



INSTRUCTIONS FOR COMPLETING FORM 43

REQUEST FOR APPROVAL TO PROCESS OR DISPOSE OF SEWAGE SLUDGE

Important: Read all instructions *carefully* before completing the form.

SECTION A. SITE IDENTIFIER - self explanatory

SECTIONS B AND C. Self explanatory

SECTION D. WASTE DESCRIPTION

A. General Properties

1. Indicate the quantity of waste that will be sent for processing or disposal including monthly and annual maximum and average tons. Also indicate the percent solids content of the waste sent for processing or disposal. Describe information related to waste treatment procedures used to reduce odors, vectors, and pathogens prior to transport to landfill.
4. a. Check yes if the waste stream is a hazardous waste as described in 40 CFR 261, as incorporated by reference at 25 pa. Code 261a.1. If yes, describe the waste by its characteristic (40 CFR 261 Subpart B). List all the reasons which cause the waste to be hazardous. For example, Toxicity Characteristic (D008, D006).

B. Analyses

The analytical methodologies used shall be those set forth in the most recent edition of the EPA's Test methods for Evaluating Solid Waste (SW-846), Methods for Chemical Analysis of Water and Wastes (EPA 600/4-79-020), Standard Methods for the Examination of Water and Wastewater (prepared jointly by the American Public Health Association, American Water Works Association, and Water Environmental Federation), or a comparable method subsequently approved by EPA or the Department.

The person taking the samples and the laboratory performing the analysis shall employ the quality assurance/quality control procedures described in the EPA's Test Methods for Evaluating Solid Waste (SW-846) or Handbook for Analytical Quality Control in Water and Wastewater Laboratories (EPA 600/4-79-019).

All analyses submitted must specify the method used and any special preparation, deviation from the method, or pertinent observations. Each analysis sheet must include: *date of sampling, date of analysis, name of laboratory performing test, laboratory accreditation number, laboratory contact person and phone number.* Analytical determinations should be run on the sample as is,

unless otherwise specified in the cited method. Report the results in mg/kg on a dry weight basis for solids or in mg/L for liquids, or as otherwise specified in cited method.

1. Sampling - Attach a description of the sampling technique(s) employed, preservation techniques used, and length of storage before analysis.
2. Analysis of the Sludge - The analysis must include the following list of parameters as specified by facility type unless generator has certified in writing the absence of the parameter based on his or her knowledge of the sludge and of the influent to the wastewater treatment facility:
 - a. Parameters for All Facilities:
 - i. pH
 - ii. Ignitability
 - iii. Reactive Sulfide
 - iv. Reactive Cyanide
 - v. Toxicity Characteristic Leaching Procedure (TCLP) - include all parameters found in 40 CFR 261.24 as well as pH of extract. Report all results in mg/l or as otherwise specified in method.
 - b. Additional Parameters for Municipal Waste Landfills and Transfer Facilities:
 - i. Additional TCLP parameters - copper, nickel, zinc
 - ii. Free liquids
 - iii. PCBs
 - iv. Water Leaching Procedure (ASTM Method D3987) - COD, Total Solids, Oil and Grease or Petroleum Hydrocarbons, and Ammonia-Nitrogen. Report all results in mg/L or as otherwise specified in method.
 - v. Total Solids
 - vi. Total Volatile Solids

- vii. Total Oil and Grease or Petroleum Hydrocarbons
- c. Additional Parameters for Composting Facilities, and Processing Facilities other than Transfer Facilities
 - i. Additional TCLP Parameters - copper, nickel, zinc.
 - ii. Total metals, including arsenic, barium, cadmium, chromium, copper, lead, mercury, molybdenum, nickel, selenium, silver, and zinc.
 - iii. PCBs
 - iv. Total Solids
 - v. Total Volatile Solids
- d. Additional Parameters for Incineration Facilities
 - Total metals, including arsenic, barium, beryllium, cadmium, chromium, lead, mercury, nickel, selenium, and silver.
- 3. Other additional parameters may be necessary due to the nature of the waste or conditions at the disposal facility. Constituents which could impact the liner, leachate treatment, air quality, or induce harm to facility personnel should be identified and quantitated by the generator. The facility operator or the Department may also require the determination of additional parameters for these reasons.
- 4. Description of the process(es) used to significantly reduce pathogens or further reduce pathogens, as set forth in §271.932.
- 5. Description of process(es) used to meet one of the vector attraction reduction standards, specified in §271.933(b).

SECTION E. DESCRIPTION OF DISPOSAL METHOD

- I. Describe the method(s) proposed to dispose of the sewage sludge and location of disposal at the disposal facility. The description must include how the residue will be deposited (monofill, co-disposal, etc.), location of area or cell to be utilized, and covering procedures. The description must demonstrate how the requirements of Section 273.513 will be met.
- II. Describe the types, size, and volume of the containers to be received at the disposal facility.
- III. Describe any special handling/safety measures necessary for the handling and disposal of the sewage sludge at the disposal facility.

SECTION F. PREVIOUS APPROVALS

This section is to be completed by the sewage sludge generator by listing all previously approved requests for approval to process or dispose sewage sludge.

SECTION G. COMPLIANCE WITH COUNTY PLAN - self explanatory

SECTION H. CERTIFICATION OF GENERATOR OF SEWAGE SLUDGE

The Application must be certified in the following manner:

- 1. Corporations – A corporate officer must sign the document and the corporate seal must be affixed.
- 2. Limited partnerships – A general partner must sign the document.
- 3. All other partnerships – A partner must sign the document.
- 4. Sole proprietorships – The proprietor must sign the document.
- 5. Municipal, state, or federal authority or agency – An executive officer or ranking elected official responsible for compliance of the authority's or agency's waste activities and facilities with all applicable regulations must sign the document.

SECTION I. CERTIFICATION OF OWNER/ OPERATOR OF DISPOSAL FACILITY

- 1. Corporations – A corporate officer must sign the document and the corporate seal must be affixed.
- 2. Limited partnerships – A general partner must sign the document.
- 3. All other partnerships – A partner must sign the document.
- 4. Sole proprietorships – The proprietor must sign the document.
- 5. Municipal, state, or federal authority or agency – An executive officer or ranking elected official responsible for compliance of the authority's or agency's waste activities and facilities with all applicable regulations must sign the document.