempt made to cool the samples? 4. Were all samples received at a temperature of >0° C to 6.0°C 4. Were all samples received at a temperature of >0° C to 6.0°C 5. Sample(s) in proper container(s)? 6. Sufficient sample volume for indicated test(s)? 7. Are samples (except VOA and ONG) properly preserved? 8. Was preservative added to bottles? 9. Received at least 1 vial with headspace <11/4" for AQ VOA? 9. Received at least 1 vial with headspace <11/4" for AQ VOA? 10. Were any sample containers received broken? 11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) 12. Are matrices correctly identified on Chain of Custody? 13. Is it clear what analyses were requested? 14. Were all holding times able to be met? (If no, notify customer for authorization.) Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Person Notified: But: B	Chain of Cus	stod <u>y</u>								
Log In 3. Was an attempt made to cool the samples? 4. Were all samples received at a temperature of >0° C to 6.0°C 4. Were all samples received at a temperature of >0° C to 6.0°C 5. Sample(s) in proper container(s)? 6. Sufficient sample volume for indicated test(s)? 7. Are samples (except VOA and ONG) properly preserved? 8. Was preservative added to bottles? 9. Received at least 1 vial with headspace <1/4" for AQ VOA? 9. Received at least 1 vial with headspace <1/4" for AQ VOA? 10. Were any sample containers received broken? 11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) 12. Are matrices correctly identified on Chain of Custody? 13. Is it clear what analyses were requested? 14. Were all holding times able to be met? (If no, notify customer for authorization.) Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Yes No	1. Is Chain of C	ustody comp	olete?			Yes 🖢		No 🗌	Not Present	
3. Was an attempt made to cool the samples? 4. Were all samples received at a temperature of >0° C to 6.0°C 4. Were all samples received at a temperature of >0° C to 6.0°C 4. Were all samples received at a temperature of >0° C to 6.0°C 4. Were all sample volume for indicated test(s)? 5. Sample(s) in proper container(s)? 6. Sufficient sample volume for indicated test(s)? 7. Are samples (except VOA and ONG) properly preserved? 8. Was preservative added to bottles? 9. Received at least 1 vial with headspace <1/4" for AQ VOA? 9. Received at least 1 vial with headspace <1/4" for AQ VOA? 10. Were any sample containers received broken? 11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) 12. Are matrices correctly identified on Chain of Custody? 13. Is it clear what analyses were requested? 14. Were all holding times able to be met? (If no, notify customer for authorization.) Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Yes No No NA M Checked by: Mall 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	2. How was the	sample deli	vered?			Courie	<u>r</u>			
4. Were all samples received at a temperature of >0° C to 6.0°C Yes No No NA Sample(s) in proper container(s)? Yes No Activities No							_,		_	
5. Sample(s) in proper container(s)? Yes No 6. Sufficient sample volume for indicated test(s)? 7. Are samples (except VOA and ONG) properly preserved? 8. Was preservative added to bottles? 9. Received at least 1 vial with headspace <1/4" for AQ VOA? 10. Were any sample containers received broken? 11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) 12. Are matrices correctly identified on Chain of Custody? 14. Were all holding times able to be met? (If no, notify customer for authorization.) Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? 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	Was an atten	npt made to	cool the samp	les?		Yes 🖢		No 📙	NA 🗌	
6. Sufficient sample volume for indicated test(s)? 7. Are samples (except VOA and ONG) properly preserved? 8. Was preservative added to bottles? 9. Received at least 1 vial with headspace <1/4" for AQ VOA? 10. Were any sample containers received broken? 11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) 12. Are matrices correctly identified on Chain of Custody? 13. Is it clear what analyses were requested? 14. Were all holding times able to be met? (If no, notify customer for authorization.) Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Person Notified: By Whom: Person Notified: Date: By Whom: Client Instructions: 16. Additional remarks: 17. Cooler Information Cooler No Temp °C Condition Seal Intact Seal No Seal Date Signed By	4. Were all sam	ples received	d at a tempera	ture of >0° C	to 6.0°C	Yes 🛚		No 🗌	NA 🗆	
7. Are samples (except VOA and ONG) properly preserved? 8. Was preservative added to bottles? 9. Received at least 1 vial with headspace <1/4" for AQ VOA? 10. Were any sample containers received broken? 11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) 12. Are matrices correctly identified on Chain of Custody? 13. Is it clear what analyses were requested? 14. Were all holding times able to be met? (If no, notify customer for authorization.) Seecial Handling (if applicable) 15. Was client notified of all discrepancies with this order? Person Notified: By Whom: 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	5. Sample(s) in	proper conta	iner(s)?			Yes 💆		No 🗌		
8. Was preservative added to bottles? 9. Received at least 1 vial with headspace <1/4" for AQ VOA? 10. Were any sample containers received broken? 11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) 12. Are matrices correctly identified on Chain of Custody? 13. Is it clear what analyses were requested? 14. Were all holding times able to be met? (If no, notify customer for authorization.) Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Person Notified: By Whom: Person Notified: Date: By Whom: Via: By Whom: Regarding: Client Instructions: 16. Additional remarks: 17. Cooler Information Cooler Information Cooler Information Cooler Information Seal Intact Seal No Seal Date Signed By	6. Sufficient sam	ple volume	for indicated te	est(s)?		Yes 🗸	•	No 🗌		
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes No No NA 10. Were any sample containers received broken? Yes No Wottles checked for pH:	7. Are samples (except VOA	and ONG) pro	perly preserve	ed?	Yes 🗸	•	No 🗌		
10. Were any sample containers received broken? Yes No # of preserved bottles checked for pH: (Note discrepancies on chain of custody) 12. Are matrices correctly identified on Chain of Custody? 13. Is it clear what analyses were requested? 14. Were all holding times able to be met? (If no, notify customer for authorization.) Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Person Notified: By Whom: Person Notified: By Whom: Coler Information Cooler No Temp °C Condition Seal Intact Seal No Seal Date Signed By # of preserved bottles decided # of preserved bottles checked for pH: Coler Information	8. Was preserva	tive added to	bottles?			Yes]	No 🗸	NA 🗌	
10. Were any sample containers received broken? Yes No # of preserved bottles checked for pH: (Note discrepancies on chain of custody) 12. Are matrices correctly identified on Chain of Custody? 13. Is it clear what analyses were requested? 14. Were all holding times able to be met? (If no, notify customer for authorization.) Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Person Notified: By Whom: Person Notified: By Whom: Coler Information Cooler No Temp °C Condition Seal Intact Seal No Seal Date Signed By # of preserved bottles decided # of preserved bottles checked for pH: Coler Information	9. Received at le	ast 1 vial wi	th headspace	<1/4" for AQ \	/OA?	Yes		No 🗌	NA 🔽	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) 12. Are matrices correctly identified on Chain of Custody? 13. Is it clear what analyses were requested? 14. Were all holding times able to be met? (If no, notify customer for authorization.) Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Person Notified: By Whom: Regarding: Client Instructions: 16. Additional remarks: 17. Cooler No Temp °C Condition Seal Intact Seal No Seal Date Signed By bottles checked for pH: (<20 > >12 unless noted) Adjusted? Adjusted? Checked by: ((20 > >12 unless noted) Adjusted? Adjusted						Yes [No 🗸		
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) 12. Are matrices correctly identified on Chain of Custody? 13. Is it clear what analyses were requested? 14. Were all holding times able to be met? (If no, notify customer for authorization.) Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Person Notified: By Whom: Via:eMailPhoneFaxIn Person Regarding: Client Instructions: 16. Additional remarks: 17. Cooler Information Cooler NoTemp °C ConditionSeal IntactSeal NoSeal DateSigned By										
12. Are matrices correctly identified on Chain of Custody? 13. Is it clear what analyses were requested? 14. Were all holding times able to be met? (If no, notify customer for authorization.) Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Person Notified: By Whom: Regarding: Client Instructions: 16. Additional remarks: 17. Cooler Information Cooler No Temp °C Condition Seal Intact Seal No Seal Date Signed By						Yes 🗸	•	No 🗌	for pH:	
13. Is it clear what analyses were requested? 14. Were all holding times able to be met? (If no, notify customer for authorization.) Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Person Notified: 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							7	\Box		of >12 unless noted)
14. Were all holding times able to be met? (If no, notify customer for authorization.) Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Person Notified: By Whom: Regarding: Client Instructions: 16. Additional remarks: 17. Cooler Information Cooler No Temp °C Condition Seal Intact Seal No Seal Date Signed By									Adjusted !	
(If no, notify customer for authorization.) Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Person Notified: By Whom: Regarding: Client Instructions: 16. Additional remarks: 17. Cooler Information Cooler No Temp °C Condition Seal Intact Seal No Seal Date Signed By									Checked by:	111-11-11
15. Was client notified of all discrepancies with this order? Person Notified: By Whom: Regarding: Client Instructions: 16. Additional remarks: 17. Cooler Information Cooler No Temp °C Condition Seal Intact Seal No Seal Date Signed By						res 💌	1	NO L	oncored by. Z	20 11/11/0
Person Notified: By Whom: Regarding: Client Instructions: 16. Additional remarks: 17. Cooler Information Cooler No Temp °C Condition Seal Intact Seal No Seal Date Signed By	Special Handl	ing (if app	olicable)							
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Billy Ginn

From: Billy Ginn

Sent: Friday, November 5, 2021 1:19 PM

To: OCD.Enviro@state.nm.us; Cory.Smith@state.nm.us; kcmanwell@yahoo.com;

kurt.sandoval@bia.gov; jasonsandoval@jicarillaoga.com; alfredvigiljr@jicarillaoga.com

Cc: Terry Nelson; Ashton Hemphill; Kurt Hoekstra; Brian Roth

Subject: Tribal C 1 NCS2129551635

Please let this serve as notice for confirmation sampling for the Tribal C 1 (36.510538, -107.189386) on November 10th, 2021 at 10:00 a.m.

Billy Ginn Hilcorp Energy Company 346-237-2073 (Office) 832-561-4185 (Mobile)

Billy Ginn

From: OCDOnline@state.nm.us

Sent: Monday, October 25, 2021 3:49 PM

To: Billy Ginn

Subject: [EXTERNAL] The Oil Conservation Division (OCD) has approved the application,

Application ID: 57371

To whom it may concern (c/o William Ginn for HILCORP ENERGY COMPANY),

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nCS2129551635, with the following conditions:

• When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141

The signed C-141 can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you,
Ramona Marcus
Program Coordinator I
505-470-3044
Ramona.Marcus@state.nm.us

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

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

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 63852

CONDITIONS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	63852
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By		Condition Date
nvelez	None	1/6/2022