

**GRANT COUNTY HEALTH DISTRICT**  
P.O. Box 37, Ephrata, WA 98823 754-6060  
1021 W. Broadway, Moses Lake, WA 98837 766-7960

FEE \_\_\_\_\_

RECEIPT # \_\_\_\_\_

REC'D BY \_\_\_\_\_

DATE PAID \_\_\_\_\_

**APPLICATION FOR SLUDGE UTILIZATION PROJECT(S)**  
**PART I - GENERAL INFORMATION**

**A. APPLICANT FOR SITE**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Owner of Site: \_\_\_\_\_

Address: \_\_\_\_\_

**B. GENERATOR OF SLUDGE**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Contact Person: \_\_\_\_\_

**C. SITE LOCATION (S)**

Street, road or location description: \_\_\_\_\_

Legal description: Section \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_

A site map must be submitted with the completed application. Copy of a Metsker map or a hand-drawn map to scale is acceptable. Maps should show the size by acres, location of streams, and drainages, if any, and the actual area(s) that will receive sludge.

**PART II - CHARACTERISTICS**

**A. SLUDGE CHARACTERISTICS**

Describe the type of sludge to be applied (i.e., lagoon, clarifier). Include a description of the basic process involved in the origin of the sludge and a description of pre-treatment and/or the sludge stabilization process. Include all chemicals, if any, utilized in the treatment process.

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\_\_\_\_\_  
\_\_\_\_\_

Attach a copy of the most recent (within the past 12 months) chemical analysis of a sludge sample that suitably represents the sludge proposed for land application. The analysis should include the following parameters:

- pH, % Solids, Total Nitrogen - N, Ammonia Nitrogen - NH<sub>4</sub>-N, Nitrate Nitrogen - NO<sub>3</sub>-N, Inorganic N, Total Phosphorus, Total Potassium, Arsenic, Mercury, Molybdenum, Selenium, Cadmium, Copper, Lead, Nickel, Zinc.

**B. SITE CHARACTERISTICS**

Briefly describe the past and present use of the utilization site in terms of silviculture, crops, pasture, etc. Also, the intended future use of the site.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

include the following parameters:

pH, Total Nitrogen, Total Phosphorus, Cadmium, Zinc, and Cation Exchange Capacity.

Existing known soil information may be used or assistance may be obtained from the local soil conservation service or county extension agent. Soil analysis may not be necessary for sites receiving light or one-time application of sludge far below the crop fertilization requirements.

Briefly describe the type of agricultural activity planned, crops to be grown, method and frequency of sludge application, method of harvest, and use of the crops. Crops grown for human consumption may need more protection from disease vectors and heavy metals contained in the sludge.

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**PART III - OPERATION AND ADMINISTRATION**

**A. APPLICATION RATE**

Calculate the total annual volume in tons, yards, or gallons per year to be applied at the utilization site, including the application rate based on sludge analysis, crop fertilization needs, and soil deficiencies. The Washington State Department of Ecology has published Guidelines (WDOE 82-11) and Best Management Practices (WDOE 82-12) to assist in developing environmentally sound utilization practices.

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**B. PUBLIC ACCESS**

Describe how the general public will be protected from this activity.

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**C. MONITORING**

Describe how the application rates will be followed and the site will be managed consistent with the issued permit.

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**D. RECORDS**

List records, if any, that will be maintained.

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**E. TRANSPORTATION**

Describe how the sludge will be transported (type of truck, haul routes, storage, etc.).

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**F. OTHER REQUIREMENTS**

As deemed necessary by Grant County Health Dist. additional requirements or concerns may be added to this application form.

G. \_\_\_\_\_  
Person preparing this form sign here

\_\_\_\_\_  
Date

\_\_\_\_\_  
Property owner sign here

\_\_\_\_\_  
Date