

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 June 6, 2013

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

13119

45-30985

- 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

OIL CONS. DIV DIST. 3

SEP 21 2015

**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: Enterprise Field Services OGRID #: 151618  
Address: P.O. Box 4324 c/o Environmental Department Houston, Texas 77210  
Facility or well name: San Juan 32-8 Unit 264H  
API Number: 30-045-30985 OCD Permit Number: \_\_\_\_\_  
U/L or Qtr/Qtr L Section 9 Township 32N Range 8W County: San Juan  
Center of Proposed Design: Latitude 36.998072 Longitude -107.685856 NAD:  1927  1983  
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: 20 bbl Type of fluid: lube oil  
Tank Construction material: double wall, double bottom, 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 \_\_\_\_\_

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 \_\_\_\_\_

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6.

**Netting:** Subsection E of 19.15.17.11 NMAC (*Applies to permanent pits and permanent open top tanks*)

- Screen  Netting  Other \_\_\_\_\_
- Monthly inspections (If netting or screening is not physically feasible)

7.

**Signs:** Subsection C of 19.15.17.11 NMAC

- 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers
- Signed in compliance with 19.15.16.8 NMAC

8.

**Variations and Exceptions:**

Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.

*Please check a box if one or more of the following is requested, if not leave blank:*

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

9.

**Siting Criteria (regarding permitting):** 19.15.17.10 NMAC

*Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. Siting criteria does not apply to drying pads or above-grade tanks.*

**General siting**

**Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank.**

- NM Office of the State Engineer - iWATERS database search;  USGS;  Data obtained from nearby wells

Yes  No  
 NA

**Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit.**

NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells

Yes  No  
 NA

Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. **(Does not apply to below grade tanks)**

- Written confirmation or verification from the municipality; Written approval obtained from the municipality

Yes  No

Within the area overlying a subsurface mine. **(Does not apply to below grade tanks)**

- Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division

Yes  No

Within an unstable area. **(Does not apply to below grade tanks)**

- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map

Yes  No

Within a 100-year floodplain. **(Does not apply to below grade tanks)**

- FEMA map

Yes  No

**Below Grade Tanks**

Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark).

- Topographic map; Visual inspection (certification) of the proposed site

Yes  No

Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;.

- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site

Yes  No

**Temporary Pit using Low Chloride Drilling Fluid** (maximum chloride content 15,000 mg/liter)

Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.)

- Topographic map; Visual inspection (certification) of the proposed site

Yes  No

Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial application.

- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image

Yes  No

Within 200 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 300feet of any other fresh water well or spring, in existence at the time of the initial application.

NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site

Yes  No

<p>Within 100 feet of a wetland.          - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p><b><u>Temporary Pit Non-low chloride drilling fluid</u></b></p>	
<p>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</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>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</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>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</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>Within 300 feet of a wetland.          - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p><b><u>Permanent Pit or Multi-Well Fluid Management Pit</u></b></p>	
<p>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</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>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</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>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</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>Within 500 feet of a wetland.          - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No

10. **Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist:** Subsection B of 19.15.17.9 NMAC  
*Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.*

Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC  
 Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC  
 Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC  
 Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC  
 Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC  
 Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

Previously Approved Design (attach copy of design) API Number: \_\_\_\_\_ or Permit Number: \_\_\_\_\_

11. **Multi-Well Fluid Management Pit Checklist:** Subsection B of 19.15.17.9 NMAC  
*Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.*

Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC  
 Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC  
 A List of wells with approved application for permit to drill associated with the pit.  
 Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC  
 Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC  
 Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC

Previously Approved Design (attach copy of design) API Number: \_\_\_\_\_ or Permit Number: \_\_\_\_\_

12.

**Permanent Pits Permit Application Checklist:** Subsection B of 19.15.17.9 NMAC

*Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.*

- Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC
- Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- Climatological Factors Assessment
- Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC
- Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC
- Quality Control/Quality Assurance Construction and Installation Plan
- Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- Nuisance or Hazardous Odors, including H<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   | <input type="checkbox"/> Yes <input type="checkbox"/> No                                |

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 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

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: Jonathan D. Kelly Approval Date: 10/5/2015

Title: Compliance Officer 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: April 2, 2015

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 \_\_\_\_\_ Longitude \_\_\_\_\_ NAD:  1927  1983

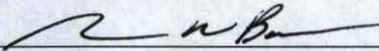
22.

**Operator Closure Certification:**

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

Name (Print): Graham Bacon

Title: Group Sr. Vice President

Signature: 

Date: 9-15-2015

e-mail address: snolan@eprod.com

Telephone: 713-381-6595

**Enterprise Field Services**  
**San Juan Basin of New Mexico**  
**Below Grade Tank Closure Plan/Below-Grade Tank Closure Report**  
**San Juan 32-8 Unit 264H**  
**Unit Letter L, Section 9, T32N, R8W**  
**San Juan County, New Mexico**

The following plan outlines Enterprise Field Services (Enterprise) proposed closure method and proposed procedures and protocols to implement and complete below-grade tank (BGT) closures on Enterprise locations in the San Juan Basin of New Mexico. This plan had been developed in accordance with Rule 19.15.17.13 NMAC. Enterprise will not commence closure without first obtaining approval of the closure plan from the New Mexico Oil Conservation Division (NMOCD) District III Office. If deviations from this plan are necessary, Enterprise will request preapproval from the District III Office of any specific changes. Additional changes/deviations will be included on Form C-144.

**Cory Smith, NMOCD, approved the Enterprise BGT Closure Plan on January 9, 2015.**

**Closure Notice**

1. Enterprise will notify the surface owner by certified mail, return receipt requested, that Enterprise plans closure operations at least 72 hours, but not more than one week, prior to any closure operation. The notice will include well /facility name, API number (if associated with a particular well) and location. Evidence of mailing of the notice to the address of the surface owner shown in the county tax records is sufficient to demonstrate compliance with this requirement.

**Enterprise notified B Square Ranch, LLC, prior to BGT closure. The notification is attached.**

2. (Approved Variance) Enterprise requests notification procedures for notifying NMOCD District III office and all public surface owners (BLM, Tribal or State) by email that Enterprise plans closure operations at least 72 hours, but not more than one week, prior to any closure operation activity, instead of by certified mail. The notices will include well/facility name, API number (if associated with a particular well) and location.

**Enterprise sent notification to the District III Office via email on March 19, 2015. Mr. Jonathon Kelly, NMOCD, was present during BGT removal and soil sampling activities. The notification is attached.**

**Closure Method**

3. Within 60 days of cessation of operations, Enterprise will remove liquids and sludge (contents) from the BGT prior to implementing a closure method and will dispose of the liquids and sludge in a NMOCD-approved facility. The liquids and sludge will be shoveled and/or vacuumed from the BGT and disposed at one of the following facilities, depending on proximity to the BGT site:
  - Envirotech Land Farm (Permit #NM-01-011)
  - Basin Disposal (Permit #NM-01-0005)
  - JFJ Landfarm, LLC- Industrial Ecosystems Inc.(Permit #NM-01-010-B)

**The BGT was dry. No fluids or sludge were removed from the tank during closure activities.**

4. Within six months of cessation of operations, Enterprise will remove the BGT and dispose of it in a NMOCD-approved facility or recycle, reuse, or reclaim it in a manner that the Division III Office

approves. Documentation as to the final disposition of the removed BGT will be included within the final closure report. If there is any on-site equipment associated the BGT, Enterprise will remove the equipment, unless the equipment is required for some other purpose. Enterprise anticipates that steel materials will be recycled or reused as approved by NMOCD. Liner materials (if applicable) will be cleaned to remove soils and/or contaminated material for disposal as solid waste. Solid waste will be disposed of at the San Juan Regional Landfill (Permit #SWM-052426).

**The tank and associated barricade was transported to the Enterprise Farmington Warehouse Yard for storage until reuse.**

5. Following removal of the BGT, Enterprise will test the soils beneath the BGT as follows:
- At a minimum, Enterprise will collect a five point composite sample to include any obvious stained or wet soils, or other evidence of contamination under the BGT. The sample will be analyzed for the constituents listed in Table I of 19.15.17.13 NMAC (see next page).

**A five point composite sample (SC-1) was collected from beneath the BGT following BGT removal. Mr. Jonathan Kelly, NMOCD, was onsite during soil sampling activities. No obvious stained or wet soils were observed below the BGT. The sample was submitted to Hall Environmental Analysis Laboratory, Albuquerque, NM, for analysis of the constituents listed in Table 1 of 19.15.17.13 NMAC. A summary of the field work is attached.**

6. If any contaminant concentration is higher than the parameters listed in Table I of 19.15.17.13 NMAC, Enterprise will notify the District III Office of the results. Enterprise will not continue with BGT closure activities until approval has been granted by the District III Office. Enterprise acknowledges that additional delineation may be required.

**Laboratory results for benzene, BTEX, TPX, GRO + DRO, and chlorides were reported below the applicable NMOCD remediation standards. Sampling results indicate no release occurred from the BGT. The laboratory analytical report is attached.**

**Laboratory analytical results for SC-1 are as follows:**

**Table 1. SC-1 Soil Sampling Results**

Constituent	Method	Limit (mg/kg) (Groundwater > 100 feet )	Results (mg/kg)
Chloride	EPA 300.0	20,000	3.9
TPH	EPA SW-846 Method 418.1	2,500	<20
GRO + DRO	EPA SW-846 Method 8015D	1,000	<14.8
BTEX	EPA SW-846 Method 8021B	50	<0.24
Benzene	EPA SW-846 Method 8021B	10	<0.048

TPH= Total Petroleum Hydrocarbons

BTEX = benzene, toluene, ethylbenzene, and total xylenes

GRO = Gasoline range organics

DRO = Diesel range organics

7. If the results from the sampling demonstrate that all contaminant concentrations are less than or equal to the parameters listed in Table I of 19.15.17.13 NMAC, then Enterprise will proceed to backfill the excavation with non-waste containing, uncontaminated, earthen material.

**The BGT location was backfilled with clean soil, following receipt of laboratory analytical results.**

**Stabilization (Areas needed for production operations):**

8. In areas reasonably needed for production operations, Enterprise will compact, cover, pave, or otherwise stabilize and maintain these areas in such a way as to minimize dust and erosion to the extent practicable. Reseeding will be completed upon facility closure and will follow the procedure below.

**The BGT location was backfilled with clean soil and compacted to minimize dust and erosion on April 2, 2015. The BGT location will be reclaimed when it is no longer needed for production operations.**

**Reclamation (Areas no longer required for production operations or at facility closure):**

9. Enterprise will reclaim the BGT location and all areas associated with BGT including associated access roads, to a safe and stable condition that blends with the surrounding undisturbed area. Enterprise will substantially restore the impacted surface area to the condition that existed prior to oil and gas operations by placement of the soil cover as provided in 19.15.17.13.H (2) NMAC, recontour the BGT location and associated areas to a contour that approximates the original contour and blends with the surrounding topography and re-vegetate according to 19.15.17.13.H. (5) NMAC.

**The BGT location was backfilled with clean soil. The BGT location will be reclaimed when it is no longer needed for production operations.**

10. Enterprise may propose an alternative to the re-vegetation or recontouring requirement if Enterprise can demonstrate to the District III Office that the proposed alternative provides equal or better prevention of erosion, and protection of fresh water, public health and the environment. The proposed alternative will be agreed upon by the surface owner. Enterprise will submit the proposed alternative, with written documentation that the surface owner agrees to the alternative, to the division for approval.

**The BGT location was backfilled with clean soil. The BGT location will be reclaimed when it is no longer needed for production operations.**

11. The soil cover for closures after site contouring, where Enterprise has removed the BGT, and if necessary remediated the soil beneath the BGT to chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, will consist of the background thickness of topsoil or one foot of suitable material, whichever is greater.

**The BGT location was backfilled with clean soil. The BGT location will be reclaimed when it is no longer needed for production operations.**

12. Enterprise will construct the soil cover to the site's existing grade and prevent ponding of water and erosion of the cover material.

**The BGT location was backfilled with clean soil. The BGT location will be reclaimed when it is no longer needed for production operations.**

13. All areas disturbed by the closure of the BGT, except areas reasonably needed for production operations, will be reclaimed as early and as nearly as practicable to their original condition or their final land use and will be maintained to control dust and minimize erosion to the extent practicable.

**The BGT location was backfilled with clean soil. The BGT location will be reclaimed when it is no longer needed for production operations.**

14. Enterprise will replace topsoils and subsoils to their original relative positions and contoured so as to achieve erosion control, long-term stability and preservation of surface water flow patterns. The disturbed area will be reseeded in the first favorable growing season following closure of the BGT.

**The BGT location was backfilled with clean soil. The BGT location will be reclaimed when it is no longer needed for production operations.**

15. Reclamation of all disturbed areas no longer in use will be considered complete when all ground surface disturbing activities at the site have been completed, and 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.

**Enterprise will seed/reclaim the BGT location once it is no longer needed for production operations.**

16. The re-vegetation and reclamation obligations imposed by other applicable federal or tribal agencies on lands managed by those agencies shall supersede these provisions and govern the obligations of Enterprise subject to those provisions, provided that the other requirements provide equal or better protection of fresh water, human health and the environment.

**Enterprise will seed/reclaim the BGT location once it is no longer needed for production operations.**

17. Enterprise will notify the District III Office when reclamation and re-vegetation have been completed at the site.

**Enterprise will notify the District III Office when re-vegetation has been completed and is successful.**

### **Closure Report**

18. Within 60 days of closure completion of the BGT, Enterprise will submit a closure report on Form C-144, with necessary attachments to document all closure activities. The closure report will contain the following attachments:

- Proof of Closure Notice,
- Confirmation Sampling Results,
- Disposal Facility Name and Permit Number, and
- Details on back-filling, capping and covering, where applicable.

**Closure report on C-144 is included.**

Enterprise will certify that all information in the report and attachments is correct and that Enterprise has complied with all applicable closure requirements and conditions specified in the approved closure plan.

**Operator Closure Certification (Item 22) has been completed.**

### **Attachments:**

**Landowner Notification  
NMOCD Notification  
Field Work Summary Sheet  
Figure 1. Topographic Location Map  
Figure 2. Aerial Site Map  
Laboratory Analytical Report (#1503C79)  
Photograph log  
Below Grade Tank Registration Form C-144 (copy)**



March 17, 2015

B Square Ranch, LLC  
3901 Bloomfield Hwy.  
Farmington, NM 87401-2831

Re: Below Grade Tank Closure  
Enterprise Field Services, LLC  
San Juan 32-8 #264 H  
Unit Letter L, Section 8, T32N, R8W  
San Juan County, New Mexico

Dear Mr. Bolack,

Enterprise Field Services, LLC has scheduled to remove a below ground tank per NMOCD requirements. The project area is all on the existing 32-8 #264 H well location and will take place on or around the 26<sup>th</sup> of March 2015. Project was previously scheduled for February 25<sup>th</sup> but was postponed due to weather

Please call me at (505) 599-2214 to answer any questions you may have concerning this project.

Your cooperation in this matter is appreciated.

Sincerely,

Michael G. Waszut  
Sr. Land Representative

7009 2820 0001 6034 0657

U.S. Postal Service™	
CERTIFIED MAIL™ RECEIPT	
<i>(Domestic Mail Only; No Insurance Coverage Provided)</i>	
For delivery information visit our website at <a href="http://www.usps.com">www.usps.com</a>	
OFFICIAL USE	
Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$
Postmark Here	
Sent in	
B Square Ranch	
Street, Apt. No., or PO Box No. 3901 Bloomfield Hwy	
City, State, ZIP+4® Farmington NM 87401-2831	
PS Form 3800, August 2005	
See Reverse for Instructions	

**From:** Long, Thomas  
**Sent:** Monday, March 23, 2015 7:49 AM  
**To:** 'Smith, Cory, EMNRD'  
**Subject:** RE: SJ 32-8#264 H BGT

Cory,

They will start around 8:00 a.m.

Sincerely,

**Thomas J. Long**  
**Senior Environmental Scientist**  
**Enterprise Products Company**  
**614 Reilly Ave.**  
**Farmington, New Mexico 87401**  
**505-599-2286 (office)**  
**505-215-4727 (Cell)**  
[tjlong@eprod.com](mailto:tjlong@eprod.com)

**From:** Smith, Cory, EMNRD [<mailto:Cory.Smith@state.nm.us>]  
**Sent:** Thursday, March 19, 2015 11:07 AM  
**To:** Long, Thomas  
**Subject:** RE: SJ 32-8#264 H BGT

Tom,

Thanks! Do you know the anticipated start time on the 26<sup>th</sup>?

**From:** Long, Thomas [<mailto:tjlong@eprod.com>]  
**Sent:** Thursday, March 19, 2015 10:35 AM  
**To:** Smith, Cory, EMNRD  
**Subject:** RE: SJ 32-8#264 H BGT

Cory,

The well name is the SJ 32-8 Unit #264. It is located in UL L Section 9 T 32N R8W. It is a BGT associated with a compressor that Enterprise operates. The API for the well site is 30-045-32754.

**Thomas J. Long**  
**Senior Environmental Scientist**  
**Enterprise Products Company**  
**614 Reilly Ave.**  
**Farmington, New Mexico 87401**  
**505-599-2286 (office)**  
**505-215-4727 (Cell)**  
[tjlong@eprod.com](mailto:tjlong@eprod.com)

**From:** Smith, Cory, EMNRD [<mailto:Cory.Smith@state.nm.us>]  
**Sent:** Thursday, March 19, 2015 10:29 AM  
**To:** Long, Thomas  
**Subject:** RE: SJ 32-8#264 H BGT

Tom,

Thank you for the closure Notification.

As described in 19.15.17.13.E(2) for future Closure notification please include:

- Operators Name
- Well Name
- API# (if associated with a particular well)
- Location to be closed by unit letter, section township and range

**From:** Long, Thomas [<mailto:tjlong@eprod.com>]  
**Sent:** Thursday, March 19, 2015 10:17 AM  
**To:** Smith, Cory, EMNRD  
**Subject:** SJ 32-8#264 H BGT

Cory,

This email is to notify you that Enterprise has scheduled closure activities for the SJ 32-8#264 H BGT on Thursday, March 26, 2015. If you have any questions, please call or email.

Sincerely,

**Thomas J. Long**  
**Senior Environmental Scientist**  
**Enterprise Products Company**  
**614 Reilly Ave.**  
**Farmington, New Mexico 87401**  
**505-599-2286 (office)**  
**505-215-4727 (Cell)**  
[\*\*tjlong@eprod.com\*\*](mailto:tjlong@eprod.com)

---

This message (including any attachments) is confidential and intended for a specific individual and purpose. If you are not the intended recipient, please notify the sender immediately and delete this message.

**Field Work Summary Sheet**

Company: Enterprise Products  
 Location: San Juan 32-8 Unit 264H  
 Legals: L-09-32N-08W  
 County: San Juan  
 Land Ownership: Private

Rule Engineering
Date: 26-Mar-15
Staff: Debbie Watson
Onsite: 8:30
Offsite: 10:00

**Siting Information based on BGT Location:**

Groundwater: >100 feet  
 Surface Water: 650 W of location  
 Wellhead Protection: No wells/springs within 1-mile radius.

Site Rank: 10

**Site Information**

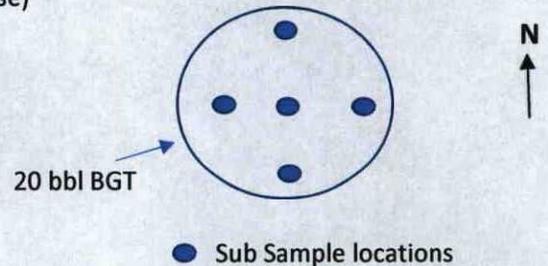
BGT: Below grade tank and barricade in place upon arrival. BGT empty.  
 Tank Size: 20 bbl, double wall, double bottom, steel. No signs of corrosion holes. Tank in good repair.  
 BGT GPS: N36.998072 and W107.685856  
 API: 30-45-30985

**Sample Information**

Sample ID	Type of Sample	Collection Date/Time	Collection Location	Notes
SC-1	Composite	3/26/2015 9:50	See image below. Five subsamples collected below BGT following removal.	No odor or staining below tank. No observed wet areas.

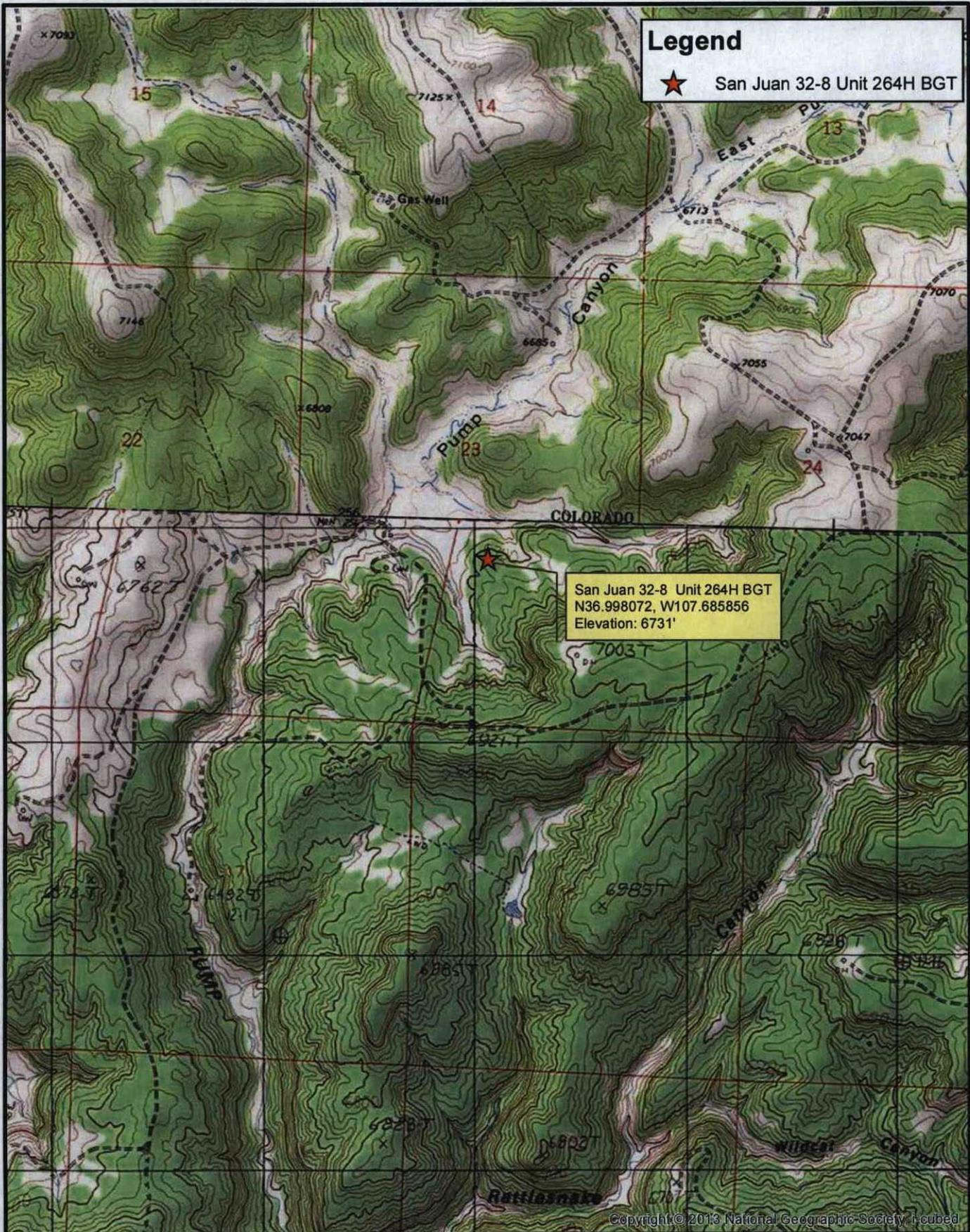
Notes: Onsite: Jonathon Kelly (NMOCD), OFT, Alan Martinez (Enterprise)

Sample composited at 9:50, CoC completed. Sample stored on ice. Analyzed for BTEX, TPH (418.1), and GRO+DRO.



# Legend

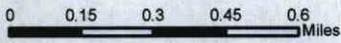
★ San Juan 32-8 Unit 264H BGT



San Juan 32-8 Unit 264H BGT  
N36.998072, W107.685856  
Elevation: 6731'

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**Rule Engineering, LLC**  
Solutions to Regulations for Industry



**Location**  
L-9-32N-8W  
N36.998072, W107.685856 (WGS84)  
San Juan County, New Mexico

**Topographic Map**  
Enterprise Products BGT Closure Report  
San Juan 32-8 Unit 264H

Date: 4/24/2015

File: 150413 Site Map topo

Figure: 1

## Legend

 BGT Location

 Barricade

BTEX=benzene, toluene, ethylbenzene, and xylenes

GRO = gasoline range organics

DRO = diesel range organics

TPH = total petroleum hydrocarbons

\*Sample collected on March 26, 2015.

Sample SC-1 is a 5-point composite collected from beneath the BGT.

Results in mg/kg.

SC-1\*

Benzene	<0.048
BTEX	<0.24
GRO	<4.8
DRO	<10
TPH	<20
Chloride	3.9



Source: Esri, DigitalGlobe, GeoEye, i-cubed, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

**Rule Engineering, LLC**  
Solutions to Regulations for Industry

0 10 20 30 40  
Feet



**Location**  
L-9-32N-8W  
N36.998072, W107.685856 (WGS84)  
San Juan County, New Mexico

**Aerial Site Map**  
Enterprise Products BGT Closure Report  
San Juan 32-8 Unit 264H

Date: 4/24/2015

File: 150413 Soil Analytical Map and aerial

Figure: 2

**Photograph Log**  
**San Juan 32-8 Unit 264H BGT Closure**  
**Enterprise Products**

<p>Photograph #1</p>	
<p>Client: Enterprise Products</p>	
<p>Site Name:  San Juan 32-8 Unit 264H BGT Closure</p>	
<p>Date Photo Taken: March 26, 2015</p>	
<p>Location: N36.998072, W107.685856  L-09-32N-08W San Juan County, New Mexico</p>	
<p>Photo Taken by: Deborah Watson</p>	<p>Description: Facing E, Location sign, the Enterprise BGT is located along the northeast side of the well pad.</p>

<p>Photograph #2</p>	
<p>Client: Enterprise Products</p>	
<p>Site Name:  San Juan 32-8 Unit 264H BGT Closure</p>	
<p>Date Photo Taken: March 26, 2015</p>	
<p>Location: N36.998072, W107.685856  L-09-32N-08W San Juan County, New Mexico</p>	
<p>Photo Taken by: Deborah Watson</p>	<p>Description: Facing NW, looking at BGT and barricade prior to closure activities at the location.</p>

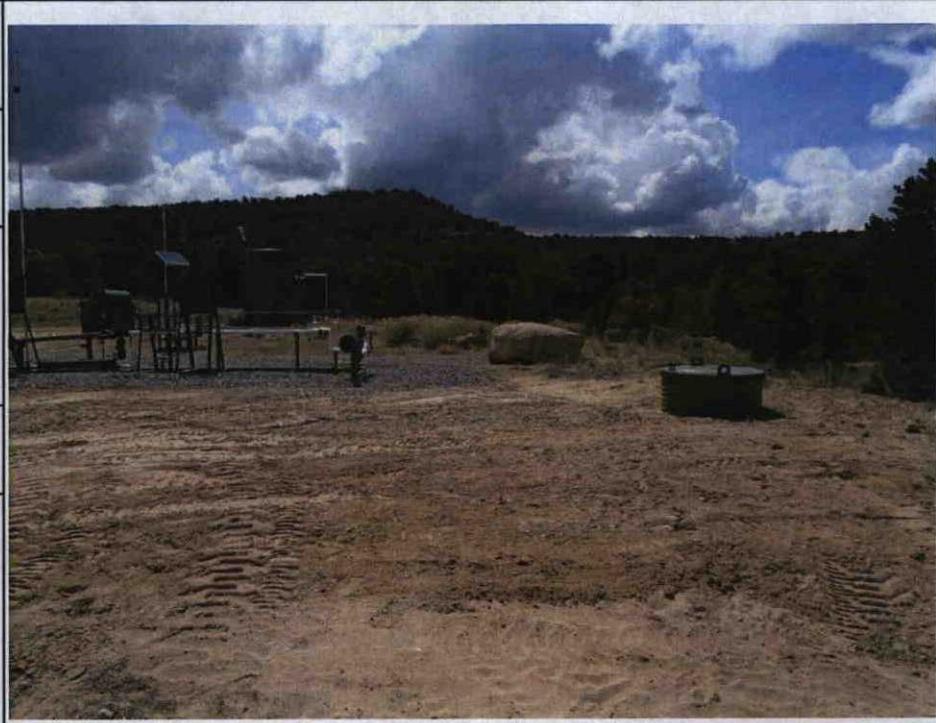
**Photograph Log**  
**San Juan 32-8 Unit 264H BGT Closure**  
**Enterprise Products**

<p>Photograph #3</p>	
<p>Client: Enterprise Products</p>	
<p>Site Name: San Juan 32-8 Unit 264H BGT Closure</p>	
<p>Date Photo Taken: March 26, 2015</p>	
<p>Location: N36.998072, W107.685856  L-09-32N-08W San Juan County, New Mexico</p>	
<p>Photo Taken by: Deborah Watson</p>	<p>Description: Facing NE, Barricade and BGT have been removed.</p>

<p>Photograph #4</p>	
<p>Client: Enterprise Products</p>	
<p>Site Name: San Juan 32-8 Unit 264H BGT Closure</p>	
<p>Date Photo Taken: March 26 , 2015</p>	
<p>Location: N36.998072, W107.685856  L-09-32N-08W San Juan County, New Mexico</p>	
<p>Photo Taken by: Deborah Watson</p>	<p>Description: Facing SE, looking into hole following BGT removal. No odors or staining were observed below the BGT.</p>

**Photograph Log**  
**San Juan 32-8 Unit 264H BGT Closure**  
**Enterprise Products**

<p>Photograph #5</p>	
<p>Client: Enterprise Products</p>	
<p>Site Name:  San Juan 32-8 Unit 264H BGT Closure</p>	
<p>Date Photo Taken: April 16, 2015</p>	
<p>Location: N36.998072, W107.685856  L-09-32N-08W San Juan County, New Mexico</p>	
<p>Photo Taken by: Deborah Watson</p>	<p>Description: Facing NW, looking at former BGT location. Area has been backfilled with clean fill dirt and compacted.</p>

<p>Photograph #6</p>	
<p>Client: Enterprise Products</p>	
<p>Site Name:  San Juan 32-8 Unit 264H BGT Closure</p>	
<p>Date Photo Taken: April 16, 2015</p>	
<p>Location: N36.998072, W107.685856  L-09-32N-08W San Juan County, New Mexico</p>	
<p>Photo Taken by: Deborah Watson</p>	<p>Description: Facing SE, looking at former BGT location. BGT location will be reclaimed once the area is no longer needed for production operations.</p>



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

April 01, 2015

Deborah Watson  
Rule Engineering LLC  
501 Airport Dr., Ste 205  
Farmington, NM 87401  
TEL: (505) 860-2712  
FAX

RE: Enterprise San Juan 32-8 Unit 264H BGT

OrderNo.: 1503C79

Dear Deborah Watson:

Hall Environmental Analysis Laboratory received 1 sample(s) on 3/27/2015 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a light blue horizontal line.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109



# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1503C79

01-Apr-15

**Client:** Rule Engineering LLC  
**Project:** Enterprise San Juan 32-8 Unit 264H BGT

Sample ID	MB-18435	SampType:	MBLK	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	18435	RunNo:	25209					
Prep Date:	3/31/2015	Analysis Date:	3/31/2015	SeqNo:	745174	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-18435	SampType:	LCS	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	18435	RunNo:	25209					
Prep Date:	3/31/2015	Analysis Date:	3/31/2015	SeqNo:	745175	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.1	90	110			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH Not In Range
- RL Reporting Detection Limit

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1503C79

01-Apr-15

Client: Rule Engineering LLC  
Project: Enterprise San Juan 32-8 Unit 264H BGT

Sample ID	MB-18381	SampType	MBLK	TestCode	EPA Method 418.1: TPH					
Client ID	PBS	Batch ID	18381	RunNo	25190					
Prep Date	3/27/2015	Analysis Date	3/31/2015	SeqNo	744467	Units	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydrocarbons, TR	ND	20								

Sample ID	LCS-18381	SampType	LCS	TestCode	EPA Method 418.1: TPH					
Client ID	LCSS	Batch ID	18381	RunNo	25190					
Prep Date	3/27/2015	Analysis Date	3/31/2015	SeqNo	744468	Units	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydrocarbons, TR	91	20	100.0	0	90.9	86.7	126			

Sample ID	LCSD-18381	SampType	LCSD	TestCode	EPA Method 418.1: TPH					
Client ID	LCSS02	Batch ID	18381	RunNo	25190					
Prep Date	3/27/2015	Analysis Date	3/31/2015	SeqNo	744469	Units	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydrocarbons, TR	91	20	100.0	0	90.9	86.7	126	0	20	

### Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH Not In Range
- RL Reporting Detection Limit

**QC SUMMARY REPORT**  
**Hall Environmental Analysis Laboratory, Inc.**

WO#: 1503C79  
 01-Apr-15

**Client:** Rule Engineering LLC  
**Project:** Enterprise San Juan 32-8 Unit 264H BGT

Sample ID <b>MB-18375</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015D: Diesel Range Organics</b>							
Client ID: <b>PBS</b>	Batch ID: <b>18375</b>		RunNo: <b>25150</b>							
Prep Date: <b>3/27/2015</b>	Analysis Date: <b>3/30/2015</b>		SeqNo: <b>743739</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Surr: DNOP	10		10.00		104	63.5	128			

Sample ID <b>LCS-18375</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015D: Diesel Range Organics</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>18375</b>		RunNo: <b>25150</b>							
Prep Date: <b>3/27/2015</b>	Analysis Date: <b>3/30/2015</b>		SeqNo: <b>743740</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	49	10	50.00	0	98.3	67.8	130			
Surr: DNOP	5.3		5.000		105	63.5	128			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH Not In Range
- RL Reporting Detection Limit

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1503C79

01-Apr-15

**Client:** Rule Engineering LLC  
**Project:** Enterprise San Juan 32-8 Unit 264H BGT

Sample ID <b>MB-18386</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>PBS</b>	Batch ID: <b>18386</b>		RunNo: <b>25161</b>							
Prep Date: <b>3/27/2015</b>	Analysis Date: <b>3/30/2015</b>		SeqNo: <b>743685</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	920		1000		91.5	80	120			

Sample ID <b>LCS-18386</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>18386</b>		RunNo: <b>25161</b>							
Prep Date: <b>3/27/2015</b>	Analysis Date: <b>3/30/2015</b>		SeqNo: <b>743686</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	98.7	64	130			
Surr: BFB	970		1000		97.3	80	120			

Sample ID <b>1503C79-001AMS</b>	SampType: <b>MS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>SC-1</b>	Batch ID: <b>18386</b>		RunNo: <b>25161</b>							
Prep Date: <b>3/27/2015</b>	Analysis Date: <b>3/30/2015</b>		SeqNo: <b>743696</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	4.8	24.02	0	98.3	47.9	144			
Surr: BFB	960		960.6		100	80	120			

Sample ID <b>1503C79-001AMSD</b>	SampType: <b>MSD</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>SC-1</b>	Batch ID: <b>18386</b>		RunNo: <b>25161</b>							
Prep Date: <b>3/27/2015</b>	Analysis Date: <b>3/30/2015</b>		SeqNo: <b>743697</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	4.8	23.95	0	97.6	47.9	144	1.06	29.9	
Surr: BFB	950		957.9		99.3	80	120	0	0	

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH Not In Range
- RL Reporting Detection Limit

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1503C79  
01-Apr-15

**Client:** Rule Engineering LLC  
**Project:** Enterprise San Juan 32-8 Unit 264H BGT

Sample ID	<b>MB-18386</b>	SampType:	<b>MBLK</b>	TestCode:	<b>EPA Method 8021B: Volatiles</b>					
Client ID:	<b>PBS</b>	Batch ID:	<b>18386</b>	RunNo:	<b>25161</b>					
Prep Date:	<b>3/27/2015</b>	Analysis Date:	<b>3/30/2015</b>	SeqNo:	<b>743707</b>	Units:	<b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		107	80	120			

Sample ID	<b>LCS-18386</b>	SampType:	<b>LCS</b>	TestCode:	<b>EPA Method 8021B: Volatiles</b>					
Client ID:	<b>LCSS</b>	Batch ID:	<b>18386</b>	RunNo:	<b>25161</b>					
Prep Date:	<b>3/27/2015</b>	Analysis Date:	<b>3/30/2015</b>	SeqNo:	<b>743708</b>	Units:	<b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.2	0.050	1.000	0	119	76.6	128			
Toluene	1.1	0.050	1.000	0	111	75	124			
Ethylbenzene	1.1	0.050	1.000	0	113	79.5	126			
Xylenes, Total	3.4	0.10	3.000	0	113	78.8	124			
Surr: 4-Bromofluorobenzene	1.1		1.000		112	80	120			

Sample ID	<b>1503C79-001AMS</b>	SampType:	<b>MS</b>	TestCode:	<b>EPA Method 8021B: Volatiles</b>					
Client ID:	<b>SC-1</b>	Batch ID:	<b>18386</b>	RunNo:	<b>25161</b>					
Prep Date:	<b>3/27/2015</b>	Analysis Date:	<b>3/30/2015</b>	SeqNo:	<b>743724</b>	Units:	<b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.048	0.9606	0	111	69.2	126			
Toluene	0.99	0.048	0.9606	0	103	65.6	128			
Ethylbenzene	1.0	0.048	0.9606	0	104	65.5	138			
Xylenes, Total	3.0	0.096	2.882	0.02935	102	63	139			
Surr: 4-Bromofluorobenzene	1.1		0.9606		111	80	120			

Sample ID	<b>1503C79-001AMSD</b>	SampType:	<b>MSD</b>	TestCode:	<b>EPA Method 8021B: Volatiles</b>					
Client ID:	<b>SC-1</b>	Batch ID:	<b>18386</b>	RunNo:	<b>25161</b>					
Prep Date:	<b>3/27/2015</b>	Analysis Date:	<b>3/30/2015</b>	SeqNo:	<b>743725</b>	Units:	<b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.048	0.9579	0	110	69.2	126	1.21	18.5	
Toluene	1.0	0.048	0.9579	0	105	65.6	128	0.865	20.6	
Ethylbenzene	1.0	0.048	0.9579	0	104	65.5	138	0.0293	20.1	
Xylenes, Total	3.0	0.096	2.874	0.02935	103	63	139	0.348	21.1	
Surr: 4-Bromofluorobenzene	1.0		0.9579		108	80	120	0	0	

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH Not In Range
- RL Reporting Detection Limit



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

# Sample Log-In Check List

Client Name: **RULE ENGINEERING LL**

Work Order Number: **1503C79**

RcptNo: 1

Received by/date:

*JA* *as/27/15*

Logged By: **Lindsay Mangin**

**3/27/2015 7:30:00 AM**

*Lindsay Mangin*

Completed By: **Lindsay Mangin**

**3/27/2015 9:09:15 AM**

*Lindsay Mangin*

Reviewed By:

*JA* *03/27/15*

**Chain of Custody**

- 1. Custody seals intact on sample bottles? Yes  No  Not Present
- 2. Is Chain of Custody complete? Yes  No  Not Present
- 3. How was the sample delivered? Courier

**Log In**

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

# of preserved bottles checked for pH: \_\_\_\_\_  
 (<2 or >12 unless noted)  
 Adjusted? \_\_\_\_\_  
 Checked by: \_\_\_\_\_

**Special Handling (if applicable)**

- 16. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified: \_\_\_\_\_ Date: \_\_\_\_\_  
 By Whom: \_\_\_\_\_ Via:  eMail  Phone  Fax  In Person  
 Regarding: \_\_\_\_\_  
 Client Instructions: \_\_\_\_\_

17. Additional remarks:

**18. Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.3	Good	Yes			





ENTERPRISE PRODUCTS PARTNERS L.P.  
ENTERPRISE PRODUCTS HOLDINGS LLC  
(General Partner)

ENTERPRISE PRODUCTS OPERATING LLC

OIL CONS. DIV DIST. 3

SEP 21 2015

September 16, 2015

7014 2120 0001 5337 0622  
Return Receipt Requested

Mr. Cory Smith  
New Mexico Energy Minerals & Natural Resources  
Oil Conservation Division  
Aztec District III Office  
1000 Rio Brazos Road  
Aztec, New Mexico 87401

RE: Below Grade Tank Closure Report  
Enterprise Field Services LLC  
San Juan 32-8 #264 Unit H  
1000 Rio Brazos Road  
Aztec, New Mexico 87401 Unit Letter L Section 9 T32NR8W  
San Juan County, New Mexico

Dear Mr. Smith:

Attached is a signed copy of the report as previously submitted on May 5 (letter attached). The signature in the report was missed. I apologize for any inconvenience.

Yours truly,

Shiver J. Nolan  
Sr. Compliance Administrator

/attachments



ENTERPRISE PRODUCTS PARTNERS L.P.  
ENTERPRISE PRODUCTS HOLDINGS LLC  
(General Partner)

ENTERPRISE PRODUCTS OPERATING LLC

OIL CONS. DIV DIST. 3

SEP 21 2015

May 5, 2015

7014 2120 0001 5336 0319  
Return Receipt Requested

Mr. Cory Smith  
New Mexico Energy, Minerals & Natural Resources  
Department – Oil Conservation Division  
Aztec District III Office  
1000 Rio Brazos Road  
Aztec, New Mexico 87401

**RE: Below Grad Tank Closure Report  
Enterprise Field Services, LLC.  
San Juan 32-8 #264 Unit H  
Unit Letter L Section 9 T32N R8W  
San Juan County, New Mexico**

Dear Mr. Smith:

Enterprise Field Services is submitting the attached closure report for the below grade tank (BGT) located at the San Juan 32-8 #264 Unit H well site. The compressor, BGT and ancillary equipment were removed from service.

If you have any questions or need additional information, please contact Thomas Long, our area environmental representative at 505-599-2286 or me directly 713-381-6684.

Yours truly,

Jon E. Fields  
Director, Environmental.

/sjn  
enclosure