

Page 1 of 26  
Received by OCD: 8/27/2020 3:24:00 PM  
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District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
311 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: John E. Schalk OGRID #: 11996

Address: 7415 E. Main Street Farmington, NM 87402

Facility or well name: Schalk 29-4 #004

API Number: 30-039-21139 OCD Permit Number: \_\_\_\_\_

U/L or Qtr/Qtr D Section 32 Township 29N Range 4W County: Rio Arriba

Center of Proposed Design: Latitude 36.68600 Longitude -107.28275 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: 95 bbl Type of fluid: Produced Water

Tank Construction material: Fiberglass

☐ 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 \_\_\_\_\_

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 Four Foot height with mesh T-Post

Page 2 of 26  
Received by OGD: 8/27/2020 3:24:00 PM  
Released to Imaging: 10/27/2021 10:01:58 AM

**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 300 feet 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: \_\_\_\_\_



Page 4 of 26  
Received by OGD: 8/27/2020 3:24:00 PM  
Released to Imaging: 10/27/2021 10:01:58 AM

2. **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<sub>2</sub>S, Prevention Plan
- ☐ Emergency Response Plan
- ☐ Oil Field Waste Stream Characterization
- ☐ Monitoring and Inspection Plan
- ☐ Erosion Control Plan
- ☐ Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

13. **Proposed Closure:** 19.15.17.13 NMAC

**Instructions:** Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.

- Type: ☐ Drilling ☐ Workover ☐ Emergency ☐ Cavitation ☐ P&A ☐ Permanent Pit ☒ Below-grade Tank ☐ Multi-well 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.<br>- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells   | <input type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> NA |
| Ground water is between 25-50 feet below the bottom of the buried waste<br>- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells   | <input type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> NA |
| Ground water is more than 100 feet below the bottom of the buried waste.<br>- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells  | <input type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> 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).<br>- 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.<br>- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image  | <input type="checkbox"/> Yes <input type="checkbox"/> 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.<br>- NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site | <input type="checkbox"/> Yes <input type="checkbox"/> No                                |
| Written confirmation or verification from the municipality; Written approval obtained from the municipality   | <input type="checkbox"/> Yes <input type="checkbox"/> No                                |
| Within 300 feet of a wetland.<br>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 incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance   |   |



Page 5 of 26  
Received by OCD: 8/27/2020 3:24:00 PM  
Released to Imaging: 10/27/2021 10:01:58 AM

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): \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

e-mail address: \_\_\_\_\_ Telephone: \_\_\_\_\_

18.

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

OCD Representative Signature: \_\_\_\_\_ Approval Date: \_\_\_\_\_

Title: \_\_\_\_\_ 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: 7/30/2020

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

On-site Closure Location: Latitude 36.68600 Longitude 107.28275 NAD: ☐ 1927 ☒ 1983

12.

**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): Vanessa Fields Title: Agent/ Regulatory Compliance Manager

Signature:  Date: 8/26/2020

e-mail address: vanessa@walsheng.net Telephone: 505-787-9100

## Vanessa Fields

---

**From:** Vanessa Fields  
**Sent:** Tuesday, July 28, 2020 5:44 AM  
**To:** Smith, Cory, EMNRD; Adeloye, Abiodun A  
**Cc:** Vern Andrews; Jimmie McKinney  
**Subject:** BGT Removal Notification Schalk 29-4 #004 Thursday July 30, 2020 9:00 am

Good morning,

Walsh Engineering on behalf of John E Schalk request the removal of the referenced BGTS on the Schalk 29-4 #004. There is one steel and fiberglass tank that will be removed Thursday July 30, 2020 9:00 am.

I am providing a 48 hour notice not a 72 hour notice per rule as this was an oversight on my part. Please let me know if there shall be any reason not to proceed.

I apologize for this.

Thank you,

**Vanessa Fields**  
Regulatory Compliance Manager  
Walsh Engineering /Epic Energy LLC.  
O: 505-327-4892  
C: 505-787-9100  
[vanessa@walsheng.net](mailto:vanessa@walsheng.net)

# 30-039-21139 SCHALK 29-4 #004 [10032]

## General Well Information

Operator: [11996] JOHN E SCHALK  
Status: Active  
Well Type: Gas  
Work Type: New  
  
Surface Location: D-32-29N-04W 1100 FNL 790 FWL  
Lat/Long: 36.686,-107.28275 NAD83  
GL Elevation: 7332  
KB Elevation:  
DF Elevation:





**Analytical Report**

**Report Summary**

Client: Schalk Development  
Samples Received: 7/30/2020  
Job Number: 07173-0001  
Work Order: P007090  
Project Name/Location: Schalk 29-4 #004 BGT  
Removal

Report Reviewed By:

A handwritten signature in black ink, appearing to read 'Walter Hinchman', is written over a horizontal line.

Date: 8/5/20

Walter Hinchman, Laboratory Director



Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.  
Statement of Data Authenticity: Envirotech, Inc, attests the data reported has not been altered in any way.  
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.  
Envirotech, Inc, holds the Utah TNI certification NM009792018-1 for the data reported.  
Envirotech, Inc, holds the Texas TNI certification T104704557-19-2 for the data reported.





Schalk Development	Project Name:	Schalk 29-4 #004 BGT Removal	
7415 E Main St.	Project Number:	07173-0001	Reported:
Farmington NM, 87402	Project Manager:	Vanessa Fields	08/05/20 11:21

Sample Summary

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
1-5pont Fiberglass Composite BGT Removal	P007090-01A	Soil	07/30/20	07/30/20	Glass Jar, 4 oz.

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Envirotech, Inc | 5796 U.S Highway 64 | Farmington, NM 87401 | 505.632.1881 | Envirotech-inc.com





Schalk Development  
7415 E Main St.  
Farmington NM, 87402

Project Name: Schalk 29-4 #004 BGT Removal  
Project Number: 07173-0001  
Project Manager: Vanessa Fields

Reported:  
08/05/20 11:21

**1-5pnt Fiberglass Composite BGT Removal  
P007090-01 (Solid)**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg			Batch: 2031026
Benzene	ND	0.0250	1	07/31/20	08/01/20	
Toluene	ND	0.0250	1	07/31/20	08/01/20	
Ethylbenzene	ND	0.0250	1	07/31/20	08/01/20	
p,m-Xylene	ND	0.0500	1	07/31/20	08/01/20	
o-Xylene	ND	0.0250	1	07/31/20	08/01/20	
Total Xylenes	ND	0.0250	1	07/31/20	08/01/20	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	50-150	07/31/20	08/01/20	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg			Batch: 2031026
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/31/20	08/01/20	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.1 %	50-150	07/31/20	08/01/20	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg			Batch: 2031027
Diesel Range Organics (C10-C28)	31.9	25.0	1	07/31/20	08/01/20	
Oil Range Organics (C28-C40)	ND	50.0	1	07/31/20	08/01/20	
<i>Surrogate: n-Nonane</i>		90.0 %	50-200	07/31/20	08/01/20	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg			Batch: 2032005
Chloride	ND	20.0	1	08/03/20	08/04/20	

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Envirotech, Inc | 5796 U.S Highway 64 | Farmington, NM 87401 | 505.632.1881 | Envirotech-inc.com







Schalk Development  
7415 E Main St.  
Farmington NM, 87402

Project Name: Schalk 29-4 #004 BGT Removal  
Project Number: 07173-0001  
Project Manager: Vanessa Fields

Reported:  
08/05/20 11:21

### Volatile Organics by EPA 8021B - Quality Control

Analyte	Result	Reporting Limit	Spike Level	Source Result	REC	REC Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

#### Blank (2031026-BLK1)

Prepared & Analyzed: 07/31/20 1

Benzene	ND	0.0250							
Toluene	ND	0.0250							
Ethylbenzene	ND	0.0250							
p,m-Xylene	ND	0.0500							
o-Xylene	ND	0.0250							
Total Xylenes	ND	0.0250							

Surrogate: 4-Bromochlorobenzene-PID 8.06 8.00 101 50-150

#### LCS (2031026-BS1)

Prepared & Analyzed: 07/31/20 1

Benzene	5.27	0.0250	5.00		105	70-130			
Toluene	5.28	0.0250	5.00		106	70-130			
Ethylbenzene	5.24	0.0250	5.00		105	70-130			
p,m-Xylene	10.5	0.0500	10.0		105	70-130			
o-Xylene	5.27	0.0250	5.00		105	70-130			
Total Xylenes	15.8	0.0250	15.0		105	0-200			

Surrogate: 4-Bromochlorobenzene-PID 8.29 8.00 104 50-150

#### Matrix Spike (2031026-MS1)

Source: P007081-01

Prepared & Analyzed: 07/31/20 1

Benzene	5.27	0.0250	5.00	ND	105	54.3-133			
Toluene	5.27	0.0250	5.00	ND	105	61.4-130			
Ethylbenzene	5.23	0.0250	5.00	ND	105	61.4-133			
p,m-Xylene	10.5	0.0500	10.0	ND	105	63.3-131			
o-Xylene	5.27	0.0250	5.00	ND	105	63.3-131			
Total Xylenes	15.7	0.0250	15.0	ND	105	0-200			

Surrogate: 4-Bromochlorobenzene-PID 8.40 8.00 105 50-150

#### Matrix Spike Dup (2031026-MSD1)

Source: P007081-01

Prepared & Analyzed: 07/31/20 1

Benzene	4.94	0.0250	5.00	ND	98.9	54.3-133	6.38	20	
Toluene	4.93	0.0250	5.00	ND	98.6	61.4-130	6.68	20	
Ethylbenzene	4.90	0.0250	5.00	ND	98.0	61.4-133	6.60	20	
p,m-Xylene	9.80	0.0500	10.0	ND	98.0	63.3-131	6.65	20	
o-Xylene	4.93	0.0250	5.00	ND	98.5	63.3-131	6.73	20	
Total Xylenes	14.7	0.0250	15.0	ND	98.2	0-200	6.68	200	

Surrogate: 4-Bromochlorobenzene-PID 8.31 8.00 104 50-150

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Schalk Development 7415 E Main St. Farmington NM, 87402	Project Name: Schalk 29-4 #004 BGT Removal Project Number: 07173-0001 Project Manager: Vanessa Fields	Reported: 08/05/20 11:21
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**Nonhalogenated Organics by EPA 8015D - GRO - Quality Control**

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	REC % %	REC Limits %	RPD % %	RPD Limit %	Notes
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**Blank (2031026-BLK1)**

Prepared & Analyzed: 07/31/20 1

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.20		8.00		90.0	50-150			

**LCS (2031026-BS2)**

Prepared & Analyzed: 07/31/20 1

Gasoline Range Organics (C6-C10)	43.6	20.0	50.0		87.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.14		8.00		89.3	50-150			

**Matrix Spike (2031026-MS2)**

Source: P007081-01 Prepared: 07/31/20 1 Analyzed: 07/31/20 2

Gasoline Range Organics (C6-C10)	43.6	20.0	50.0	ND	87.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.29		8.00		91.1	50-150			

**Matrix Spike Dup (2031026-MSD2)**

Source: P007081-01 Prepared: 07/31/20 1 Analyzed: 07/31/20 2

Gasoline Range Organics (C6-C10)	46.6	20.0	50.0	ND	93.2	70-130	6.79	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.21		8.00		90.2	50-150			

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Schalk Development  
7415 E Main St.  
Farmington NM, 87402

Project Name: Schalk 29-4 #004 BGT Removal  
Project Number: 07173-0001  
Project Manager: Vanessa Fields

Reported:  
08/05/20 11:21

### Nonhalogenated Organics by EPA 8015D - DRO/ORO - Quality Control

Analyte	Result	Reporting Limit	Spike Level	Source Result	REC	REC Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

#### Blank (2031027-BLK1)

Prepared & Analyzed: 07/31/20 1

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C40)	ND	50.0							
Surrogate: n-Nonane	42.4		50.0		84.8	50-200			

#### LCS (2031027-BS1)

Prepared & Analyzed: 07/31/20 1

Diesel Range Organics (C10-C28)	424	25.0	500		84.7	38-132			
Surrogate: n-Nonane	44.8		50.0		89.5	50-200			

#### Matrix Spike (2031027-MS1)

Source: P007081-01 Prepared & Analyzed: 07/31/20 1

Diesel Range Organics (C10-C28)	448	25.0	500	ND	89.5	38-132			
Surrogate: n-Nonane	46.5		50.0		93.0	50-200			

#### Matrix Spike Dup (2031027-MSD1)

Source: P007081-01 Prepared & Analyzed: 07/31/20 1

Diesel Range Organics (C10-C28)	439	25.0	500	ND	87.8	38-132	1.99	20	
Surrogate: n-Nonane	46.7		50.0		93.3	50-200			

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Schalk Development 7415 E Main St. Farmington NM, 87402	Project Name: Schalk 29-4 #004 BGT Removal Project Number: 07173-0001 Project Manager: Vanessa Fields	Reported: 08/05/20 11:21
---	---	-----------------------------

**Anions by EPA 300.0/9056A - Quality Control**

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	REC %	REC Limits %	RPD %	RPD Limit %	Notes
<b>Blank (2032005-BLK1)</b>									
Chloride	ND	20.0							Prepared: 08/03/20 0 Analyzed: 08/03/20 1
<b>LCS (2032005-BS1)</b>									
Chloride	250	20.0	250		100	90-110			Prepared: 08/03/20 0 Analyzed: 08/03/20 1
<b>Matrix Spike (2032005-MS1)</b>									
Chloride	266	20.0	250	ND	106	80-120			Source: P007086-01 Prepared: 08/03/20 0 Analyzed: 08/03/20 1
<b>Matrix Spike Dup (2032005-MSD1)</b>									
Chloride	264	20.0	250	ND	106	80-120	0.656	20	Source: P007086-01 Prepared: 08/03/20 0 Analyzed: 08/03/20 1

QC Summary Report Comment:  
 Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.  
 Therefore, hand calculated values may differ slightly.

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Schalk Development	Project Name:	Schalk 29-4 #004 BGT Removal	Reported: 08/05/20 11:21
7415 E Main St.	Project Number:	07173-0001	
Farmington NM, 87402	Project Manager:	Vanessa Fields	

Notes and Definitions

- ND      Analyte NOT DETECTED at or above the reporting limit
  - NR      Not Reported
  - RPD      Relative Percent Difference
  - \*\*      Methods marked with \*\* are non-accredited methods.
- Soil data is reported on an "as received" weight basis, unless reported otherwise.

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## Chain of Custody

Project Information

Project Information  
C/S Valsk Engineering

Client: <u>Walsh Engineering</u> Project: <u>SCHW 99-412 004</u> Project Manager: <u>Bill Demas</u> Address: <u>7115 E Main St</u> City, State, Zip: <u>Farmington NM</u> Phone: <u>505-787-9100</u> Email: <u>James@walsheng.net</u> Report due by: <u>Standard</u>	Client: <u>Walsh Engineering</u> Project: <u>SCHW 99-412 004</u> Project Manager: <u>Bill Demas</u> Address: <u>7115 E Main St</u> City, State, Zip: <u>Farmington NM</u> Phone: <u>505-787-9100</u> Email: <u>James@walsheng.net</u> Report due by: <u>Standard</u>
---	---

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number
9:15A	7/13/02		1402	Fiberless 1-5 Spout Composite	136T

[illegible]

Additional Instructions:	
--------------------------	--

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: *Scott Rodgers*

החלטתו של הוועד להקים את המוסד, וזאת לאחר שחבריו התלבטו בין הקמת מוסד לטיפול בבעיות של ילדים, לבין הקמת מוסד לטיפול בבעיות של מבוגרים.

Relinquished by: (Signature)	Date/	Time
------------------------------	-------	------

7/10/90 06/00/L 1-10/90-1

1567071751 / 071751 / 071751

Requisitioned by: (Signature)	Date /	Time
-------------------------------	--------	------

2019-2020

[illegible]

Polio, notified by (Signature)		Date	Time
--------------------------------	--	------	------

12. *Journal of the American Medical Association*, 2001; 286: 2669-2674.

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[illegible]

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other \_\_\_\_\_

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.

NOTE: Examples are discussed on days three, four and five of the course. The liability of

only to those samples received by the laboratory with this code. The liability of the

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100

# **THE**

Analytical Laboratory 24 Hrs

100

14. **Training:** 10/25/2021 10-01-50 AM

W 08:10:17 01/2/2021 10:58 AM



**envirotech**  
Analytical Laboratory

5796 US Highway 64, Farmington, NM 87401  
24 Hour Emergency Response Phone (800) 3

Ph (505) 632-1834 Fx (505) 632-1365

enuntechinc.com  
labadmin@enuntechinc.com



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

State of New Mexico  
Energy Minerals and Natural  
Resources Department

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

Form C-141  
Revised August 24, 2018  
Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party John E Schalk	OGRID 11996
Contact Name Vanessa Fields	Contact Telephone 505-787-9100
Contact email vanessa@walsheng.net	Incident # (assigned by OCD) N/A
Contact mailing address 7415 East Main Street Farmington, NM 87402	

### Location of Release Source

Latitude 36.68600 Longitude -107.28275  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Schalk 29-4 #004	Site Type Gas
Date Release Discovered N/A	API# (if applicable) 30-039-21139

Unit Letter	Section	Township	Range	County
D	32	29N	04W	Rio Arriba

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name: \_\_\_\_\_)

### Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: Analytical results were Non -Detect for all constituents except for DRO 31.9 mg/kg demonstrating a release did not occur. Analytical results attached.

State of New Mexico  
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?  
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?  	

### Initial Response

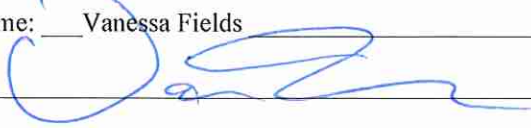
*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury*

- ☐ The source of the release has been stopped.  
☐ The impacted area has been secured to protect human health and the environment.  
☐ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.  
☐ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

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

Printed Name: Vanessa Fields Title: Agent /Regulatory Compliance Manager  
 Signature:  Date: 8/26/2020  
 email: vanessa@walsheng.net Telephone: 505-787-9100

#### OCD Only

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

State of New Mexico  
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

## Closure


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

**Closure Report Attachment Checklist:** *Each of the following items must be included in the closure report.*

- ☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Vanessa Fields Title: Agent/ Regulatory Compliance Manager

Signature:  Date: 8/26/2020

email: vanessa@walsheng.net Telephone: 505-787-9100

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_



## John E Schalk San Juan Basin Below Grade Tank Closure Plan

**Lease Name:** Schalk 29-4 #004 Fiberglass Tank

**API No.:** 30-039-21139

**Description:** Unit D, Section 32, Township 29N, Range 04W, Rio Arriba County

In accordance with Rule 19.15.17.13 NMAC the following information describes the closure requirements of below-grade tanks on John E Schalk locations. This is John E Schalk standard procedure for all below-grade tanks. A separate plan will be submitted for any below-grade tank which does not conform to this plan.

### General Plan

1. JOHN E SCHALK will obtain approval of this closure plan prior to commencing closure of the below grade tank at this location pursuant to 19.15.17.13.C (1) NMAC
2. JOHN E SCHALK will notify the surface owner by certified mail, return receipt requested, that the John E Schalk plans closure operations at least 72 hours, but no more than one week, prior to any closure operation. Notice will include:  
**Notice was provided to the NMOCD District III office and the Farmington NM BLM Office. Attached is a copy of notification**
  - a. Well Name
  - b. API #
  - c. Well Location
3. JOHN E SCHALK will notify the NMOCD Aztec Office by email that the John E Schalk plans closure operations at least 72 hours, but no more than one week, prior to any closure operation. Notice will include:
  - a. Well Name
  - b. API #
  - c. Well Location
4. Within 60 days of cessation of operations, JOHN E SCHALK will remove liquids and sludge from below-grade tanks prior to implementing a closure method and will dispose of the liquids and sludge in a division-approved facility. Approved facilities and waste streams include:
  - a. Soils, tank bottoms, produced sand, pit sludge and other exempt wastes impacted by petroleum hydrocarbons will be disposed of at:  
*Envirotech: Permit #NM01-0011 and IEI: Permit # NM01-0010B*
  - b. Produced Water will be disposed of at:  
*Basin Disposal: Permit # NM01-005 and JOHN E SCHALK owned saltwater Disposal Facilities*

**All liquids that were in the BGT were removed and sent to one of there referenced Division approved facilities**

Within six (6) months of cessation of operations, JOHN E SCHALK will remove the below-grade tank and dispose of it in a division-approved facility or recycle, reuse, or reclaim it in a manner that the appropriate division district office approves. If there is any equipment associated with a below-grade tank, then the John E Schalk shall remove the equipment, unless the equipment is required for some other purpose.

**The BGT was transported for recycling.**

5. JOHN E SCHALK will collect a closure sample of the soil beneath the location of the below grade tank that is being closed. The closure sample will consist of a five-point composite sample to include any obvious stained or wet soils, or other evidence of contamination. The closure sample will be analyzed for all constituents listed in Table I below, including DRO+GRO, Chlorides, TPH, benzene and BTEX.

**Analytical results came back below regulatory standards with DRO of 31.9mg/kg and DRO+GRO, Chlorides, TPH, benzene and BTEX of non-detect. An OCD and/or a BLM representative were not onsite to witness the BGT removal. A C-141 is attached demonstrating a release did not occur.**

Table I Closure Criteria for Soils Impacted by a Release			
Minimum depth below any point within the horizontal boundary of the release to ground water less than 10,000 mg/l TDS	Constituent	Method*	Limit**
≤ 50 feet	Chloride***	EPA 300.0 or SM4500 C1 B	600 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	100 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg
51 feet-100 feet	Chloride***	EPA 300.0 or SM4500 C1 B	10,000 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg
> 100 feet	Chloride***	EPA 300.0 or SM4500 C1 B	20,000 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg





If any contaminant concentration is higher than the parameters listed in Table I of 19.15.17.13 NMAC, the division may require additional delineation upon review of the results and the John E Schalk must receive approval before proceeding with closure. If all contaminant concentrations are less than or equal to the parameters listed in Table I of 19.15.17.13 NMAC, then the John E Schalk can proceed to backfill the pit, pad, or excavation with non-waste containing, uncontaminated, earthen material.

**A C-141 is attached for Closure demonstrating the analytical results were below regulatory standards.**

6. After closure has occurred, JOHN E SCHALK will reclaim the former BGT area, if it is no longer being used for extraction of oil and gas, by substantially restoring the impacted surface area to the condition that existed prior to oil and gas operations. JOHN E SCHALK will construct the soil cover to the site's existing grade and prevent ponding of water and erosion of the cover materials. The soil cover shall consist of the background thickness of topsoil, or one foot of suitable materials to establish vegetation at the site, whichever is greater. All areas will be reclaimed as early as practicable, and as close to their original condition or land use as possible. They shall be maintained in a way as to control dust and minimize erosion.

**The area has been backfilled and will be reclaimed once the well has been plugged and abandoned.**

7. JOHN E SCHALK will complete reclamation of all disturbed areas no longer in use when the ground disturbance activities at the site have been completed. The reseeding shall take place during the first favorable growing season after closure. Reclamation activities will be considered completed when a uniform vegetative cover has been established that reflects a life-form ratio of plus or minus fifty percent (50%) of pre-disturbance levels, and a total percent plant cover of at least seventy percent (70%) of pre-disturbance levels, excluding noxious weeds.

\*Re-vegetation and reclamation obligations imposed by other applicable federal, state or tribal agencies on lands managed by those agencies shall supersede the above requirements, provided they provide equal or better protection of fresh water, human health and the environment.

**The area has been backfilled and will be reclaimed once the well has been plugged and abandoned.**

8. JOHN E SCHALK will notify the Aztec Office of the NMOCD by email when reclamation and closure activities are completed.
9. Within 60 days of closure, JOHN E SCHALK will submit a closure report to the Aztec office of the NMOCD, filed on Form C-144. The report will include the following:
  - a. Proof of closure notice to NMOCD and surface owner
  - b. Confirmation sampling analytical results
  - c. Soil backfill and cover installation information
  - d. Photo documentation of site reclamation







**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**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 9882

CONDITIONS

Operator:  JOHN E SCHALK P.O. Box 25825 Albuquerque, NM 87125	OGRID:
	11996
	Action Number:
	9882
Action Type:	
[C-144] PIT Generic Plan (C-144)	

CONDITIONS

Created By	Condition	Condition Date
vvenegas	NMOCD has reviewed the Closure Report for the BGT associated with 30-039-21139 SCHALK 29-4 #004 received from [11996] JOHN E SCHALK on 8/27/2020. The Closure Report is approved.	10/27/2021