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.

1.
Operator: Harvest Four Corners OGRID # 373888
Address: 1755 Arroyo Dr., Bloomfield, NM 87413
Facility or well name: Primo 1A
API Number: 30-045-21827 OCD Permit Number: _____
U/L or Qtr/Qtr D Section 6 Township 31N Range 10W County: San Juan
Center of Proposed Design: Latitude 36.93162 Longitude -107.92858 NAD83
Surface Owner: ☒ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment

2.
☐ **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: 45 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: Thickness _____mil ☐ HDPE ☐ PVC ☒ Other Single-Walled Single-Bottomed

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
☒ Alternate. Please specify 4' Hogwire with barbed top 2 wires

6.

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 acceptable source material are provided below. **Siting criteria does not apply to drying pads or above-grade tanks.**

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 ☐ 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 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	☐ Yes ☐ No
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 application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
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

10.

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
☐ 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: _____

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 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: _____

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 documents 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
- ☐ 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_2S, 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 Fluid Management Pit ☐ Alternative

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

14.
Waste Excavation and Removal 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.***

- ☐ 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

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 source material are provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. Please refer to 19.15.17.10 NMAC for guidance.

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	☐ Yes ☐ No ☐ NA
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 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	☐ Yes ☐ No
Within a 100-year floodplain. - FEMA map	☐ Yes ☐ No

16.
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 19.15.17.11 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
- ☐ Site Reclamation 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 belief.

Name (Print): Monica Smith Title: Environmental Specialist

Signature: MonicaSmith Date: 9/11/2020

e-mail address: msmith@harvestmidstream.com Telephone: 505-632-4625

18.
OCD Approval: ☐ Permit Application (including closure plan) ☒ ~~Closure Plan~~ (only) ☐ OCD Conditions (see attachment)
Closure Report

OCD Representative Signature: Victoria Venegas **Approval Date:** 11/04/2021

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:** July 15, 2020

20.
Closure Method:
☒ Waste Excavation and Removal ☐ On-Site Closure Method ☐ Alternative Closure Method ☐ Waste Removal (Closed-loop systems only)
☐ If different from approved plan, please explain.

21.
Closure Report Attachment Checklist: ***Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check 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*
- ☒ Soil Backfilling and Cover Installation
- ☐ Re-vegetation Application Rates and Seeding Technique *Not Applicable - area reasonably needed for operations*
- ☐ Site Reclamation (Photo Documentation) *Not Applicable - area reasonably needed for operations*

On-site Closure Location: Latitude _____ Longitude _____ NAD: ☐ 1927 ☐ 1983

22.

Operator Closure Certification:

I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.

Name (Print): Monica Smith Title: Environmental Specialist

Signature: MonicaSmith Date: 9/11/2020

e-mail address: msmith@harvestmidstream.com Telephone: 505-632-4625

September 10, 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
Primo #1A
API #3004521827
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 Hilcorp Primo #1A (API #3004521827), 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 – Primo #1A
API# – 3004521827
Legal Description – NW¼ NW¼, Section 6, T31N, R10W, San Juan County, New Mexico
Well Latitude/Longitude – N36.93114 and W107.92857, respectively
BGT Latitude/Longitude – N36.93162 and W107.92858, respectively
Land Jurisdiction – Bureau of Land Management (BLM)
Figure 1. Topographic Site Location Map
Figure 2. Aerial Site Map

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 in the absence of a release are based on the depth to groundwater from the bottom of the BGT:

- **Depth to Groundwater:** Prior to site work, the New Mexico Oil Conservation Division (NMOCD) database was reviewed. A cathodic protection report dated March 4, 1976, reported a depth to groundwater of 60 feet below ground surface (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
- 10,000 mg/kg chloride.

2.0 Soil Sampling

On July 15, 2020, in accordance with NMAC 19.15.17.13.C(3)(a), Harvest personnel collected one 5-point soil sample (Bottom) composited from four perimeter samples and one center sample of the BGT footprint from below the BGT liner. In addition, one sample (Side) was collected from soil adjacent to the sides of the former BGT.

2.1 Laboratory Analyses

Soil samples Bottom and Side were laboratory analyzed for:

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

2.2 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
Primo #1A 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 Action Level (NMAC 19.15.17.13 Table 1)			10	50	1,000/2,500*			10,000
Bottom	7/15/20	--	<0.023	<0.207	<4.6	<9.8	<49	<59
Side	7/10/20	--	<0.025	<0.222	<4.9	<10	<50	<60

**Note – USEPA Method 8015 (TPH) utilized in lieu of USEPA Method 418.1.*

3.0 Conclusions and Recommendations

3.1 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 between 50 and 100 feet. Chloride concentrations in Bottom and Side were below the NMOCD action level of 10,000 mg/kg.

3.2 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.

Based on BGT laboratory analytical results for benzene, total BTEX, TPH, and chloride for the Harvest BGT removed from the location, the site was backfilled with clean soil. No further work is recommended at Primo #1A 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

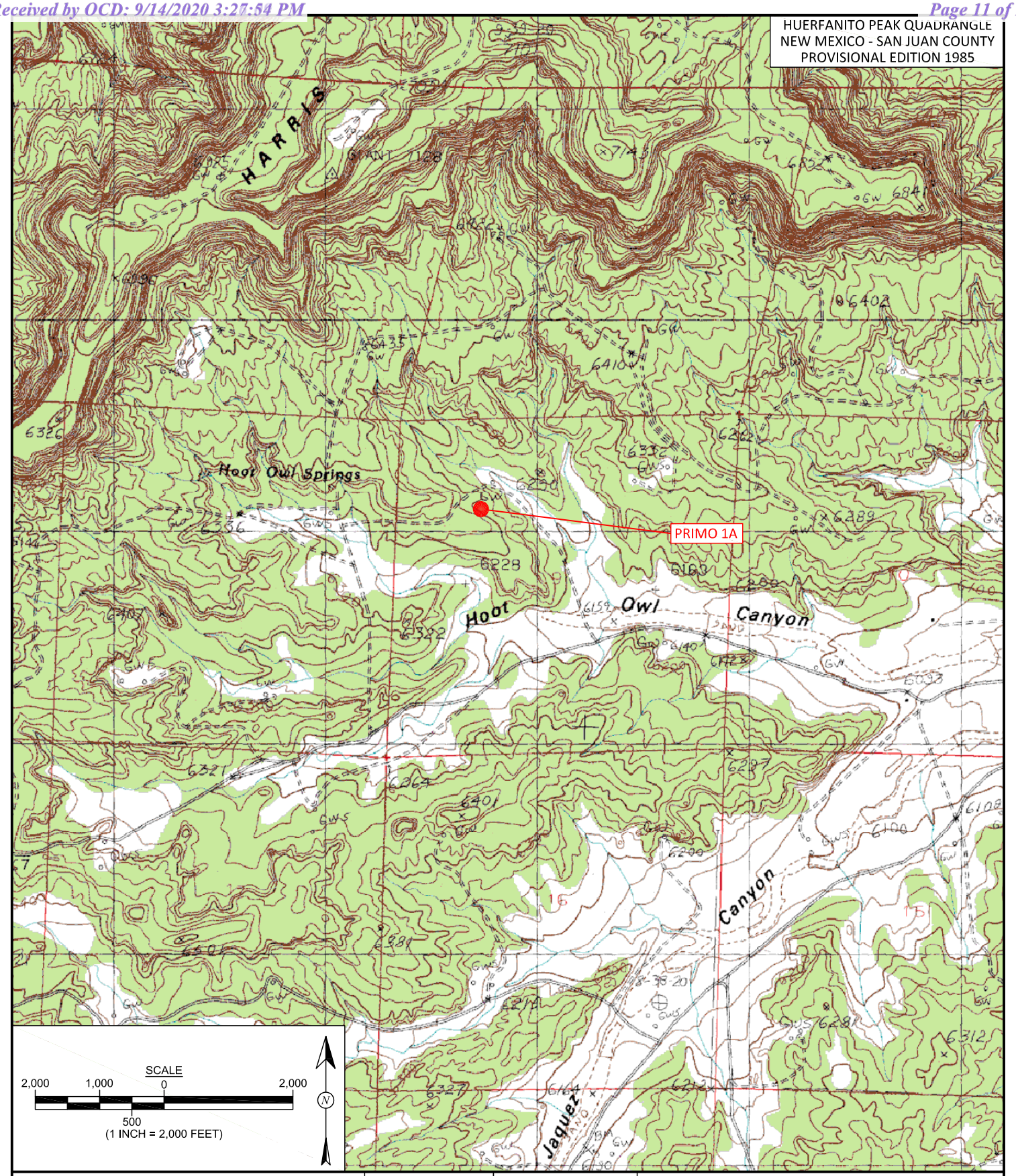
Environmental Scientist

Elizabeth McNally, P.E.

Attachments:

- Figure 1. Topographic Site Location Map
- Figure 2. Aerial Site Map
- Photograph Log
- Proof of Closure Notice
- Hall Analytical Report 2007815

https://animasenvironmental.sharepoint.com/sites/HarvestMidstream/Shared Documents/Primo 1A C-144/Closure Report for C-144/Primo 1A BGT Closure Report 091020.docx



animas environmental services
Farmington, NM • Durango, CO
animasenvironmental.com

DRAWN BY: C. Lameman	**DATE DRAWN:** August 24, 2020
REVISIONS BY: C. Lameman	**DATE REVISED:** August 24, 2020
CHECKED BY: D. Reese	**DATE CHECKED:** August 24, 2020
APPROVED BY: E. McNally	**DATE APPROVED:** August 24, 2020

FIGURE 1

TOPOGRAPHIC SITE LOCATION MAP
HARVEST FOUR CORNERS, LLC
PRIMO 1A
API: 3004521827
NW¼ NW¼, SECTION 6, T31N, R10W
SAN JUAN COUNTY, NEW MEXICO
N36.93114, W107.92857

Laboratory Analytical Results

Sample ID	Date	Depth (ft)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	TPH-MRO (mg/kg)	Chlorides (mg/kg)
NMOCD ACTION LEVEL			10	50	1,000 / 2,500		--	10,000
SIDE	7/15/20	--	<0.023	<0.207	<4.6	<9.8	<49	<59
BOTTOM	7/15/20	--	<0.025	<0.222	<4.9	<10	<50	<60

SAMPLES WERE ANALYZED PER USEPA METHOD 8260B, 8015D AND 300.0.

animas environmental services
Farmington, NM • Durango, CO
animasenvironmental.com

DRAWN BY: C. Lameman	DATE DRAWN: August 24, 2020
REVISIONS BY: C. Lameman	DATE REVISED: August 24, 2020
CHECKED BY: D. Reese	DATE CHECKED: August 24, 2020
APPROVED BY: E. McNally	DATE APPROVED: August 24, 2020

FIGURE 2

AERIAL SITE MAP
BELOW GRADE TANK CLOSURE, JULY 2020
HARVEST FOUR CORNERS, LLC
PRIMO 1A
API: 3004521827
NW¼ NW¼, SECTION 6, T31N, R10W
SAN JUAN COUNTY, NEW MEXICO
N36.93114, W107.92857

Photo 1: Primo #1A – Removed Harvest BGT.

Photo 2: Primo #1A after BGT removal backfill.

Photo 3: Primo #1A signage

David Reese

From: Monica Smith <msmith@harvestmidstream.com>
Sent: Sunday, July 12, 2020 9:45 PM
To: 'Smith, Cory, EMNRD'
Cc: Kijun Hong
Subject: Harvest - Florance P#003S and Primo #001A - Tank removal notification
Attachments: New Mexico OCD Application Submission was Approved by the OCD - 062620.pdf; New Mexico OCD Application Submission was Approved by the OCD 062920.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

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:

Facility: Florance P#003S
API#30-045-32427
Location: Qtr/ Qtr: I, Section 35, Township 30N, Range 8W, San Juan County
Latitude: 36.76567, Longitude:-107.63884

Facility: Primo #001A
API#30-045-21827
Location: Qtr/ Qtr: D, Section 06, Township 31N, Range 10W, San Juan County
Latitude: 36.93127, Longitude:-107.92858

BGT removal is schedule to begin on Wednesday July 15, 2020 at 8:00 am at Primo #001A, followed by Florance P#003S 12:30pm also on Wednesday July 15.

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

Thank-you,

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

July 22, 2020

Jesse Graham

Harvest
1755 Arroyo Dr.
Bloomfield, NM 87413
TEL: (505) 632-4475
FAX:

RE: Primo 1A Equip. Removal OrderNo.: 2007815

Dear Jesse Graham:

Hall Environmental Analysis Laboratory received 2 sample(s) on 7/16/2020 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
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2007815**
Date Reported: **7/22/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: Side
Project: Primo 1A Equip. Removal
Collection Date: 7/15/2020 10:01:00 AM
Lab ID: 2007815-001 **Matrix:** SOIL **Received Date:** 7/16/2020 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	ND	59		mg/Kg	20	7/21/2020 1:29:16 PM	53856
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	7/19/2020 8:41:25 PM	53805
Surr: BFB	96.6	70-130		%Rec	1	7/19/2020 8:41:25 PM	53805
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	7/21/2020 9:31:12 AM	53838
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/21/2020 9:31:12 AM	53838
Surr: DNOP	121	55.1-146		%Rec	1	7/21/2020 9:31:12 AM	53838
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**	
Benzene	ND	0.023		mg/Kg	1	7/19/2020 8:41:25 PM	53805
Toluene	ND	0.046		mg/Kg	1	7/19/2020 8:41:25 PM	53805
Ethylbenzene	ND	0.046		mg/Kg	1	7/19/2020 8:41:25 PM	53805
Xylenes, Total	ND	0.092		mg/Kg	1	7/19/2020 8:41:25 PM	53805
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	1	7/19/2020 8:41:25 PM	53805
Surr: 4-Bromofluorobenzene	91.5	70-130		%Rec	1	7/19/2020 8:41:25 PM	53805
Surr: Dibromofluoromethane	109	70-130		%Rec	1	7/19/2020 8:41:25 PM	53805
Surr: Toluene-d8	102	70-130		%Rec	1	7/19/2020 8:41:25 PM	53805

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

Analytical Report
Lab Order **2007815**
Date Reported: **7/22/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Harvest
Client Sample ID: Bottom
Project: Primo 1A Equip. Removal
Collection Date: 7/15/2020 10:03:00 AM
Lab ID: 2007815-002 **Matrix:** SOIL **Received Date:** 7/16/2020 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	ND	60		mg/Kg	20	7/21/2020 2:06:18 PM	53856
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: **JMR**	
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/19/2020 10:07:05 PM	53805
Surr: BFB	93.6	70-130		%Rec	1	7/19/2020 10:07:05 PM	53805
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **BRM**	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	7/21/2020 10:00:30 AM	53838
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/21/2020 10:00:30 AM	53838
Surr: DNOP	148	55.1-146	S	%Rec	1	7/21/2020 10:00:30 AM	53838
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **JMR**	
Benzene	ND	0.025		mg/Kg	1	7/19/2020 10:07:05 PM	53805
Toluene	ND	0.049		mg/Kg	1	7/19/2020 10:07:05 PM	53805
Ethylbenzene	ND	0.049		mg/Kg	1	7/19/2020 10:07:05 PM	53805
Xylenes, Total	ND	0.099		mg/Kg	1	7/19/2020 10:07:05 PM	53805
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	1	7/19/2020 10:07:05 PM	53805
Surr: 4-Bromofluorobenzene	88.8	70-130		%Rec	1	7/19/2020 10:07:05 PM	53805
Surr: Dibromofluoromethane	101	70-130		%Rec	1	7/19/2020 10:07:05 PM	53805
Surr: Toluene-d8	101	70-130		%Rec	1	7/19/2020 10:07:05 PM	53805

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2007815**

22-Jul-20

Client: Harvest

Project: Primo 1A Equip. Removal

Sample ID: **MB-53856** SampType: **mblk** TestCode: **EPA Method 300.0: Anions**

Client ID: **PBS** Batch ID: **53856** RunNo: **70504**

Prep Date: **7/21/2020** Analysis Date: **7/21/2020** SeqNo: **2452369** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-53856** SampType: **lcs** TestCode: **EPA Method 300.0: Anions**

Client ID: **LCSS** Batch ID: **53856** RunNo: **70504**

Prep Date: **7/21/2020** Analysis Date: **7/21/2020** SeqNo: **2452370** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.0	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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2007815**
22-Jul-20

Client: Harvest
Project: Primo 1A Equip. Removal

Sample ID: **LCS-53838** SampType: **LCS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS** Batch ID: **53838** RunNo: **70482**
Prep Date: **7/20/2020** Analysis Date: **7/21/2020** SeqNo: **2451567** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	60	10	50.00	0	120	70	130			
Surr: DNOP	5.8		5.000		116	55.1	146			

Sample ID: **MB-53838** SampType: **MBLK** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS** Batch ID: **53838** RunNo: **70482**
Prep Date: **7/20/2020** Analysis Date: **7/21/2020** SeqNo: **2451568** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	14		10.00		137	55.1	146			

Sample ID: **2007815-001AMS** SampType: **MS** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **Side** Batch ID: **53838** RunNo: **70490**
Prep Date: **7/20/2020** Analysis Date: **7/21/2020** SeqNo: **2451889** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	61	10	49.85	0	122	47.4	136			
Surr: DNOP	6.4		4.985		128	55.1	146			

Sample ID: **2007815-001AMSD** SampType: **MSD** TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **Side** Batch ID: **53838** RunNo: **70490**
Prep Date: **7/20/2020** Analysis Date: **7/21/2020** SeqNo: **2451890** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	56	9.8	48.83	0	114	47.4	136	9.00	43.4	
Surr: DNOP	5.9		4.883		121	55.1	146	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical 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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2007815**
22-Jul-20

Client: Harvest
Project: Primo 1A Equip. Removal

Sample ID: **mb-53805** SampType: **MBLK** TestCode: **EPA Method 8260B: Volatiles Short List**
Client ID: **PBS** Batch ID: **53805** RunNo: **70460**
Prep Date: **7/18/2020** Analysis Date: **7/19/2020** SeqNo: **2450300** 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	0.53		0.5000		105	70	130			
Surr: 4-Bromofluorobenzene	0.46		0.5000		92.1	70	130			
Surr: Dibromofluoromethane	0.55		0.5000		109	70	130			
Surr: Toluene-d8	0.51		0.5000		102	70	130			

Sample ID: **lcs-53805** SampType: **LCS4** TestCode: **EPA Method 8260B: Volatiles Short List**
Client ID: **BatchQC** Batch ID: **53805** RunNo: **70460**
Prep Date: **7/18/2020** Analysis Date: **7/19/2020** SeqNo: **2450309** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	1.000	0	110	80	120			
Toluene	1.0	0.050	1.000	0	102	80	120			
Ethylbenzene	1.0	0.050	1.000	0	102	80	120			
Xylenes, Total	3.2	0.10	3.000	0	108	80	120			
Surr: 1,2-Dichloroethane-d4	0.50		0.5000		100	70	130			
Surr: 4-Bromofluorobenzene	0.46		0.5000		91.1	70	130			
Surr: Dibromofluoromethane	0.54		0.5000		109	70	130			
Surr: Toluene-d8	0.53		0.5000		107	70	130			

Sample ID: **2007815-001ams** SampType: **MS4** TestCode: **EPA Method 8260B: Volatiles Short List**
Client ID: **Side** Batch ID: **53805** RunNo: **70460**
Prep Date: **7/18/2020** Analysis Date: **7/19/2020** SeqNo: **2450374** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.2	0.023	0.9355	0	129	71.1	115			S
Toluene	1.0	0.047	0.9355	0	109	79.6	132			
Ethylbenzene	1.1	0.047	0.9355	0	118	83.8	134			
Xylenes, Total	3.3	0.094	2.806	0	118	82.4	132			
Surr: 1,2-Dichloroethane-d4	0.49		0.4677		106	70	130			
Surr: 4-Bromofluorobenzene	0.44		0.4677		95.1	70	130			
Surr: Dibromofluoromethane	0.53		0.4677		114	70	130			
Surr: Toluene-d8	0.46		0.4677		99.4	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2007815**

22-Jul-20

Client: Harvest

Project: Primo 1A Equip. Removal

Sample ID: **2007815-001amsd** SampType: **MSD4** TestCode: **EPA Method 8260B: Volatiles Short List**

Client ID: **Side** Batch ID: **53805** RunNo: **70460**

Prep Date: **7/18/2020** Analysis Date: **7/19/2020** SeqNo: **2450376** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.2	0.023	0.9337	0	124	71.1	115	4.14	20	S
Toluene	1.0	0.047	0.9337	0	112	79.6	132	2.12	20	
Ethylbenzene	1.1	0.047	0.9337	0	116	83.8	134	2.51	20	
Xylenes, Total	3.3	0.093	2.801	0	119	82.4	132	0.918	20	
Surr: 1,2-Dichloroethane-d4	0.50		0.4669		108	70	130	0	0	
Surr: 4-Bromofluorobenzene	0.41		0.4669		87.8	70	130	0	0	
Surr: Dibromofluoromethane	0.51		0.4669		110	70	130	0	0	
Surr: Toluene-d8	0.48		0.4669		104	70	130	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical 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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2007815**

22-Jul-20

Client: Harvest

Project: Primo 1A Equip. Removal

Sample ID: **mb-53805**	SampType: **MBLK**	TestCode: **EPA Method 8015D Mod: Gasoline Range**
Client ID: **PBS**	Batch ID: **53805**	RunNo: **70460**
Prep Date: **7/18/2020**	Analysis Date: **7/19/2020**	SeqNo: **2450489** 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	480		500.0		95.1	70	130			

Sample ID: **lcs-53805**	SampType: **LCS**	TestCode: **EPA Method 8015D Mod: Gasoline Range**
Client ID: **LCSS**	Batch ID: **53805**	RunNo: **70460**
Prep Date: **7/18/2020**	Analysis Date: **7/19/2020**	SeqNo: **2450490** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	18	5.0	25.00	0	70.6	70	130			
Surr: BFB	480		500.0		96.5	70	130			

Sample ID: **2007815-002ams**	SampType: **MS**	TestCode: **EPA Method 8015D Mod: Gasoline Range**
Client ID: **Bottom**	Batch ID: **53805**	RunNo: **70460**
Prep Date: **7/18/2020**	Analysis Date: **7/19/2020**	SeqNo: **2450504** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	19	4.7	23.67	0	80.8	70	130			
Surr: BFB	470		473.5		99.5	70	130			

Sample ID: **2007815-002amsd**	SampType: **MSD**	TestCode: **EPA Method 8015D Mod: Gasoline Range**
Client ID: **Bottom**	Batch ID: **53805**	RunNo: **70460**
Prep Date: **7/18/2020**	Analysis Date: **7/19/2020**	SeqNo: **2450505** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	18	4.7	23.52	0	78.4	70	130	3.58	20	
Surr: BFB	450		470.4		95.6	70	130	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical 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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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 Number: **2007815** RcptNo: 1

Received By: **Desiree Dominguez** **7/16/2020 7:00:00 AM** DD

Completed By: **Emily Mocho** **7/16/2020 9:18:53 AM**

Reviewed By: EM 7/16/20

Chain of Custody

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

Log In

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

TO

# of preserved bottles checked for pH: 7/16/20 (<2 or >12 unless noted)

Adjusted?

Checked by:

Special Handling (if applicable)

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

Person Notified: Date:

By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.2	Good	Yes			

Chain-of-Custody Record

Client: Harvest Midstream

Mailing Address: 1755 Arroyo Dr Bloomfield NM

Phone #: 505-634-4953

email or Fax#: Monica Smith, Kijan Hong

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush

Project Name: Primo 1A equip removal

Project #:

Project Manager: Jesse Graham

Sampler: Jesse Graham

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp (including CF): 1.3 - 0.1 = 1.2°c

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2007815	(BTEX) MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	(Cl, F, Br, NO_3, NO_2, PO_4, SO_4)	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
7-15-20	10:01	Soil	Side	4 oz	Cool	-001	X	X					X			
7-15-20	10:03	Soil	Bottom	4 oz	Cool	-002	X	X					X			

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
7/15/2020	1232	Jesse Graham	Christine Walters		7/15/2020	1232
7/15/2020	1753	Christine Walters		courier	7/16/20	7:00

Remarks: cc jegraham@harvestmidstream.com
sdean@ " " "

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

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

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

CONDITIONS

Action 10171

CONDITIONS

Operator:	OGRID:
Harvest Four Corners, LLC 1111 Travis Street Houston, TX 77002	373888
	Action Number: 10171
	Action Type: [C-144] PIT Generic Plan (C-144)

CONDITIONS

Created By	Condition	Condition Date
vvenegas	None	11/4/2021