

WYOMING OIL & GAS CONSERVATION COMMISSION  
FACILITY INFORMATION for ROAD APPLICATION  
of WASTE and WASTE WATER

1. This application is being made for oil and gas associated facilities for: (check one)
  - A. \_\_\_\_\_ drilling fluids, i.e., mud and cuttings as appropriate
  - B. \_\_\_\_\_ produced water and produced water contaminated soils
  - C. \_\_\_\_\_ waste crude oil and sludge, i.e., tank bottoms, petroleum contaminated soil (PCS)
2. Applicant's Name: \_\_\_\_\_
3. Applicant's Address: \_\_\_\_\_
4. Applicant's phone number, fax number and e-mail address (if applicable): \_\_\_\_\_  
\_\_\_\_\_
5. Name of landowner of disposal site or road: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_ Telephone: \_\_\_\_\_
6. Attach a contour map delineating the roadways of the intended road application site. Indicate the location of the source in relation to the application site. If appropriate, show the location of any waterways or drainage within 1/4 mile of the road. Show the location of any surface or groundwater domestic water supply within 1/4 mile of the application site. Indicate the location of the application site by:
  - Qtr/Qtr \_\_\_\_\_
  - Section \_\_\_\_\_
  - Township \_\_\_\_\_
  - Range \_\_\_\_\_
7. Attach several color photos of the road in the area on which the proposed application is to be made.
8. Location and source of waste to be applied: \_\_\_\_\_  
\_\_\_\_\_
9. Volume of waste to be applied: \_\_\_\_\_

10. Proposed application rate: \_\_\_\_\_
11. Describe method of application and incorporating waste into the roadbed: \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

12. List all known previous waste applications to this site:

<u>Date</u>	<u>Waste Applied</u>	<u>Volume</u>	<u>Permit Number</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

13. The Road Application Permit package shall consist of the following:

- A. Facility information for Road Application
- B. Color photos
- C. Site map
- D. Waste analysis
- E. Roadbed analysis if previously used as an application site.

14. Waste Sampling.

- A. Attach the appropriate waste analysis as required in the appendix.  
 Samples extracted from a pit should be area and depth-integrated by dividing the pit surface area into quadrants (four sample points) the total depth into 3 foot layers (e.g., nine foot depth = 3 sample points) to the top of the sludge layer for a total of x. sub-samples which should be composted in a large container.
- B. Sample volume, number of containers, type of containers preservatives and shipping instructions should be obtained from the lab.

\_\_\_\_\_  
Signature of Landowner

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature of Applicant

\_\_\_\_\_  
Date

## APPENDIX - WASTE ANALYSES

### A. Drilling fluids(mud and or cuttings as appropriate)

pH

Total dissolved Solids, (TDS) or specific conductance.

Benzene, Metals and TOX using Toxicity Characteristic Leaching Procedures (TCLP).

Total petroleum hydrocarbon, (TPH) %.

Solids %.

Other constituents or hazardous waste criteria determined to be appropriate by the WOGCC.

### B. Waste crude, oil sludge and PCS

pH

Benzene, Metals and TOX using TCLP

(TPH) %

Solids %

Other constituents or hazardous waste criteria determined to be appropriate by the WOGCC.

### C. Produced water and produced water contaminated soils

Radium 226

Total Dissolved Solids (TDS) or specific conductance.

Benzene, Total Metals and TOX.

(TPH) 418.1, or 8015 modified.

Other constituents or hazardous waste criteria determined to be appropriate by the WOGCC.

### D. Roadbed analysis (if previously used as application site)

Benzene, Metals and TOX using TCLP

Wyoming Leachate (TPH) in mg/l.

Other constituents or hazardous waste criteria determined to be appropriate by the WOGCC.

Note: The WOGCC will allow a total constituent analysis, (TOX) to be substituted for the halogenated organics listed in the TCLP constituents provided the following conditions are met.

1. The TOX test is run on a fluid extracted in accordance with the TCLP procedure;
2. If the TOX concentration exceeds 0.13 mg/l an analysis will be required for all individual halogenated organic TCLP constituents.

Regulatory Guidelines

<u>Testing Criteria</u>	<u>Limit</u>	<u>Actual</u>
pH	6.0-9.0	_____
TDS		_____
Radium 226	60 pc/l	_____
TCLP for solids and sludges, Totals for water samples.		_____
Benzene	0.5 mg/l	_____
TOX	0.13 mg/l	_____
Arsenic	5.0 mg/l	_____
Barium	100 mg/l	_____
Cadmium	1.0 mg/l	_____
Chromium	5.0 mg/l	_____
Lead	5.0 mg/l	_____
Mercury	0.2 mg/l	_____
Selenium	1.0 mg/l	_____
Silver	5.0 mg/l	_____
% Solids	NA	_____
% Water	NA	_____
% TPH	NA	_____
TPH (Method 418.1) in mg/Kg	NA	_____
TPH (cumulative)	1.5 lbs/ft <sup>2</sup>	=====