

PART IV

A. APPROVED SLUDGE MANAGEMENT PLAN

1. The permittee’s approved Sludge Management Plan shall be implemented in accordance with Chapter 391-3-6-.17 of the State Rules and EPD’s, “*Guidelines for Land Application of Sewage Sludge (Biosolids) at Agronomic Rates*”, unless a more stringent requirement is stated in this Permit, and shall be enforceable through this Permit.
2. The permittee will submit an annual report pertaining to the most recent calendar year, as required under Chapter 391-3-6-.17(14) of the State Rules. The annual report shall be submitted to EPD no later than January 31 of the following year.
3. The permittee will maintain records of the amount of sludge land applied to each site. The amount of sludge land applied during each calendar year will be reported in the annual report in units of dry tons per year.
4. The permittee will monitor in accordance with the following requirements:
 - a. The pH of the sludge and soil mixture from each field within each land application site will be measured once per year. The sample will be a separate, composite sample of each soil type present and will be representative of field conditions.
 - b. The sewage sludge shall be monitored for the following parameters at the frequencies specified in Part IV.A.5:

Parameter	Units*
Total nitrogen	Percent
Ammonia-nitrogen	Percent
Nitrate-nitrogen	Percent
Volatile solids	Percent
Total solids	Percent
pH	Standard units
Arsenic	mg/kg
Cadmium	mg/kg
Copper	mg/kg
Lead	mg/kg
Mercury	mg/kg
Molybdenum	mg/kg
Nickel	mg/kg
Selenium	mg/kg
Zinc	mg/kg

*Units must be reported on a dry weight basis with the exception of pH.

- c. The pathogen density requirements listed in Chapter 391-3-6-.17(7) of the State Rules shall be monitored at the frequency listed in Part IV.A.5.
- d. The vector attraction reduction requirements listed in Chapter 391-3-6-.17(8)(a) through (8)(h) of the State Rules shall be monitored at the frequency listed in Part