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

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

Form C-144 Revised April 3, 2017

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

Pit, Below-Grade Tank, or

Proposed Alternative Method Permit or Closure Plan Application
Type of action: Below grade tank registration Permit of a pit or proposed alternative method Closure of a pit, below-grade tank, or proposed alternative method Modification to an existing permit/or registration Closure plan only submitted for an existing permitted or non-permitted pit, below-grade tank, or proposed alternative method
Instructions: Please submit one application (Form C-144) per individual pit, below-grade tank or alternative request
Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.
Operator: Harvest Four Corners OGRID #_ 373888
Address: 1755 Arroyo Dr., Bloomfield, NM 87413
Facility or well name: Tonkin #003R
API Number: 30-045-22215 OCD Permit Number:
U/L or Qtr/Qtr F Section 13 Township 27N Range 12W County San Juan
Center of Proposed Design: Latitude 36.57772 Longitude -108.06526 NAD83
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 Drilling Workover Drilling Workover Low Chloride Drilling Fluid yes no Lined Unlined Liner type: Thickness mil LLDPE HDPE PVC Other String-Reinforced Unlined Factory Other Volume: bbl Dimensions: L x W x D
3. X Below-grade tank: Subsection I of 19.15.17.11 NMAC
Volume: 45bbl Type of fluid: Produced Water
Tank Construction material: metal
Secondary containment with leak detection X 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. 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
X Alternate. Please specify 4' = 3' Hog Wire + One Strand Barb Wire

Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks)	
X 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	
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
<u>Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit.</u> NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	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. (Does not apply to below grade tanks) - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within the area overlying a subsurface mine. (Does not apply to below grade tanks) - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
 Within an unstable area. (Does not apply to below grade tanks) Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map 	☐ Yes ☐ No
Within a 100-year floodplain. (Does not apply to below grade tanks) - FEMA map	☐ Yes ☐ No
Below Grade Tanks	
Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured	☐ Yes ☐ No
from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	res rvo
 Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;. NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site 	☐ Yes ☐ No
<u>Temporary Pit using Low Chloride Drilling Fluid</u> (maximum chloride content 15,000 mg/liter)	
Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.) - Topographic map; Visual inspection (certification) of the proposed site	Yes No
Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial application.	☐ Yes ☐ No
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	
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								
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								
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								
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								
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 19.15.17.11 NMAC Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC Previously Approved Design (attach copy of design) API Number: or Permit Number:								
11.								
Multi-Well Fluid Management Pit Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the docattached. 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 and 19.15.17.13 NMAC Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC								
Previously Approved Design (attach copy of design) API Number: or Permit Number:								

12.	
Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the description is the subsection of the following items must be attached to the application.	documents are
attached.	aocaments are
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	
☐ Critified 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	
Usuarry Control Quarty Assurance Construction and instantation Flair 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	
13. Proposed Closure: 19.15.17.13 NMAC	
Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.	
Type: Drilling Workover Emergency Cavitation P&A Permanent Pit Below-grade Tank Multi-well Fl	luid Management Pit
Alternative	C .
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	attached to the
closure plan. Please indicate, by a check mark in the box, that the documents are attached.	unachea to the
Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC	
☐ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.13 NMAC ☐ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)	
☐ Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC	
Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC	
She Reclamation Fran - based upon the appropriate requirements of Subsection II of 19.13.17.13 NWIAC	
15.	
Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable sour	ua a matanial ana
provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. P	
19.15.17.10 NMAC for guidance.	
County and an articles than 25 feet below the house of the boxied articles.	
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
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	│
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).	Yes No
- Topographic map; Visual inspection (certification) of the proposed site	
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.	☐ Yes ☐ No
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	
Within 300 horizontal feet of a private, domestic fresh water well or spring used for domestic or stock watering purposes, in existence	☐ Yes ☐ No
at the time of initial application.	
- NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	
Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within 300 feet of a wetland.	
US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance	

adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No								
Within the area overlying a subsurface mine Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No								
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological									
Society; Topographic map Within a 100-year floodplain.	☐ Yes ☐ No								
- 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 Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC Waste Material Sampling Plan - based upon the appropriate requirements of 19.15.17.13 NMAC Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved) Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC									
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	of.								
Name (Print): Monica Smith Title: Environmental Specia									
MonicaSm4D Signature:									
Signature: Date: msmith@harvestmidstream.com e-mail address: Telephone: 505-632-4625									
18.									
OCD Approval: Permit Application (including closure plan)									
OCD Representative Signature: Victoria Venegas Approval Date: 12/23/2	2021								
Title:Environmental Specialist OCD 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 implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed. Closure Completion Date: August 26, 2020									
Closure Method: ☐ Waste Excavation and Removal ☐ On-Site Closure Method ☐ Alternative Closure Method ☐ Waste Removal (Closed-logo ☐ If different from approved plan, please explain.	op systems only)								
21. Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please in mark in the box, that the documents are attached. \[\] Proof of Closure Notice (surface owner and division) \[\] Proof of Deed Notice (required for on-site closure for private land only) \[\] Plot Plan (for on-site closures and temporary pits) \[\] Confirmation Sampling Analytical Results (if applicable) \[\] Waste Material Sampling Analytical Results (required for on-site closure) \[\] Disposal Facility Name and Permit Number Not Applicable- no soil disposal	dicate, by a check								

22. Operator Closure Certification:	
I hereby certify that the information and attachments submitted with this closure repubelief. I also certify that the closure complies with all applicable closure requirement	
Name (Print): Monica Smith	Title: Environmental Specialist
Signature:_MonicaSmith	Date:12/3/2020
e-mail address: msmith@harvestmidstream.com	Telephone: 505-632-4625



November 27, 2020

Monica Smith Environmental Specialist Harvest Four Corners, LLC 1755 Arroyo Dr. Bloomfield, New Mexico 87413

Sent via electronic mail to: msmith@harvestmidstream.com

RE: Below Grade Tank Closure Report
Tonkin #003R
API #3004522215
San Juan County, New Mexico

Dear Ms. Smith:

Animas Environmental Services, LLC (AES) is pleased to provide the final closure report for the 45-bbl below grade tank (BGT) under operational control of Harvest Four Corners (Harvest) at the Dugan Production Corporation (Dugan) Tonkin #003R (API #3004522215), located in San Juan County, New Mexico. Tank removal and closure sampling was completed by Harvest.

1.0 Site Information

1.1 Location

Site Name – Tonkin #003R (Dugan)

API# - 3004522215

Legal Description – SE¼ NW¼(F), Section 13, T27N, R12W, San Juan County, New Mexico Well Head Latitude/Longitude – N36.57776 and W108.06530, respectively BGT Latitude/Longitude – N36.57772 and W108.06526, respectively

Land Jurisdiction – Navajo Nation

Figure 1. Topographic Site Location Map

Figure 2. Aerial Site Map

624 E. Comanche St. Farmington, NM 87401 505-564-2281 www.animasenvironmental.com

Monica Smith Tonkin #003R BGT Closure Report November 27, 2020 Page 2 of 4

1.2 Depth to Groundwater Determination (NMAC 19.15.17.13 Table I)

In accordance with New Mexico Administrative Code (NMAC) 19.15.17.13 Table I (2013), BGT closure criteria are based on the depth to groundwater from the Pit Bottom of the BGT:

Depth to Groundwater: Prior to site work, the New Mexico Oil Conservation Division (NMOCD) and New Mexico Office of the State Engineer (NMOSE) databases were reviewed, and two industrial and domestic water wells (SJ 00065 and SJ 00076) located within one-half mile of the site reported depths to groundwater of 215 and 408 ft below ground surface (bgs). AES personnel concluded that depth to groundwater at the site was greater than 100 ft bgs.

Action levels are:

- 10 mg/kg benzene and 50 mg/kg total benzene, toluene, ethylbenzene, and xylene (BTEX);
- 1,000 mg/kg total petroleum hydrocarbons (TPH) as gasoline range organics (GRO) and diesel range organics (DRO);
- 2,500 mg/kg TPH as GRO, DRO, and motor oil range organics (MRO); and
- 20,000 mg/kg chloride.

2.0 BGT Closure

In accordance with standard procedures as outlined in the facility closure plan, Harvest removed any liquids and sludge found within the BGT within 60 days of it ceasing operations. Liquids and sludge were disposed of only at the NMOCD-approved facilities named in the closure plan. Subsequently, Harvest removed the BGT. All removed Harvest BGTs are properly disposed of, recycled, or reused in an approved manner. All associated equipment was also removed from the location.

3.0 Soil Sampling

On August 26, 2020, in accordance with NMAC 19.15.17.13(3)(a), Harvest personnel collected one 5-point soil sample (Pit Bottom) composited from four perimeter samples and one center sample of the BGT footprint from below the BGT liner. An additional sample (Pit Side) was also collected from the sidewalls.

3.1 Laboratory Analyses

Soil samples Pit Bottom and Pit Side were laboratory analyzed for:

Monica Smith Tonkin #003R BGT Closure Report November 27, 2020 Page 3 of 4

- BTEX per USEPA Method 8260B Short List;
- TPH for GRO, DRO, MRO per USEPA Method 8015M/D; and
- Chloride per USEPA Method 300.0.

3.2 Laboratory Analytical Results

Laboratory analytical results are summarized in Table 1 and presented on Figure 2. The laboratory analytical report is attached.

Table 1. Soil Laboratory Analytical Results
Tonkin #003R Harvest BGT Closure, August 2020

Sample ID	Date Sampled	Depth (ft)	Benzene (8260) (mg/kg)	Total BTEX (8260) (mg/kg)	TPH- GRO (8015) (mg/kg)	TPH – DRO (8015) (mg/kg)	TPH – MRO (8015) (mg/kg	Chloride (300.0) (mg/kg)
	NMOCD Acti 19.15.17.13		10	50		1,000/2,500)	20,000
Pit Bottom	8/26/20		<0.023	<0.210	<4.7	<9.9	<49	<60
Pit Side	8/26/20		<0.025	<0.225	<5.0	<9.2	<46	<60

^{*}Note - USEPA Method 8015 (TPH) utilized in lieu of USEPA Method 418.1.

4.0 Conclusions and Recommendations

4.1 Confirmation Sampling

NMOCD action levels for BGT closures are specified in NMAC 19.15.17.13 Table 1 (2013). Laboratory analytical results for benzene and total BTEX concentrations were below the NMOCD action levels of 10 mg/kg and 50 mg/kg, respectively. Laboratory analytical results (per USEPA Method 8015) reported GRO and DRO below the NMOCD action level of 1,000 mg/kg for depths to groundwater greater than 100 ft. Chloride concentrations in Pit Bottom were below the NMOCD action level of 20,000 mg/kg.

4.2 Revegetation and Site Reclamation

Because the well remains in active service, revegetation and site reclamation will not be initiated at this time. When the pipeline is taken out of service, Harvest will submit a C-144 with revegetation and site reclamation details.

Monica Smith Tonkin #003R BGT Closure Report November 27, 2020 Page 4 of 4

Based on BGT laboratory analytical results for benzene, total BTEX, TPH, and chloride at the location of the removed Harvest BGT, the site was backfilled with clean soil. No further work is recommended at Tonkin #003R for the Harvest BGT Closure.

If you have any questions about this report or site conditions, please do not hesitate to contact myself or Karen Lupton at (505) 564-2281.

Sincerely,

David J. Reese

Environmental Scientist

David of Rene

Elizabeth McNally, P.E.

Elizabeth V MeNdly

Attachments:

Figure 1. Topographic Site Location Map

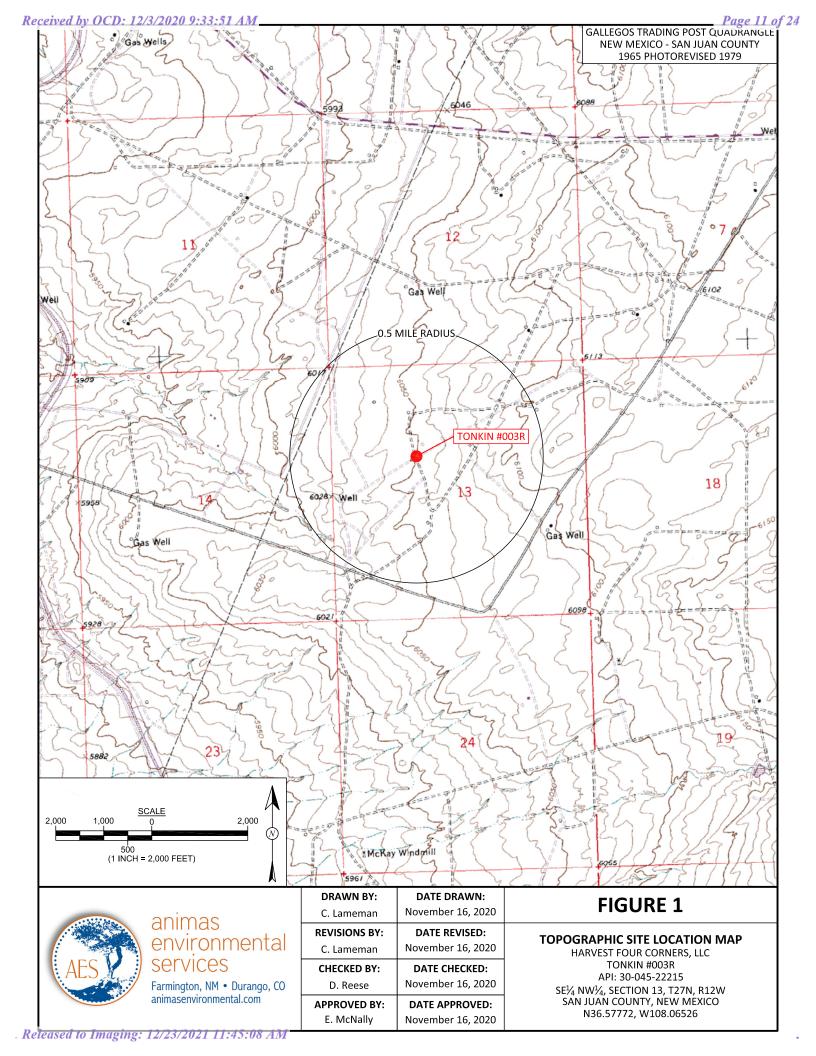
Figure 2. Aerial Site Map

Photograph Log

Proof of Closure Notice

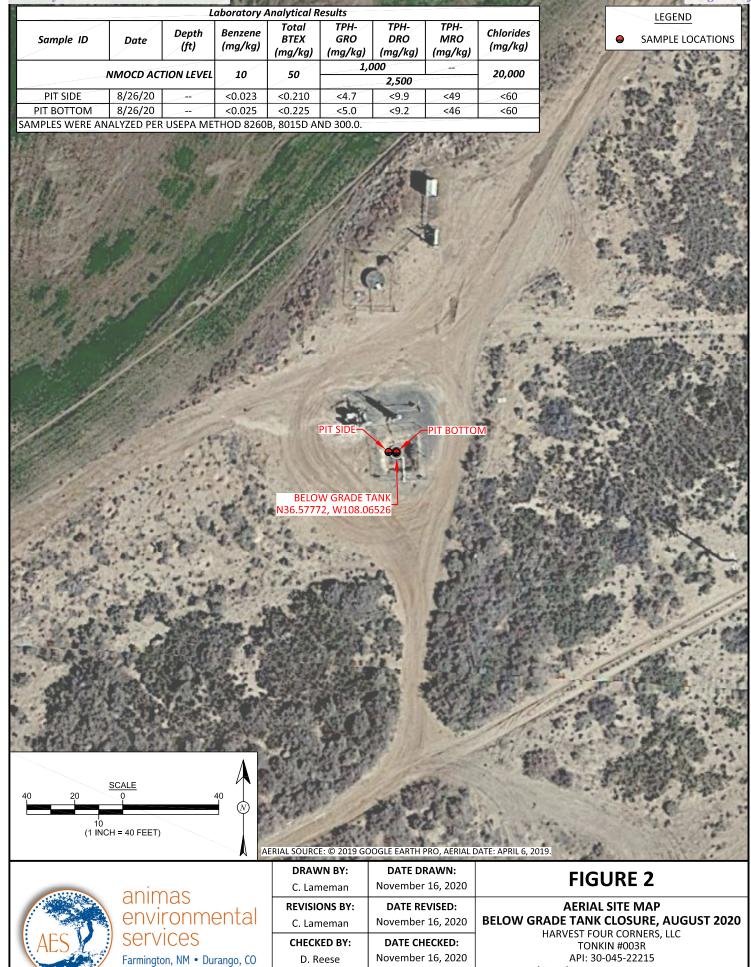
Hall Analytical Report 2008F13

HarvestMidstream/Shared Documents/Tonkin 003R BGT C-144/Closure Report for C-144/Tonkin #003R BGT Closure Report 112720.docx



 SE^{1}_{4} NW $^{1}_{4}$, SECTION 13, T27N, R12W SAN JUAN COUNTY, NEW MEXICO

N36.57772, W108.06526



animasenvironmental.com

APPROVED BY:

E. McNally

DATE APPROVED:

November 16, 2020

Photo 1: Tonkin #003R.



Photo 2: Tonkin #003R Backfill.



From: Monica Smith <msmith@harvestmidstream.com>

Sent: Friday, August 21, 2020 12:30 PM

To: 'Smith, Cory, EMNRD'

Cc: 'Powell, Brandon, EMNRD'; 'Kelly, Jonathan, EMNRD'

Subject: RE: [EXTERNAL] Compliance on the [30-045-22215] TONKIN #003R Meter Run

Cory,

Pursuant to the requirements of the New Mexico Oil Conservation District, Harvest Four Corners, LLC hereby provides notice of the intent to remove the below-grade tanks (BGT) at the following locations:

Tonkin #003R will take place Wednesday August 26, 2020 at 9:30am.

API# 30-045-22215

Location: Qtr/Qtr: F, Sec 13, Township 27N, Range 12W, San Juan County

Latitude: 36. 57772, Longitude: 108.06526

Please contact me if you have any questions regarding the proposed BGT removal and/or schedule.

Thank-you,

Monica Smith
Harvest Four Corners, LLC
msmith@harvestmidstream.com
(505) 632-4625 - office
(505) 947-1852 - cell

From: Monica Smith

Sent: Friday, August 21, 2020 11:25 AM

To: Kelly, Jonathan, EMNRD <Jonathan.Kelly@state.nm.us>; Jesse Graham <jegraham@harvestmidstream.com>; Kijun Hong <khong@harvestmidstream.com>; Joshua Miliara <jmiliara@harvestmidstream.com>; Bruce Armenta

<b

Cc: Powell, Brandon, EMNRD <Brandon.Powell@state.nm.us>; Smith, Cory, EMNRD <Cory.Smith@state.nm.us> **Subject:** RE: [EXTERNAL] Compliance on the [30-045-22215] TONKIN #003R Meter Run

Hi Jonathan,

That is correct, we filled a closure plan, as it decided to go ahead and remove the tank.

Operations is working to schedule the tank removal in the next couple of weeks, upon removal we will submit the closure plan.

Thank-you,

Monica Smith
Harvest Four Corners, LLC
msmith@harvestmidstream.com
(505) 632-4625 - office



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

September 03, 2020

Jesse Graham

Harvest

1755 Arroyo Dr.

Bloomfield, NM 87413

TEL: (505) 632-4475

FAX:

RE: Tonkin 3R OrderNo.: 2008F13

Dear Jesse Graham:

Hall Environmental Analysis Laboratory received 2 sample(s) on 8/27/2020 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

andy

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report Lab Order 2008F13

Date Reported: 9/3/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest Client Sample ID: Pit Side

 Project:
 Tonkin 3R
 Collection Date: 8/26/2020 10:30:00 AM

 Lab ID:
 2008F13-001
 Matrix: SOIL
 Received Date: 8/27/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CJS
Chloride	ND	60	mg/Kg	20	9/1/2020 6:03:32 PM	54828
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst	DJF
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	8/29/2020 3:18:40 AM	54746
Surr: BFB	101	70-130	%Rec	1	8/29/2020 3:18:40 AM	54746
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst	JME
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	8/31/2020 3:51:09 PM	54769
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	8/31/2020 3:51:09 PM	54769
Surr: DNOP	71.8	30.4-154	%Rec	1	8/31/2020 3:51:09 PM	54769
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst	DJF
Benzene	ND	0.023	mg/Kg	1	8/29/2020 3:18:40 AM	54746
Toluene	ND	0.047	mg/Kg	1	8/29/2020 3:18:40 AM	54746
Ethylbenzene	ND	0.047	mg/Kg	1	8/29/2020 3:18:40 AM	54746
Xylenes, Total	ND	0.093	mg/Kg	1	8/29/2020 3:18:40 AM	54746
Surr: 1,2-Dichloroethane-d4	101	70-130	%Rec	1	8/29/2020 3:18:40 AM	54746
Surr: 4-Bromofluorobenzene	100	70-130	%Rec	1	8/29/2020 3:18:40 AM	54746
Surr: Dibromofluoromethane	114	70-130	%Rec	1	8/29/2020 3:18:40 AM	54746
Surr: Toluene-d8	100	70-130	%Rec	1	8/29/2020 3:18:40 AM	54746

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

- 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 6

Analytical Report Lab Order 2008F13

Date Reported: 9/3/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest Client Sample ID: Pit Bottom

 Project:
 Tonkin 3R
 Collection Date: 8/26/2020 10:30:00 AM

 Lab ID:
 2008F13-002
 Matrix: SOIL
 Received Date: 8/27/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CJS
Chloride	ND	60	mg/Kg	20	9/1/2020 6:15:56 PM	54828
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst	DJF
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	8/29/2020 3:47:11 AM	54746
Surr: BFB	103	70-130	%Rec	1	8/29/2020 3:47:11 AM	54746
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst	JME
Diesel Range Organics (DRO)	ND	9.2	mg/Kg	1	8/31/2020 4:01:01 PM	54769
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	8/31/2020 4:01:01 PM	54769
Surr: DNOP	77.9	30.4-154	%Rec	1	8/31/2020 4:01:01 PM	54769
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst	DJF
Benzene	ND	0.025	mg/Kg	1	8/29/2020 3:47:11 AM	54746
Toluene	ND	0.050	mg/Kg	1	8/29/2020 3:47:11 AM	54746
Ethylbenzene	ND	0.050	mg/Kg	1	8/29/2020 3:47:11 AM	54746
Xylenes, Total	ND	0.10	mg/Kg	1	8/29/2020 3:47:11 AM	54746
Surr: 1,2-Dichloroethane-d4	94.2	70-130	%Rec	1	8/29/2020 3:47:11 AM	54746
Surr: 4-Bromofluorobenzene	98.6	70-130	%Rec	1	8/29/2020 3:47:11 AM	54746
Surr: Dibromofluoromethane	107	70-130	%Rec	1	8/29/2020 3:47:11 AM	54746
Surr: Toluene-d8	103	70-130	%Rec	1	8/29/2020 3:47:11 AM	54746

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

Qualifiers:

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Page 2 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#: **2008F13**

03-Sep-20

Client: Harvest
Project: Tonkin 3R

Sample ID: MB-54828 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 54828 RunNo: 71527

Prep Date: 8/31/2020 Analysis Date: 8/31/2020 SeqNo: 2498406 Units: mg/Kg

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

Chloride ND 1.5

Sample ID: LCS-54828 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 54828 RunNo: 71527

Prep Date: 8/31/2020 Analysis Date: 8/31/2020 SeqNo: 2498407 Units: mg/Kg

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

Chloride 14 1.5 15.00 0 92.9 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

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 6

Hall Environmental Analysis Laboratory, Inc.

5.0

WO#: **2008F13**

03-Sep-20

Client: Harvest
Project: Tonkin 3R

Surr: DNOP

Sample ID: MB-54769 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics PBS Client ID: Batch ID: 54769 RunNo: 71495 Prep Date: 8/28/2020 Analysis Date: 8/31/2020 SeqNo: 2496912 Units: mg/Kg Analyte PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Result Diesel Range Organics (DRO) ND 10 Motor Oil Range Organics (MRO) ND 50 Surr: DNOP 10 10.00 104 30.4 154

Sample ID: LCS-54769 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: LCSS Batch ID: 54769 RunNo: 71495 Prep Date: 8/28/2020 Analysis Date: 8/31/2020 SeqNo: 2496916 Units: mg/Kg SPK value SPK Ref Val %REC Analyte PQL LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 39 10 50.00 77.6 70 130

100

30.4

154

5.000

Qualifiers:

- Value exceeds Maximum Contaminant Level
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- 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

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- P Sample pH Not In Range
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Page 4 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#: **2008F13**

03-Sep-20

Client: Harvest
Project: Tonkin 3R

Sample ID: mb-54746	SampType: MBLK				TestCode: EPA Method 8260B: Volatiles Short List					
Client ID: PBS	Batc	h ID: 54	746	F	RunNo: 7	1464				
Prep Date: 8/27/2020	Analysis [Date: 8/	28/2020	SeqNo: 2495078			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 1,2-Dichloroethane-d4	0.48		0.5000		96.9	70	130			
Surr: 4-Bromofluorobenzene	0.50		0.5000		101	70	130			
Surr: Dibromofluoromethane	0.56		0.5000		112	70	130			
Surr: Toluene-d8	0.51		0.5000		102	70	130			

Sample ID: Ics-54746	SampT	ype: LC	E: LCS4 TestCode: EPA Method 8260B: Volatiles Short List							
Client ID: BatchQC	Batcl	n ID: 54 7	746	RunNo: 71464						
Prep Date: 8/27/2020	Analysis Date: 8/28/20			2020 SeqNo: 2495079			Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.93	0.025	1.000	0	93.4	80	120			
Toluene	0.99	0.050	1.000	0	99.1	80	120			
Ethylbenzene	1.0	0.050	1.000	0	100	80	120			
Xylenes, Total	3.1	0.10	3.000	0	105	80	120			
Surr: 1,2-Dichloroethane-d4	0.49		0.5000		98.2	70	130			
Surr: 4-Bromofluorobenzene	0.53		0.5000		105	70	130			
Surr: Dibromofluoromethane	0.54		0.5000		108	70	130			
Surr: Toluene-d8	0.49		0.5000		98.1	70	130			

Qualifiers:

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- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
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- RL Reporting Limit

Page 5 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#: **2008F13**

03-Sep-20

Client: Harvest
Project: Tonkin 3R

Surr: BFB

Sample ID: mb-54746 SampType: MBLK TestCode: EPA Method 8015D Mod: Gasoline Range

Client ID: PBS Batch ID: 54746 RunNo: 71464

Prep Date: 8/27/2020 Analysis Date: 8/28/2020 SeqNo: 2495102 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 520 500.0 104 70 130

Sample ID: Ics-54746 SampType: LCS TestCode: EPA Method 8015D Mod: Gasoline Range

Client ID: LCSS Batch ID: 54746 RunNo: 71464

510

Prep Date: 8/27/2020 Analysis Date: 8/28/2020 SeqNo: 2495103 Units: mg/Kg

500.0

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 23 5.0 25.00 0 90.3 70 130

101

70

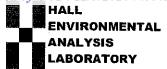
130

Qualifiers:

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- ND Not Detected at the Reporting Limit
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- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 6 of 6



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

Client Name:	Harvest	Work Order Numl	RcptNo: 1			
Received By:	Cheyenne Cason	8/27/2020 8:00:00 /	AM			
Completed By:	Isaiah Ortiz	8/27/2020 11:10:30	AM	I., O.	4	
Reviewed By:	em 8/27/7	0			•	
Chain of Cus	<u>tody</u>					
1. Is Chain of Ca	ustody complete?		Yes 🗹	No 🗌	Not Present	
2. How was the	sample delivered?		Courier			
<u>Log In</u>						
3. Was an attem	npt made to cool the sam	ples?	Yes 🗹	No 🗀	na 🗌	
4. Were all samp	oles received at a temper	rature of >0° C to 6.0°C	Yes 🗹	No 🗌	NA 🗌	
5. Sample(s) in p	proper container(s)?		Yes 🗸	No 🗆		
6. Sufficient sam	ple volume for indicated	test(s)?	Yes 🗹	No 🗌		
7. Are samples (except VOA and ONG) p	roperly preserved?	Yes 🗸	No 🗌		
8. Was preservat	tive added to bottles?		Yes 🗌	No 🗹	NA \square	
9. Received at le	ast 1 vial with headspace	e <1/4" for AQ VOA?	Yes 🗌	No 🗌	NA 🗹	
10. Were any san	nple containers received	broken?	Yes	No 🗹		
					# of preserved bottles checked	
	ork match bottle labels? ancies on chain of custoo	(v)	Yes 🗹	No 🗆	for pH:	12 unless noted)
	correctly identified on Cha		Yes 🗹	No 🗆	Adjusted?	12 dilloco llotody
	analyses were requeste		Yes 🗹	No 🗆		
14. Were all holdir	ng times able to be met? ustomer for authorization		Yes 🗹	No 🗆	Checked by: 1	M GIA
	ing (if applicable)	,				
	tified of all discrepancies	with this order?	Yes 🗀	No 🗌	NA 🗹	
Person	Notified:	Date:	· · · · ·		<u></u>	
By Who	·m:	Via:	# eMail	Phone Fax	☐ In Person	
Regardi	ng:			A CAPTANIA CONTRACTOR AND A CAPTANIA CONTRACTOR AND A CAPTANIA CONTRACTOR AND A CAPTANIA CAPT		
Client In	structions:		***************************************	7/22/11 X	F - Comment of the co	
16. Additional rer	marks:					
17. <u>Cooler Inform</u>	mation					
Cooler No	Temp ºC	Seal Intact Seal No	Seal Date	Signed By		
1	3.4 Good	Not Present				
2	5.3 Good	Not Present				

Received b	_	C D: 1.	2/3/2	2020	9:3.	3: 51 A	M			unun.							1,0		Page 23 of 2
HALL ENVIRONMENTAL	whollowing months of the	www.nanenvilonniendal.com ns NE - Albuquerque, NM 87109		Analysis		S ' [†] O	NO ₂ , F	'O/\ ' [©] O	r, Mer (AO)	8 ACRA 8 (7) F., B 8260 (V 8270 (Sa Total Co	×	×							Grahah and Stan Dean
H A		www.lls 4901 Hawkins NE	Tel. 505-345-3975			SMIS				EDB (Ma PAHs b)						_			25.3.4 :5.3.4
		901 Ha	el. 505				7808\ F	səp	ioite	94 1808								,	(S:) (S:) (S:) (S:) (S:)
	100	4	—							BTEX)/	×					_			Remarks: CC 3.4 + + 0 5.3 + 0 5.3 + 0
						0007	よ い N			HEAL NO.	001	(700			4				Date Time Re $8/2\nu$ pozo 1123 Date Time 3 $8/2\sqrt{2}$ Date Time 5 S/2 $7/2$ ov 80 0
Time:	}	38	Ė		ager:	riban	Se GraMA		(including CF):	Preservative Type	1007	Coo (Via: Via: Via: Croc
Turn-Around Time: 承Standard	Project Name:	Tenkin	Project #:	!	Project Manager	Jesse Gritun	Sampler: \$2552	# of Coolers:	Cooler Temp(mauding cer.	Container Type and #	204	204							Received by: Received by: CMCContracted to other acc
Chain-of-Custody Record		Mailing Address: 1755 Arms of dr	CK NN	Phone #: 505 632 4700	email or Fax#: Mon.cs Sx; た, Kjun hun	QA/QC Package:	1:	(bd)		Date Time Matrix Sample Name	8-26-20 10:20 Soil Pet 52	4-26-410:30 50:1 Pit Botten							Date: Time: Relinquished by: Part Part

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 11408

CONDITIONS

Operator:	OGRID:
Harvest Four Corners, LLC	373888
1111 Travis Street	Action Number:
Houston, TX 77002	11408
	Action Type:
	[C-144] PIT Generic Plan (C-144)

CONDITIONS

Created By	Condition	Condition Date
vvenegas	None	12/23/2021