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

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

Form C-144 Revised April 3, 2017

For temporary pits, below-grade tanks, and multi-well fluid management pits, submit to the appropriate NMOCD District Office.

For permanent pits submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

, , , , , ,					
Pit, Below-Grade Tank, or					
BGT 1 Proposed Alternative Method Permit or Closure Plan Application					
Type of action: Below grade tank registration Permit of a pit or proposed alternative method Closure of a pit, below-grade tank, or proposed alternative method Modification to an existing permit/or registration Closure plan only submitted for an existing permitted or non-permitted pit, below-grade tank, or proposed alternative method					
Instructions: Please submit one application (Form C-144) per individual pit, below-grade tank or alternative request					
Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.					
Operator: Hilcorp Energy Company OGRID #: 372171					
Address: 382 Road 3100 Aztec, NM 87410					
Facility or well name: SAN JUAN 29-5 UNIT 49					
API Number: OCD Permit Number:					
U/L or Qtr/Qtr M Section 09 Township 29N Range 05W County: Rio Arriba					
Center of Proposed Design: Latitude 36.7354698 °N Longitude -107.3677979 °W NAD27					
Surface Owner: 🛮 Federal 🔲 State 🔲 Private 🗀 Tribal Trust or Indian Allotment					
Pit: Subsection F, G or J of 19.15.17.11 NMAC Temporary: Drilling Workover Permanent Emergency Cavitation P&A Multi-Well Fluid Management Low Chloride Drilling Fluid yes no Lined Unlined Liner type: Thickness mil LLDPE HDPE PVC Other String-Reinforced Liner Seams: Welded Factory Other Volume: bbl Dimensions: L x W x D 3.					
Below-grade tank: Subsection I of 19.15.17.11 NMAC					
Volume: 120 bbl Type of fluid: Produced Water					
Tank Construction material: Metal					
Secondary containment with leak detection 🛛 Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off					
☐ Visible sidewalls and liner ☐ Visible sidewalls only ☐ Other					
Liner type: Thicknessmil					
4. Alternative Method: Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.					
5, Personal Coloredia Die 17 11 NDAAC (Aurilia Aurilia					
Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, temporary pits, and below-grade tanks) Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, hospital, institution or church)					
☐ Four foot height, four strands of barbed wire evenly spaced between one and four feet ☐ Alternate. Please specify					
I Augulaic, ricase specify					

Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks) Screen Netting Other Monthly inspections (If netting or screening is not physically feasible)				
7.				
Signs: Subsection C of 19.15.17.11 NMAC ☐ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers ☐ Signed in compliance with 19.15.16.8 NMAC				
8,				
Variances and Exceptions: Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance. Please check a box if one or more of the following is requested, if not leave blank: □ Variance(s): Requests must be submitted to the appropriate division district for consideration of approval. □ Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.				
9. Siting Criteria (regarding permitting): 19.15.17.10 NMAC Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of accept material are provided below. Siting criteria does not apply to drying pads or above-grade tanks.	otable source			
General siting				
Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank. - □ NM Office of the State Engineer - iWATERS database search; □ USGS; □ Data obtained from nearby wells	☐ Yes ☐ No ☐ NA			
Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit. NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No 図 NA			
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. (Does not apply to below grade tanks) - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No			
Within the area overlying a subsurface mine. (Does not apply to below grade tanks) - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No			
 Within an unstable area. (Does not apply to below grade tanks) Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map 	Yes No			
Within a 100-year floodplain. (Does not apply to below grade tanks) - FEMA map	☐ Yes ☐ No			
Below Grade Tanks				
Within 100 foot of a continuous of Gamilia and an array of the continuous of the con	<u> </u>			
Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	Yes No			
Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site				
Temporary Pit using Low Chloride Drilling Fluid (maximum chloride content 15,000 mg/liter)				
Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.) - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No			
Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial	☐ Yes ☐ No			
application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image				
Within 200 havingantal foot of a anning area naturate damage from water well and have the first beauty life for the second of th				
Within 200 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 300feet of any other fresh water well or spring, in existence at the time of the initial application. NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No			

Within 100 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No			
Temporary Pit Non-low chloride drilling fluid				
Within 300 feet of a continuously flowing watercourse, or any other significant watercourse, or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No			
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No			
Within 500 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 1000 feet of any other fresh water well or spring, in the existence at the time of the initial application; - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No			
Within 300 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No			
Permanent Pit or Multi-Well Fluid Management Pit				
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No			
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No			
Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No			
Within 500 feet of a wetland US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No			
Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached. Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Design Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC				
Previously Approved Design (attach copy of design) API Number: or Permit Number:				
Multi-Well Fluid Management Pit Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached. Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC A List of wells with approved application for permit to drill associated with the pit. Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Previously Approved Design (attach copy of design) API Number: or Permit Number:				

10			
Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the d	ocuments are		
attached. Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Climatological Factors Assessment	i i v		
Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC	,		
☐ Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC ☐ Quality Control/Quality Assurance Construction and Installation Plan ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC			
Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Nuisance or Hazardous Odors, including H ₂ S, Prevention Plan			
☐ Emergency Response Plan ☐ Oil Field Waste Stream Characterization ☐ Monitoring and Inspection Plan			
Erosion Control Plan Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC			
Proposed Closure: 19.15.17.13 NMAC Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.			
Type: Drilling Workover Emergency Cavitation P&A Permanent Pit Below-grade Tank Multi-well Flu	uid Management Pit		
Proposed Closure Method: Waste Excavation and Removal Waste Removal (Closed-loop systems only)			
☐ On-site Closure Method (Only for temporary pits and closed-loop systems) ☐ In-place Burial ☐ On-site Trench Burial ☐ Alternative Closure Method			
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be a closure plan. Please indicate, by a check mark in the box, that the documents are attached. □ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC □ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.13 NMAC □ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings) □ Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC □ Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC	ttached to the		
Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC			
Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable source provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. Particular Particular States of States			
Ground water is less than 25 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA		
Ground water is between 25-50 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA		
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells			
Within 100 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No		
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No		
Within 300 horizontal feet of a private, domestic fresh water well or spring used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	Yes No		
Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No		
Within 300 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No		
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance			

adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained by the section of the confirmation of	ined from the municipality	☐ Yes ☐ No				
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division						
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & M	neral Resources: USGS: NM Geological					
Society; Topographic map	notal resources, edges, run estregiva	☐ Yes ☐ No				
Within a 100-year floodplain. - FEMA map		☐ Yes ☐ No				
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached. Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection E of 19.15.17.13 NMAC Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.15.17.11 NMAC Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.13 NMAC Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC Waste Material Sampling Plan - based upon the appropriate requirements of 19.15.17.13 NMAC Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved) Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC						
17. Operator Application Certification:						
I hereby certify that the information submitted with this application is true, accurate and	complete to the best of my knowledge and beli	ief.				
Name (Print):	Fitle:					
Signature:	Date:					
e-mail address:	elephone:					
18. OCD Approval: ☐ Permit Application (including closure plan) ☐ Closure Plan (onl	OCD Conditions (see attachment)					
OCD Representative Signature:	Approval Date:1/17/2	020				
	Permit Number:					
19.						
Closure Report (required within 60 days of closure completion): 19.15.17.13 NMAC Instructions: Operators are required to obtain an approved closure plan prior to imple The closure report is required to be submitted to the division within 60 days of the com section of the form until an approved closure plan has been obtained and the closure a	menting any closure activities and submitting pletion of the closure activities. Please do no	the closure report. t complete this				
	Closure Completion Date: 12/10	/2019				
20. Closure Method: Waste Excavation and Removal ☐ On-Site Closure Method ☐ Alternative Cl☐ If different from approved plan, please explain.	osure Method Waste Removal (Closed-le	oop systems only)				
Closure Report Attachment Checklist: Instructions: Each of the following items mutuark in the box, that the documents are attached. ☐ Proof of Closure Notice (surface owner and division) ☐ Proof of Deed Notice (required for on-site closure for private land only) ☐ Plot Plan (for on-site closures and temporary pits) ☐ Confirmation Sampling Analytical Results (if applicable) ☐ Waste Material Sampling Analytical Results (required for on-site closure) ☐ Disposal Facility Name and Permit Number	st be attached to the closure report. Please in	ndicate, by a check				

22,	
Operator Closure Certification:	
I hereby certify that the information and attachments submitted with this closur belief. I also certify that the closure complies with all applicable closure requir	
Name (Print): Tammy Jones	Title: Operations/Regulatory Technician – Sr
Signature: Tammy Ing.	Date: 12/20/2019
e-mail address: tajones@hilcorp.com	hone:(505) 324-5185

Hilcorp Energy Company San Juan Basin Below Grade Tank Closure Report

Lease Name: SAN JUAN 29-5 UNIT 49

API No.: 30-039-07647

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

General Plan:

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

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

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

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

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

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

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

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

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

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

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

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

A release was not determined for the above referenced well.

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

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

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

Notification is attached.

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

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

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

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

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

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

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

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

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

Tammy Jones

From: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>

Sent: Monday, November 18, 2019 7:14 AM **To:** Tammy Jones; Griswold, Jim, EMNRD

Subject: [EXTERNAL] RE: BGT Permit request - Closure plan approvals needed ASAP

Tammy,

(11/18/19)

Sorry Y'all checking my email this morning it looks like I drafted the email below last week and did not hit send only noticed it this morning due the reply's. looks like everything Is covered.

I have reviewed the Closure Plan for the registered tank SJ 29-5 #49. The Closure Plan only is approved Please include this email in your Closure report

BGT 1 @ 30-039-07647

General Pit Information

Well: [30-039-07647] SAN JUAN 29 5 UNIT #049

Facility:

Operator: [372171] HILCORP ENERGY COMPANY

Status: Active Type: Production

Construction Material: Steel

District: Aztec

Fluid Type: Produced Water Surface Owner: Federal

County: Rio Arriba (39)

Location: M-09-29N-05W 990 FSL 990 FWL Lat/Long: 36.7355537,-107.3684006 NAD83

Cory Smith
Environmental Specialist
Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410
(505)334-6178 ext 115
cory.smith@state.nm.us

Tammy Jones

From: Tammy Jones

Sent: Wednesday, November 20, 2019 3:27 PM

To: 'Smith, Cory, EMNRD'; 'Whitney Thomas - BLM (I1thomas@blm.gov)'; 'Adeloye,

Abiodun'; 'Durham, John, EMNRD'

Cc: Lisa Jones; Juanita Farrell; Bryan Hall; Lindsay Dumas; Etta Trujillo; Steve Rees; Kurt

Hoekstra; Christopher Bramwell; Stephen Baird

Subject: 72 Hour BGT Closure Notification - San Juan 29-5 Unit 49

Subject: 72 Hour BGT Closure Notification

Anticipated Start Date: Tuesday, November 26th at approximately 9:00 a.m.

The subject well has a below-grade tank that will begin the closure process between 72 hours and one week from this notification. Please contact me at any time if you have any questions or concerns.

Well Name: San Juan 29-5 Unit 49

API#: 3003907647

Location: Unit M (SWSW), Section 9, T29N, R05W

Footages: 990' FSL & 990' FWL

Operator: Hilcorp Surface Owner: FEDERAL (Lease #NMSF080069)

Reason: P&A'd well BGT removal

Thank you,

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

District I
1625 N. French Dr., Hobbs, NM 88240
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1000 Rio Brazos Road, Aztec, NM 87410
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1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources Department

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

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Hilcorp Energy Company		OGRID 372171				
Contact Name Tammy Jones Contact			Contact Te	ct Telephone (505) 324-5185		
Contact email tajones@hilcorp.com Incident			Incident#	(assigned by OCD)		
Contact mailing address	Contact mailing address 382 Road 3100 Aztec NM 87410					
Latitude		Location (NAD 83 in de		Longitude _		
Site Name SAN JUAN 2	0 6 I INITT 40				Gas Well	
				Site Type		
Date Release Discovered	N/A			API# (if app	licable) 30-039-07647	
Unit Letter Section	Township	Range		Cour	ty	
M 9	29N	5W	Ric	Arriba		
Materia Crude Oil	i(s) Released (Select al Volume Release				Release justification for the volumes provided below) Volume Recovered (bbls)	
Produced Water	Volume Release	d (bbls)		····	Volume Recovered (bbls)	
	Is the concentrate produced water	ion of dissolved c >10,000 mg/l?	hloride	in the	☐ Yes ☐ No	
☐ Condensate				Volume Recovered (bbls)		
☐ Natural Gas	Volume Release	d (Mcf)			Volume Recovered (Mcf)	
Other (describe) Volume/Weight Released (provide units)				Volume/Weight Recovered (provide units)		
Cause of Release						
No release was encountere	d during the BGT	Closure.				

Form C-141 Page 2

State of New Mexico Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major	If YES, for what reason(s) does the responsible party consider this a major release?
release as defined by 19.15.29.7(A) NMAC?	
37 Z	N/A
Yes No	N/A
If VES was immediate no	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
II 115, was immediate in	succe given to the OCD: By whom: To whom: When and by what means (phone, eman, etc).
Not Required	
	Tuitial Daguenga
	Initial Response
The responsible	party must undertake the following actions immediately unless they could create a safety hazard that would result in injury
_	
	ease has been stopped.
	s been secured to protect human health and the environment.
	we been contained via the use of berms or dikes, absorbent pads, or other containment devices.
· · · · · · · · · · · · · · · · · · ·	ecoverable materials have been removed and managed appropriately.
If all the actions describe	d above have not been undertaken, explain why:
N/A	
Don 10 15 20 9 D (4) NIV	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
within a lined containment	at area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the info	rmation given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and
regulations all operators are public health or the environ	required to report and/or file certain release notifications and perform corrective actions for releases which may endanger ment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have
failed to adequately investig	ate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In f a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws
and/or regulations.	Ta C-141 report does not reneve the operator of responsibility for compliance with any other federal, state, or local laws
Printed Name:	Tammy Jones Title: Operations/Regulatory Technician – Sr.
	Date: 12/20/19
Signature:	Date: 12/20/19
email:tajones	@hilcorp.com Telephone: (505) 324-5185
OCD Only	
Received by:	Date:



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

OrderNo.: 1911C47

December 05, 2019

Devin Hencmann HILCORP ENERGY PO Box 4700 Farmington, NM 87499

TEL: (505) 564-0733

FAX

RE: San Juan 29-5 Unit 49

Dear Devin Hencmann:

Hall Environmental Analysis Laboratory received 1 sample(s) on 11/27/2019 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

Only

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report
Lab Order 1911C47

Date Reported: 12/5/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Client Sample ID: Comp A

 Project:
 San Juan 29-5 Unit 49
 Collection Date: 11/26/2019 11:00:00 AM

 Lab ID:
 1911C47-001
 Matrix: SOIL
 Received Date: 11/27/2019 7:40:00 AM

Result **Analyses RL Qual Units** DF **Date Analyzed EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM Diesel Range Organics (DRO) ND 9.5 mg/Kg 12/3/2019 9:06:26 AM 1 Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 12/3/2019 9:06:26 AM Surr: DNOP 12/3/2019 9:06:26 AM 87.5 70-130 %Rec 1 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Gasoline Range Organics (GRO) ND 4.6 mg/Kg 1 12/2/2019 10:32:30 AM Surr: BFB 78.8 77.4-118 %Rec 1 12/2/2019 10:32:30 AM **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene 12/2/2019 10:32:30 AM ND 0.023 mg/Kg 1 Toluene 12/2/2019 10:32:30 AM ND 0.046 mg/Kg 1 Ethylbenzene ND 0.046 mg/Kg 1 12/2/2019 10:32:30 AM mg/Kg Xylenes, Total 0.093 12/2/2019 10:32:30 AM ND 1 Surr: 4-Bromofluorobenzene 100 80-120 %Rec 1 12/2/2019 10:32:30 AM **EPA METHOD 300.0: ANIONS** Analyst: CJS Chloride ND 12/3/2019 4:34:04 PM 60 mg/Kg 20

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

- 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 5

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

1911C47 05-Dec-19

Client: HILCORP ENERGY **Project:**

San Juan 29-5 Unit 49

Sample ID: MB-49115

SampType: mblk

TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 49115

RunNo: 64888

Prep Date: 12/3/2019

Analysis Date: 12/3/2019

SeqNo: 2226023 Units: mg/Kg

RPDLimit

Qual

Analyte Chloride

Result PQL

ND

SPK value SPK Ref Val %REC LowLimit

HighLimit

%RPD

1.5

Sample ID: LCS-49115

SampType: Ics

Batch ID: 49115

1.5

RunNo: 64888

TestCode: EPA Method 300.0: Anions

Prep Date: 12/3/2019

Client ID: LCSS

Analysis Date: 12/3/2019

SeqNo: 2226024

Units: mg/Kg

WO#:

Analyte

SPK value SPK Ref Val %REC LowLimit

0

94.8

110

HighLimit %RPD **RPDLimit** Qual

Chloride

15.00

90

Qualifiers:

Value exceeds Maximum Contaminant Level

Sample Diluted Due to Matrix Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits Sample pH Not In Range

Reporting Limit

Page 2 of 5

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

1911C47 05-Dec-19

WO#:

Client:

HILCORP ENERGY

Project:		San Ju	San Juan 29-5		

Sample ID: LCS-49070	SampType: LCS TestCode: I				tCode: El	PA Method 8015M/D: Diesel Range Organics				
Client ID: LCSS	Batch ID: 49070 RunNo: 64876									
Prep Date: 12/2/2019	Analysis D	ate: 12	2/3/2019	SeqNo: 2224173			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	43	10	50.00	0	85.8	63.9	124			
Surr: DNOP	4.0		5.000		79.0	70	130			

Sample ID: MB-49070	SampT	ype: ME	BLK	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 49070			RunNo: 64876						
Prep Date: 12/2/2019	Analysis D	ate: 12	2/3/2019	S	SeqNo: 2	224174	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	10		10.00		105	70	130			

Sample ID: LCS-49093	SampType: LCS	TestCode: EPA Method	8015M/D: Diesel Range Organics				
Client ID: LCSS	Batch ID: 49093	RunNo: 64876					
Prep Date: 12/2/2019	Analysis Date: 12/3/2019	SeqNo: 2225772	SeqNo: 2225772 Units: %Rec				
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual				
Surr: DNOP	3.7 5.000	74.5 70	130				

Sample ID: MB-49093	SampType: MBLK TestCode: EPA Method 8015M/				sel Range	e Organics	
Client ID: PBS	Batch ID: 4909	3	RunNo: 64876				
Prep Date: 12/2/2019	Analysis Date: 12/3	3/2019	SeqNo: 2225773	Units: %Rec			
Analyte	Result PQL S	SPK value SPK Ref Val	%REC LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	7.9	10.00	79.3 70	130			

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

Reporting Limit

Page 3 of 5

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

05-Dec-19

1911C47

WO#:

Client:

HILCORP ENERGY

Project: San Juan 29-5 Unit 49

Sample ID: MB-49063	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range
---------------------	----------------	--

Client ID: **PBS** Batch ID: **49063** RunNo: **64862**

Prep Date: 11/27/2019 Analysis Date: 12/2/2019 SeqNo: 2223698 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 840 1000 84.2 77.4 118

Sample ID: LCS-49063 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 49063 RunNo: 64862

Prep Date: 11/27/2019 Analysis Date: 12/2/2019 SeqNo: 2223699 Units: mg/Kg

PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte Result I owl imit Qual Gasoline Range Organics (GRO) 23 5.0 25.00 0 92.6 80 120

Surr: BFB 920 1000 91.5 77.4 118

Sample ID: 1911c47-001ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range

Client ID: Comp A Batch ID: 49063 RunNo: 64862

Prep Date: 11/27/2019 Analysis Date: 12/2/2019 SeqNo: 2223701 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 27 4.8 24.08 111 69.1 142

Surr: BFB 860 963.4 88.8 77.4 118

Sample ID: 1911c47-001amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

Client ID: Comp A Batch ID: 49063 RunNo: 64862

Prep Date: 11/27/2019 Analysis Date: 12/2/2019 SeqNo: 2223702 Units: mg/Kg

%REC %RPD Result **PQL** SPK value SPK Ref Val LowLimit HighLimit **RPDLimit** Qual Gasoline Range Organics (GRO) 26 4.7 23.32 111 69.1 142 3.26 20 Surr: BFB 870 932.8 92.8 118 0

Sample ID: mb-49082 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 49082 RunNo: 64903

Prep Date: 12/2/2019 Analysis Date: 12/3/2019 SeqNo: 2225312 Units: %Rec

Trep Date. 12/2/2019 Analysis Date. 12/3/2019 Sequito. 22/23312 Office.

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

 Surr: BFB
 880
 1000
 88.3
 77.4
 118

Sample ID: Ics-49082 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 49082 RunNo: 64903

Prep Date: 12/2/2019 Analysis Date: 12/3/2019 SeqNo: 2225313 Units: %Rec

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

Surr: BFB 970 1000 96.8 77.4 118

Qualifiers:

Value exceeds Maximum Contaminant Level.
 Sample Diluted Due to Matrix

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

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 5

RPDLimit

Qual

OC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

05-Dec-19

1911C47

WO#:

RPDLimit

Qual

HILCORP ENERGY Client: **Project:**

San Juan 29-5 Unit 49

Sample ID: MB-49063 SampType: MBLK TestCode: EPA Method 8021B: Volatiles Client ID: PBS Batch ID: 49063 RunNo: 64862

Units: mg/Kg Prep Date: 11/27/2019 Analysis Date: 12/2/2019 SeqNo: 2223746

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

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

Surr: 4-Bromofluorobenzene 1.000 107 80 120 1.1

Sample ID: LCS-49063 SampType: LCS TestCode: EPA Method 8021B: Volatiles Client ID: LCSS Batch ID: 49063 RunNo: 64862

Analysis Date: 12/2/2019 SeqNo: 2223747 Prep Date: 11/27/2019 Units: mg/Kg

PQL SPK value SPK Ref Val %REC HighLimit %RPD Analyte Result LowLimit 0.025 96.5 Benzene 0.96 1.000 80 120 0 96.5 80 120 Toluene 0.97 0.050 1.000 97.1 80 120 Ethylbenzene 0.97 0.050 1.000 0 0 80 120 Xylenes, Total 2.9 0.10 3.000 96.7 Surr: 4-Bromofluorobenzene 1.0 1.000 104 80 120

SampType: MBLK TestCode: EPA Method 8021B: Volatiles Sample ID: mb-49082

Client ID: PBS Batch ID: 49082 RunNo: 64903

Prep Date: 12/2/2019 Analysis Date: 12/3/2019 SeqNo: 2225359 Units: %Rec

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

Surr: 4-Bromofluorobenzene 1.1 1.000 110 80 120

Sample ID: LCS-49082 SampType: LCS TestCode: EPA Method 8021B: Volatiles

1.000

Client ID: LCSS Batch ID: 49082 RunNo: 64903

1.1

Prep Date: 12/2/2019 Analysis Date: 12/3/2019 SeqNo: 2225360 Units: %Rec

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

Qualifiers:

Value exceeds Maximum Contaminant Level Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Practical Quanitative Limit

Surr: 4-Bromofluorobenzene

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

110

80

120

Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

Reporting Limit

Page 5 of 5



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

				website: ww	w.hallenvironme.	ntal.com		
Client Name:	HILCORP E	NERGY FA	R Work	Order Num	nber: 1911C47		RcptN	o: 1
Received By:	Daniel Mai	quez	11/27/2	11/27/2019 7:40:00 AM				
Completed By:	Leah Baca		11/27/2	11/27/2019 7:50:59 AM			4	
Reviewed By:	DM	11/27	10			But yo		
Chain of Cus	stody							
1. Is Chain of C	sustody comple	ete?			Yes 🗸	No 🗆	Not Present	
2. How was the	sample delive	red?			Courier			
Log In								
3. Was an atten	npt made to co	ool the samp	les?		Yes 🗸	No 🗌	NA 🗌	
4. Were all samp	ples received	at a tempera	ture of >0° C	to 6.0°C	Yes 🗹	No 🗌	NA 🗆	
5. Sample(s) in	proper contair	er(s)?			Yes 🗸	No 🗌		
6. Sufficient sam	nple volume fo	r indicated te	est(s)?		Yes 🗹	No 🗌		
7. Are samples (except VOA a	nd ONG) pro	perly preserve	∍d?	Yes 🗸	No 🗌		
8. Was preserva	tive added to I	oottles?			Yes	No 🗸	NA 🗆	
9. VOA vials hav	re zero headsp	ace?			Yes	No 🗌	No VOA Vials	
10. Were any san	mple container	s received b	roken?		Yes	No 🔽	# - 6	
14.5							# of preserved bottles checked	
 Does paperwo (Note discrepa 					Yes 🗸	No 📙	for pH:	or >12 unless noted)
2. Are matrices of					Yes 🗸	No 🗆	Adjusted?	i 12 unless noted)
3. Is it clear what					Yes 🗹	No 🗆		
4. Were all holding					Yes 🗹	No 🗆	Checked by:	WH117/1
(If no, notify cu	ustomer for au	thorization.)						
pecial Handl	ing (if appl	icable)						
15. Was client no			vith this order?	,	Yes	No 🗌	NA 🗸	
Person	Notified:			Date				
By Whom: Via:		Via:	eMail	Phone Fax	☐ In Person			
Regarding:								
Client In	structions:		911101111111111111111111111111111111111					
16. Additional rer	marks:							
17. <u>Cooler Infor</u>	mation							
Cooler No		Condition	Seal Intact	Seal No	Seal Date	Signed By		
1	0.7	Good	**************************************					

HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3975 Fax 505-345-4107 Analysis Request		Time: Relinquished by: Received by: Not and the second of the second of this possibility. Any sub-contracted data will be clearly notated on the analytical report.
Turn-Around Time: Standard Rush 3-dazz Project Name: San Juan 29-5 Unit 49 Project #:	Project Manager: De VIN Henchan Sampler: Mary Mrdienovich On Ice: Ares Do # of Coolers: Cooler Temp(including cr): 0, 7 - 0, 2 - 0, 7 c Container Preservative HEAL No. Type and # Type 2, 402, bus Cool	Received by: Via: Date Time 13 Date Time 13 Date Time Time Date Time Time Date Date Date Date Date Date Date Dat
Chain-of-Custody Record Client: Hilcord therage Mailing Address: 382 Aztec Road 30' Aztec, WM 67410 Phone #:	email or Fax#: dunce Continue Composers OA/OC Package: Standard Accreditation: □ Az Compliance □ NELAC □ Other □ EDD (Type) PDF Date Time Matrix Sample Name I 24 1 1 :00 □ Conney A	Date: Time: Relinquished by: Date: Time: Relinquished by: Ith Truy In the cessary, samples submitted to Hall Environmental may be subco



