

# INFORMATIONAL GUIDE



# WHAT ARE BIOSOLIDS AND HOW ARE THEY USED?

**BIOSOLIDS** are nutrient-rich organic matter that result from the treatment of wastewater. They are processed and recycled as a state-certified fertilizer.

The biosolids that KUB provides to local farmers undergo treatment to meet federal regulations and state standards for beneficial reuse and disposal.



KUB's biosolids are **land-applied to area farms** and used to grow **pasture and fescue for animal feed.**

KUB provides approximately **27,000 wet tons, or 1800 dump trucks**, of biosolids to local farmers annually. One hundred percent of KUB's biosolids are land-applied.

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KUB has operated a Biosolids Beneficial Reuse Program for **over 30 years**. KUB's biosolids are a certified fertilizer with the **Tennessee Department of Agriculture.**

# NATIONAL BIOSOLIDS PARTNERSHIP PLATINUM LEVEL CERTIFICATION

**KUB's Biosolids Beneficial Reuse Program has been PLATINUM LEVEL CERTIFIED with the National Biosolids Partnership (NBP) since 2011.** KUB is one of 20 utilities with Platinum Level certification in the United States. KUB's program is the **only Platinum Level certified program in Tennessee.**



As part of NBP certification, KUB participates in an **annual third party audit** of the biosolids program. Participating in these audits helps ensure that KUB's program is committed to **continuous improvement** in the following areas:

REGULATORY COMPLIANCE

ENVIRONMENTAL PERFORMANCE

QUALITY BIOSOLIDS MANAGEMENT  
PRACTICES

RELATIONS WITH INTERESTED  
PARTIES

# HOW ARE BIOSOLIDS BENEFICIAL?

## **KUB's biosolids are beneficial because they...**

- Conserve landfill space
- Improve crop production
- Are a slow-release fertilizer
- Reduce soil erosion



ARE YOU OR SOMEONE YOU KNOW INTERESTED  
IN LEARNING MORE ABOUT KUB'S BIOSOLIDS  
PROGRAM, PARTICIPATING IN A PROGRAM AUDIT,  
OR SCHEDULING A PRESENTATION FOR YOUR  
GROUP OR CLASSROOM?

**call** 865-524-2911

**email** [biosolids@kub.org](mailto:biosolids@kub.org)

**visit** [www.kub.org/biosolids](http://www.kub.org/biosolids)



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