

INFORMATIONAL GUIDE



BIOSOLIDS



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.

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

visit www.kub.org/biosolids

