



Florida Department of Environmental Protection
Division of Water Resource Management

Treatment Facility Biosolids Plan

Part I. Facility Information

Facility Name: _____
Facility ID: _____
Contact Person: _____ Title: _____
Phone: _____ Cell: _____
Fax: _____ Email: _____

Part II. Summary of Permitted Biosolids Application Sites to be Used by the Facility

Table with 3 columns: Site ID, Site Name, Site County. Multiple empty rows for data entry.

Part III – Biosolids Application Site Certification (attach a separate sheet for each permitted site)

This form is not a contract between the facility and the site. This form serves to identify, certify, and provide information to the Department regarding the intended use of the facility's biosolids at the land application site.

This facility intends to send biosolids treated by the facility to the following biosolids application site for the purpose of land application.

Facility Name: _____ **Facility ID:** _____

The identified site permittee intends to accept biosolids from this facility. The biosolids will be land applied at the following land application site.

Site Name: _____ **Site ID:** _____

Site Address: _____

Site Permittee: _____ **Phone:** _____

Site Manager: _____ **Phone:** _____

Site County: _____

Estimated annual quantity of biosolids to be sent by this facility to the application site (dry tons per year): _____

Will the biosolids from this facility be applied via injection or incorporation to meet vector attraction reduction (VAR) requirements? (check one) Yes No

Water Extractable Phosphorus (WEP) for the biosolids from this facility? _____

Percent Water Extractable Phosphorus (PWEP) for the biosolids from this facility? _____

Comments or Additional Information: _____

Certification Statement

Land application of biosolids from this facility at the land application site shall be consistent with Chapter 62-640, Florida Administrative Code (F.A.C.), the facility permit, the site permit, and the site Nutrient Management Plan. The site permittee shall notify the Department and the facility permittee in writing at least sixty days before voluntarily ceasing operation of the site.

Site Certification Signatures

Name/Title of Site Permittee or Authorized Agent (Type or Print):

Signature of Site Permittee or Authorized Agent:

Date (mm/dd/yy): _____

Facility Certification

Name/Title of Principal Executive Officer or Authorized Agent (Type or Print):

Signature of Principal Executive Officer or Authorized Agent:

Date (mm/dd/yy): _____

Instructions for Treatment Facility Biosolids Plan Form

This form shall be submitted with the facility's permit application to the appropriate Department District Office or delegated local program. For any additional sites added between permit applications, the facility permittee shall submit an updated Page 1 with the appropriate Page 2(s).

Part I - Facility Information

Facility Name: Enter the facility name as shown on the facility wastewater permit.

Facility ID: Enter the DEP identification number of the facility/facility permit as it appears on the facility wastewater permit.

Contact Person: Enter the name, title, telephone number, cell phone number, fax number, and email address, as appropriate, for the facility representative who should be contacted regarding the information in this form.

Part II - Summary of Permitted Biosolids Application Sites to be Used by the Facility

Enter the DEP site identification number, site name, and county where the site is located for each permitted application site the facility intends to use for land application. Contact the site permittee to obtain the DEP site identification number. Attach additional sheets as needed to identify all the permitted application sites to be used by the facility.

Part III - Biosolids Application Site Identification and Certification (Attach a separate sheet for each site)

Facility Name/ID: Enter the facility name and facility identification number.

Site Name/ID: Enter the permitted application site name and identification number.

Site Permittee/Phone: Enter the site permittee name and telephone number.

Site Manager/Phone: Enter the site manager name and telephone number if different from the site permittee.

Site County: Enter the name of the county where the permitted application site is located.

Estimated quantity of biosolids to be sent by this facility to the site: Enter the estimated annual quantity of biosolids that is expected to be sent to the permitted land application site from this facility. Enter the quantity in the units of "dry tons per year" or "dtpy."

Do the biosolids from this facility need to be injected or incorporated to meet vector attraction reduction (VAR) requirements?

Check "Yes" or "No", as applicable.

Water Extractable Phosphorus (WEP) from this facility: Enter the WEP applicable to the biosolids from this facility.

Percent Water Extractable Phosphorus (PWE) from this facility: Enter the PWE applicable to the biosolids from this facility. PWE is the WEP divided by the total phosphorus (TP) of the biosolids.

Comments or Additional Information: Enter any comments deemed appropriate to provide any relevant information to DEP.

Certification: Type or print the name and title of the signing official for the site and the signing official for the facility. Both the site official and the facility official must sign the form. Enter the dates when signed.

Basic Formulas for Calculating Dry Tons

A. Dry tons = Wet tons x Percent Solids (decimal)

Example: 40 wet tons of biosolids at 15% total solids

$$\text{Dry tons} = 40 \times 0.15$$

$$\text{Dry tons} = 6$$

B. Dry tons = gallons of biosolids x 8.34 lb/gallon x ton/2000 lb x Percent Solids (decimal)

Example: 6,000 gallons of biosolids at 4% total solids

$$\text{Dry tons} = 6000 \text{ gal} \times 8.34 \text{ lb/gal} \times \text{ton}/2000 \text{ lb} \times 0.04$$

$$\text{Dry tons} = 1$$

C. Dry tons = cubic yards (wet) of biosolids x Y lb/cubic yard x ton/2000 lb x Percent Solids (Y = site-specific bulk density of biosolids)

Example: 20 cubic yards of biosolids at 15% total solids and 1800 lb/cubic yard

$$\text{Dry tons} = 20 \text{ cu yds} \times 1800 \text{ lb/cu yds} \times \text{ton}/2000 \text{ lb} \times 0.15$$

$$\text{Dry tons} = 2.7$$