

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 August 1, 2011

For temporary pits, closed-loop systems, and below-grade tanks, submit to the appropriate NMOCD District Office.
For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

**Pit, Closed-Loop System, Below-Grade Tank, or
Proposed Alternative Method Permit or Closure Plan Application**

- Type of action: ☐ Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method
☒ Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method
☐ Modification to an existing permit
☐ Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system, below-grade tank, or proposed alternative method

Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, 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: Williams Four Corners, LLC OGRID #: _____
Address: 188 County Road 4900, Bloomfield, NM 87413
Facility or well name: NEBU 47
API Number: 30-045-60248 OCD Permit Number: _____
U/L or Qtr/Qtr K Section 32 Township 31 N Range 7 W County San Juan
Center of Proposed Design: Latitude 36.854313 Longitude -107.597093 NAD: ☐ 1927 ☒ 1983
Surface Owner: ☐ Federal ☒ State ☐ Private ☐ Tribal Trust or Indian Allotment

2.
☐ **Pit:** Subsection F or G of 19.15.17.11 NMAC
Temporary: ☐ Drilling ☐ Workover
☐ Permanent ☐ Emergency ☐ Cavitation ☐ P&A
☐ 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 _____

RCVD MAR 11 '13
OIL CONS. DIV.
DIST. 3

3.
☐ **Closed-loop System:** Subsection H of 19.15.17.11 NMAC
Type of Operation: ☐ P&A ☐ Drilling a new well ☐ Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent)
☐ Drying Pad ☐ Above Ground Steel Tanks ☐ Haul-off Bins ☐ Other _____
☐ Lined ☐ Unlined Liner type: Thickness _____ mil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other _____
Liner Seams: ☐ Welded ☐ Factory ☐ Other _____

4.
☒ **Below-grade tank:** Subsection I of 19.15.17.11 NMAC
Volume: 30 bbl Type of fluid: Produced Water – dehydrator or other produced fluids (RCRA exempt)
Tank Construction Material Steel
☐ 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 _____

5.
☐ **Alternative Method:**
Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

6.

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 _____

7.

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)

8.

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

9.

Administrative Approvals 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:

- ☐ Administrative approval(s): Requests must be submitted to the appropriate division district or the Santa Fe Environmental Bureau office for consideration of approval.
- ☐ Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

10.

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. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to drying pads or above-grade tanks associated with a closed-loop system.

| | |
|--|---|
| Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 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 | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applies to temporary, emergency, or cavitation pits and below-grade tanks) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA |
| Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applies to permanent pits) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA |
| Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site | <input type="checkbox"/> Yes <input type="checkbox"/> 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 | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Within a 100-year floodplain. - FEMA map | <input type="checkbox"/> Yes <input type="checkbox"/> No |

11.

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: _____

12.

Closed-loop Systems 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.

- ☐ Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9
☐ Siting Criteria Compliance Demonstrations (only for on-site closure) - 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: _____
☐ Previously Approved Operating and Maintenance Plan API Number: _____ (Applies only to closed-loop system that use above ground steel tanks or haul-off bins and propose to implement waste removal for closure)

13.

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 H₂S, 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

14.

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 ☐ Closed-loop System
☐ 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 (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)

15.

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 F 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 I of 19.15.17.13 NMAC
☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

16.

Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19.15.17.13.D NMAC)

Instructions: Please identify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more than two facilities are required.

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

Will any of the proposed closed-loop system operations and associated activities occur on or in areas that *will not* be used for future service and operations?

☐ Yes (If yes, please provide the information below) ☐ No

Required for impacted areas which will not be used for future service and operations:

☐ 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 I of 19.15.17.13 NMAC

☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

17.

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 may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC for guidance.

| | |
|---|---|
| Ground water is less than 50 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA |
| Ground water is between 50 and 100 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> 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 | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA |
| 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 | <input type="checkbox"/> Yes <input type="checkbox"/> 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 | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site | <input type="checkbox"/> Yes <input type="checkbox"/> 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 | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Within a 100-year floodplain. - FEMA map | <input type="checkbox"/> Yes <input type="checkbox"/> No |

18.

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 F of 19.15.17.13 NMAC
- ☐ Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements 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 Subsection F of 19.15.17.13 NMAC
- ☐ Waste Material Sampling Plan - based upon the appropriate requirements of Subsection F 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 I of 19.15.17.13 NMAC
- ☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

19.

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): _____ Title: _____
 Signature: _____ Date: _____
 e-mail address: _____ Telephone: _____

20.

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

OCD Representative Signature: Matthew D. Kelly Approval Date: 3/22/2013

Title: Compliance Officer OCD Permit Number: _____

21.

Closure Report (required within 60 days of closure completion): Subsection K of 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: 1/24/2013

22.

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.

23.

Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:

Instructions: Please identify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities were utilized.

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

Were the closed-loop system operations and associated activities performed on or in areas that *will not* be used for future service and operations?

☐ Yes (If yes, please demonstrate compliance to the items below) ☐ No

Required for impacted areas which will not be used for future service and operations:

- ☐ Site Reclamation (Photo Documentation)
☐ Soil Backfilling and Cover Installation
☐ Re-vegetation Application Rates and Seeding Technique

24.

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)
☐ 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 impacted soil removed from location)
☒ Soil Backfilling and Cover Installation
☐ Re-vegetation Application Rates and Seeding Technique
☐ Site Reclamation (Photo Documentation)

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

25.

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): Matthew Webre Title: Environmental Specialist
 Signature: [Signature] Date: 3/6/2013
 e-mail address: matt.webre@williams.com Telephone: (505) 632-4442

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

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

| | | |
|--|--|----------------------|
| Name of Company Williams Four Corners, LLC | Contact Matt Webre | |
| Address 188 CR 4900, Bloomfield, NM 87413 | Telephone No. 505-632-4442 | |
| Facility Name NEBU 47 | Facility Type Below Grade Tank Removal | |
| Surface Owner New Mexico State Lands | Mineral Owner | API No. 30-045-60248 |

LOCATION OF RELEASE

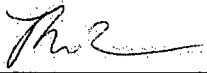
| | | | | | | | | |
|------------------|---------------|-----------------|-------------|---------------|------------------|---------------|----------------|--------------------|
| Unit Letter K | Section 32 | Township 31N | Range 7W | Feet from the | North/South Line | Feet from the | East/West Line | County San Juan |
|------------------|---------------|-----------------|-------------|---------------|------------------|---------------|----------------|--------------------|

Latitude 36.854313 N Longitude 107.597093 W

NATURE OF RELEASE

| | | |
|--|---|----------------------------|
| Type of Release N/A – Below Grade Tank Removal | Volume of Release 0 | Volume Recovered 0 |
| Source of Release Above Grade Tank | Date and Hour of Occurrence | Date and Hour of Discovery |
| Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required | If YES, To Whom? | |
| By Whom? | Date and Hour | |
| Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, Volume Impacting the Watercourse. | |
| If a Watercourse was Impacted, Describe Fully.* | | |
| Describe Cause of Problem and Remedial Action Taken.* N/A – Below grade tank removal. | | |
| Describe Area Affected and Cleanup Action Taken.* | | |

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

| | | |
|--|---|-----------------------------------|
| Signature:  | <u>OIL CONSERVATION DIVISION</u> | |
| Printed Name: Matt Webre | Approved by Environmental Specialist: | |
| Title: Environmental Specialist | Approval Date: | Expiration Date: |
| E-mail Address: matt.webre@williams.com | Conditions of Approval: | Attached <input type="checkbox"/> |
| Date: 3/5/2013 | Phone: 505-632-4442 | |

* Attach Additional Sheets If Necessary



Williams Four Corners, LLC
Below Grade Tank Closure Report
Well Name: NEBU 47
API Number: 30-045-60248

The following provides information related to the retirement and closure of the below grade tank (BGT) at the named location. All work was performed in accordance with Rule 19.15.17.13 NMAC and was consistent with the Williams BGT Closure Plan approved by NMOCD.

Requirement: Provide notices to NMOCD and landowner prior to closure actions.

Action: Notification made to landowner by mail and to NMOCD Aztec District Office by either mail (included with C-144) or by email.

Requirement: Eliminate discharge to BGT and remove free-standing liquids from BGT and or containment.

Action: Discharge to the BGT was eliminated and liquids, when present, were removed by a licensed hauler and taken to a NMOCD-permitted facility listed in the aforementioned closure plan.

Requirement: Remove ancillary equipment including piping, liner material, and fencing.

Action: Piping, liner material, and fencing were removed in advance or at the time of BGT retirement work. Scrap steel was recycled or placed in a Williams-owned storage area to allow evaluation for final disposition.

Requirement: Sample and test soils beneath the BGT to determine if there was hydrocarbon impact.

Action: Soils were sampled and analyzed for TPH, BTEX and chlorides. Results are attached to the C-144 Closure Form and are part of the closure documentation.

Requirement: Address contamination consistent with the Closure Plan or Remedial Action Plan/Protocol.

Action: Limited contaminated soil was encountered during the BGT, therefore removal was not required.

Requirement: Backfill containment/excavation with acceptably clean materials and return area to grade such that ponding and erosion are mitigated.

Action: Clean soil (as defined) was used to return the BGT area to grade and was contoured/leveled consistent with the Pit Rule criteria.

Requirement: Reclaim and re-seed the area consistent with the Pit Rule and Closure Plan criteria.

Action: This requirement was not completed as the BGT was located on an active well pad. As stated in the approved plan, this requirement is deferred pending further well production and/or subsequent actions of the leaseholder and will be addressed when the well site is reclaimed.

Any additional work performed and not described herein was completed consistent with the BGT Closure Plan and/or applicable NMOCD requirements. Further information is provided in the C-144 Closure Form as specified in the Pit Rule.

Webre, Matt

From: Webre, Matt
Sent: Friday, December 07, 2012 1:00 PM
To: Powell, Brandon, EMNRD
Cc: Valdez, Dwayne; morgankillion@yahoo.com; Ruybalid, Tristen
Subject: Notice of BGT Removal - NEBU 47

Pursuant to the requirements of the New Mexico Oil Conservation District (OCD), Williams hereby provides notice of the intent to remove the BGT at the following location:

NEBU 47 API No. 30-045-60248 Unit K, Section 32, Township 31N, Range 7W

Williams operated the BGT to capture liquids from a dehydrator located at the location.

The closure plan was approved by OCD on September 26, 2012. BGT removal is schedule to begin on Wednesday, December 12, 2012.

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

Matt Webre, P.G.
Environmental Specialist III
Williams Four Corners, LLC
(505) 632-4442 work
(505) 215-8059 cell
(505) 632-4781 fax
matt.webre@williams.com



Environmental Affairs
188 County Road 4900
Bloomfield, NM 87413
505/632-4600
505/632-4781 Fax

December 20, 2012

Mr. Scott Dawson
New Mexico State Lands – Oil, Gas, Minerals Division
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

RE: Notification of Below Ground Tank Closure – NEBU 47

Dear Mr. Dawson:

Pursuant to the requirements of the New Mexico Oil Conservation District (OCD), Williams hereby provides notice of the intent to remove the BGT at the following location:

NEBU 47 API No. 3004560248 Unit K, Section 32, Township 31N, Range 7W

The closure plan was approved by OCD on September 26, 2012. BGT removal was completed on Wednesday, December 12, 2012.

You may contact me at (505) 632-4442 with any questions regarding this notification.

Sincerely,

Matt Webre, P.G.
Environmental Specialist

I DO HEREBY CERTIFY that this document was sent by CERTIFIED MAIL to the named recipient at the address above on December 20th, 2012. By Kayleigh Raybald

Certified mail #

7012 0470 0001 1641 2659

SENDER: COMPLETE THIS SECTION

- ☒ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- ☒ Print your name and address on the reverse so that we can return the card to you.
- ☒ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Scott Dawson
New Mexico State Lands
Oil, Gas, Minerals Division
310 Old Santa Fe Trail
Santa Fe, NM 87501

2. Article Number

(Transfer from service label)

7012 0470 0001 1641 2659

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent

☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

JAN 4 2013

3. Service Type

☒ Certified Mail

☐ Express Mail

☐ Registered

☒ Return Receipt for Merchandise

☐ Insured Mail

☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

UNITED STATES POSTAL SERVICE



First-Class Mail
Postage & Fees Paid
USPS
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• Sender: Please print your name, address, and ZIP+4 in this box •

Williams Four Corners, LLC
Attn: Environmental Department
188 Country Road 4900
Bloomfield, NM 87413





Report Summary

Client: WFS

Chain of Custody Number: 14398

Samples Received: 12-12-12

Job Number: 00068-0146

Sample Number(s): 63932-63933

Project Name/Location: NEBU #47 & 37A 5 Point Comp.

Entire Report Reviewed By: _____

A handwritten signature in black ink, appearing to be "R" followed by a flourish.

Date: _____

12/20/12

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.



EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

| | | | |
|--------------------|----------------------------|---------------------|------------|
| Client: | WFS | Project #: | 00068-0146 |
| Sample ID: | Nebu #47 001 5 Point Comp. | Date Reported: | 12-17-12 |
| Laboratory Number: | 63932 | Date Sampled: | 12-12-12 |
| Chain of Custody: | 14398 | Date Received: | 12-12-12 |
| Sample Matrix: | Soil | Date Analyzed: | 12-14-12 |
| Preservative: | Cool | Date Extracted: | 12-13-12 |
| Condition: | Intact | Analysis Requested: | BTEX |
| | | Dilution: | 50 |

| Parameter | Concentration (ug/Kg) | Det. Limit (ug/Kg) |
|--------------|--------------------------|--------------------------|
| Benzene | ND | 10.0 |
| Toluene | ND | 10.0 |
| Ethylbenzene | ND | 10.0 |
| p,m-Xylene | ND | 10.0 |
| o-Xylene | ND | 10.0 |
| Total BTEX | ND | |

ND - Parameter not detected at the stated detection limit.

| Surrogate Recoveries: | Parameter | Percent Recovery |
|-----------------------|---------------------|------------------|
| | Fluorobenzene | 86.2 % |
| | 1,4-difluorobenzene | 93.9 % |
| | Bromochlorobenzene | 86.9 % |

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Nebu #47 & 37A 5 Point Comp.



EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

| | | | |
|--------------------|-----------------------------|---------------------|------------|
| Client: | WFS | Project #: | 00068-0146 |
| Sample ID: | Nebu #37A 001 5 Point Comp. | Date Reported: | 12-17-12 |
| Laboratory Number: | 63933 | Date Sampled: | 12-12-12 |
| Chain of Custody: | 14398 | Date Received: | 12-12-12 |
| Sample Matrix: | Soil | Date Analyzed: | 12-14-12 |
| Preservative: | Cool | Date Extracted: | 12-13-12 |
| Condition: | Intact | Analysis Requested: | BTEX |
| | | Dilution: | 50 |

| Parameter | Concentration (ug/Kg) | Det. Limit (ug/Kg) |
|--------------|--------------------------|--------------------------|
| Benzene | ND | 10.0 |
| Toluene | ND | 10.0 |
| Ethylbenzene | ND | 10.0 |
| p,m-Xylene | ND | 10.0 |
| o-Xylene | ND | 10.0 |
| Total BTEX | ND | |

ND - Parameter not detected at the stated detection limit.

| Surrogate Recoveries: | Parameter | Percent Recovery |
|-----------------------|---------------------|------------------|
| | Fluorobenzene | 85.7 % |
| | 1,4-difluorobenzene | 87.8 % |
| | Bromochlorobenzene | 89.9 % |

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Nebu #47 & 37A 5 Point Comp.



**EPA METHOD 8021
AROMATIC VOLATILE ORGANICS**

| | | | |
|--------------------|----------------|----------------|----------|
| Client: | N/A | Project #: | N/A |
| Sample ID: | 1214BCAL QA/QC | Date Reported: | 12-17-12 |
| Laboratory Number: | 63923 | Date Sampled: | N/A |
| Sample Matrix: | Soil | Date Received: | N/A |
| Preservative: | N/A | Date Analyzed: | 12-14-12 |
| Condition: | N/A | Analysis: | BTEX |
| | | Dilution: | 50 |

| Calibration and Detection Limits (ug/L) | I-Cal RF | C-Cal RF | %Diff | Blank Conc | Detect Limit |
|--|------------|---------------------|-------|---------------|-----------------|
| | | Accept. Range 0-15% | | | |
| Benzene | 9.4881E-05 | 9.5355E-05 | 0.005 | ND | 0.2 |
| Toluene | 8.6969E-05 | 8.6604E-05 | 0.004 | ND | 0.2 |
| Ethylbenzene | 9.7567E-05 | 9.9099E-05 | 0.016 | ND | 0.2 |
| p,m-Xylene | 8.1757E-05 | 8.1955E-05 | 0.002 | ND | 0.2 |
| o-Xylene | 9.9685E-05 | 1.0273E-04 | 0.031 | ND | 0.2 |

| Duplicate Conc. (ug/Kg) | Sample | Duplicate | %Diff | Accept Range | Detect Limit |
|-------------------------|--------|-----------|-------|--------------|--------------|
| Benzene | ND | ND | 0.00 | 0 - 30% | 10 |
| Toluene | ND | ND | 0.00 | 0 - 30% | 10 |
| Ethylbenzene | ND | ND | 0.00 | 0 - 30% | 10 |
| p,m-Xylene | ND | ND | 0.00 | 0 - 30% | 10 |
| o-Xylene | ND | ND | 0.00 | 0 - 30% | 10 |

| Spike Conc. (ug/Kg) | Sample | Amount Spiked | Spiked Sample | % Recovery | Accept Range |
|---------------------|--------|---------------|---------------|------------|--------------|
| Benzene | ND | 2500 | 2500 | 100 | 39 - 150 |
| Toluene | ND | 2500 | 2490 | 99.6 | 46 - 148 |
| Ethylbenzene | ND | 2500 | 2560 | 102 | 32 - 160 |
| p,m-Xylene | ND | 5000 | 5000 | 100 | 46 - 148 |
| o-Xylene | ND | 2500 | 2570 | 103 | 46 - 148 |

ND - Parameter not detected at the stated detection limit.

Dilution: Spike and spiked sample concentration represent a dilution proportional to sample dilution.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: QA/QC for Samples 63923-63929 and 63932-63933.



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Analytical Laboratory

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

| | | | |
|----------------------|----------------------------|------------------|------------|
| Client: | WFS | Project #: | 00068-0146 |
| Sample ID: | Nebu #47 001 5 Point Comp. | Date Reported: | 12-20-12 |
| Laboratory Number: | 63932 | Date Sampled: | 12-12-12 |
| Chain of Custody No: | 14398 | Date Received: | 12-12-12 |
| Sample Matrix: | Soil | Date Extracted: | 12-20-12 |
| Preservative: | Cool | Date Analyzed: | 12-20-12 |
| Condition: | Intact | Analysis Needed: | TPH-418.1 |

| Parameter | Concentration (mg/kg) | Det. Limit (mg/kg) |
|-----------|--------------------------|--------------------------|
|-----------|--------------------------|--------------------------|

| | | |
|------------------------------|-----|-----|
| Total Petroleum Hydrocarbons | 108 | 6.7 |
|------------------------------|-----|-----|

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: Nebu #47 & 37A 5 Point Comp.



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Analytical Laboratory

EPA METHOD 418.1

TOTAL PETROLEUM HYDROCARBONS

| | | | |
|----------------------|-----------------------------|------------------|------------|
| Client: | WFS | Project #: | 00068-0146 |
| Sample ID: | Nebu #37A 001 5 Point Comp. | Date Reported: | 12-20-12 |
| Laboratory Number: | 63933 | Date Sampled: | 12-12-12 |
| Chain of Custody No: | 14398 | Date Received: | 12-12-12 |
| Sample Matrix: | Soil | Date Extracted: | 12-20-12 |
| Preservative: | Cool | Date Analyzed: | 12-20-12 |
| Condition: | Intact | Analysis Needed: | TPH-418.1 |

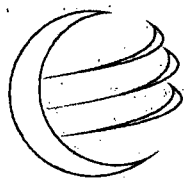
| Parameter | Concentration (mg/kg) | Det. Limit (mg/kg) |
|-----------|--------------------------|--------------------------|
|-----------|--------------------------|--------------------------|

| | | |
|-------------------------------------|------------|------------|
| Total Petroleum Hydrocarbons | 390 | 6.7 |
|-------------------------------------|------------|------------|

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: Nebu #47 & 37A 5 Point Comp.



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EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS QUALITY ASSURANCE REPORT

| | | | |
|--------------------|-----------------------|------------------|----------|
| Client: | QA/QC | Project #: | N/A |
| Sample ID: | QA/QC | Date Reported: | 12-20-12 |
| Laboratory Number: | 12-20-TPH.QA/QC 63934 | Date Sampled: | N/A |
| Sample Matrix: | Freon-113 | Date Analyzed: | 12-20-12 |
| Preservative: | N/A | Date Extracted: | 12-20-12 |
| Condition: | N/A | Analysis Needed: | TPH |

| Calibration | I-Cal Date | C-Cal Date | I-Cal RF | C-Cal RF | % Difference | Accept. Range |
|-------------|------------|------------|----------|----------|--------------|---------------|
| | 11-15-12 | 12-20-12 | 1,680 | 1,720 | 2.4% | +/- 10% |

| Blank Conc. (mg/Kg) | Concentration | Detection Limit |
|---------------------|---------------|-----------------|
| TPH | ND | 6.7 |

| Duplicate Conc. (mg/Kg) | Sample | Duplicate | % Difference | Accept. Range |
|-------------------------|--------|-----------|--------------|---------------|
| TPH | 16,800 | 14,800 | 11.9% | +/- 30% |

| Spike Conc. (mg/Kg) | Sample | Spike Added | Spike Result | % Recovery | Accept Range |
|---------------------|--------|-------------|--------------|------------|--------------|
| TPH | 16,800 | 2,000 | 17,500 | 93.1% | 80 - 120% |

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: QA/QC for Samples 63932-63939, 64011.



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Analytical Laboratory

Chloride

| | | | |
|----------------|----------------------------|-------------------|------------|
| Client: | WFS | Project #: | 00068-0146 |
| Sample ID: | NEBU #47 001 5 Point Comp. | Date Reported: | 12-14-12 |
| Lab ID#: | 63932 | Date Sampled: | 12-12-12 |
| Sample Matrix: | Soil | Date Received: | 12-12-12 |
| Preservative: | Cool | Date Analyzed: | 12-13-12 |
| Condition: | Intact | Chain of Custody: | 14398 |

| Parameter | Concentration (mg/Kg) |
|-----------|-----------------------|
|-----------|-----------------------|

Total Chloride

24.4

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **NEBU #47 & 37A 5 Point Comp.**



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Analytical Laboratory

Chloride

| | | | |
|----------------|-----------------------------|-------------------|------------|
| Client: | WFS | Project #: | 00068-0146 |
| Sample ID: | NEBU #37A 001 5 Point Comp. | Date Reported: | 12-14-12 |
| Lab ID#: | 63933 | Date Sampled: | 12-12-12 |
| Sample Matrix: | Soil | Date Received: | 12-12-12 |
| Preservative: | Cool | Date Analyzed: | 12-13-12 |
| Condition: | Intact | Chain of Custody: | 14398 |

| Parameter | Concentration (mg/Kg) |
|-----------|-----------------------|
|-----------|-----------------------|

Total Chloride


40.3

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **NEBU #47 & 37A 5 Point Comp.**

CHAIN OF CUSTODY RECORD

14398

| Client: <i>WFS</i> | | | Project Name / Location: <i>5 Point Comp.</i> <i>Nebu # 47 & 37A</i> | | | ANALYSIS / PARAMETERS | | | | | | | | | | | | | |
|--|-----------------|-------------|---|----------------------------|---------------------|--|--------------------|-------------------|---------------|-------------------------|---------------------|--|----------------|-------------|----------|----------|--|-------------|---------------|
| Email results to: <i>Matt.Webster@williams.com</i> | | | Sampler Name: <i>Morgan Killian</i> | | | TPH (Method 8015) | BTEX (Method 8021) | VOC (Method 8260) | RCRA 8 Metals | Cation / Anion | RCI | TCLP with H/P | CO Table 910-1 | TPH (418.1) | CHLORIDE | | | Sample Cool | Sample Intact |
| Client Phone No.: <i>505-215-8059</i> | | | Client No.: <i>00008-0146</i> | | | | | | | | | | | | | | | | |
| Sample No. / Identification | Sample Date | Sample Time | Lab No. | No. / Volume of Containers | Preservative | | | | | | | | | | | | | | |
| | | | | | HgCl ₂ | HCl | | | | | | | | | | | | | |
| <i>Nebu # 47 001 comp 5 Point</i> | <i>12-12-12</i> | <i>1:00</i> | <i>03932 P212037-01A</i> | <i>1-402</i> | | | | | | | | | | | <i>X</i> | <i>X</i> | | | <i>Y Y</i> |
| <i>Nebu # 37A 001 comp 5 Point</i> | <i>12-12-12</i> | <i>1:30</i> | <i>03933 P212037-02A</i> | <i>1-402</i> | | | | | | | | | | | <i>X</i> | <i>X</i> | | | <i>Y Y</i> |
| | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | |
| Relinquished by: (Signature) <i>Morgan Killian</i> | | | | Date <i>12/12/12</i> | Time <i>3:15</i> | Received by: (Signature) <i>[Signature]</i> | | | | Date <i>12/12/12</i> | Time <i>3:15</i> | | | | | | | | |
| Relinquished by: (Signature) | | | | | | Received by: (Signature) | | | | | | | | | | | | | |
| Sample Matrix Soil <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Sludge <input type="checkbox"/> Aqueous <input type="checkbox"/> Other <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Sample(s) dropped off after hours to secure drop off area. | | | | | | | | | | | |  | | | | | | | |

