



# Best Management Practices

## Land Application of Class AB Biosolids

### *(Farmers/Contracted Haulers)*

Biosolids are the nutrient-rich organic byproducts resulting from wastewater treatment. When used according to regulations, they are safe and can be used as soil amendments, fertilizer, an ingredient in compost or as an energy source.

Land application of biosolids is beneficial to farmers. Biosolids add nutrients, water and positive soil characteristics to agricultural land, increasing crop production. Recycling biosolids saves landfill space and replenishes soil organic matter.

EPA regulations, under Title 40 Code of Federal Regulations Part 503 (40 CFR 503), establish the minimum national standards for the use and disposal of domestic biosolids. The Texas Commission on Environmental Quality (TCEQ) regulates biosolids through 30 Texas Administrative Code (TAC) Chapter 312 in Texas. These standards address land application of biosolids such as:

- 1** Post a visible sign that includes information about the origin of the biosolids and when the application will start and end.
- 2** Include a contact number on the sign.
- 3** Evenly spread the biosolids over the entire application site.
- 4** Biosolids must not discharge from the application site, except during catastrophic or chronic precipitation exceeding the 1-in-10 year rainfall level.
- 5** TRA's biosolids application follows these buffer zones:
  - A. 750 ft. from a business or occupied residential structure.
  - B. 500 ft. from a public water source/well.
  - C. 200 ft. from surface water and streams and 33 ft. if disked in.
  - D. 50 ft. from property boundaries and public right of ways.
- 6** Do not apply biosolids when the ground is frozen, snow covered or when the soil is saturated, unless site restrictions or other controls are provided to prevent biosolids from being discharged during snowmelt or stormwater runoff.
- 7** Biosolids may not be applied on land within a designated floodway.





# NOTICE

## Class AB Biosolids Beneficial Reuse Program

**TCEQ Authorization Number: 720010**

**Renda Environmental Phone Number: 817-571-9852**

**Trinity River Authority: 817-493-5116**

### Class AB Biosolids

**An environmentally safe, sustainable, & economically viable fertilizer**

#### **SUPERIOR CROP PRODUCTION**

**Class AB biosolids contain beneficial nutrients, which are essential for plant growth. The slow release of nutrients make biosolids a superior fertilizer.**

#### **SOIL STABILITY**

**Class AB biosolids consist of organic nutrients that bind into soil particles, forming aggregates that reduce the potential for soil erosion. The aggregates also help with aeration by increasing the pore space within the soil.**

#### **ROUTINE MONITORING**

**Class AB biosolids are regulated by the U.S. Environmental Protection Agency and the Texas Commission on environmental Quality, which require that the biosolids be monitored for parameters such as metals, pathogens, PCBs, odors and PH.**