BIOSOLIDS TOP LINE MESSAGES

Biosolids are a highly treated wastewater byproduct and contain valuable nutrients, organic matter, and energy.

Biosolids are a safe and innovative product that lowers costs for consumers, conserves natural resources, improves the environment, and supports agriculture.

Utilities across the country have been safely recycling biosolids for decades, leading to more sustainable and resilient communities.

SUPPORTING MESSAGES

Biosolids are a natural and renewable resource.

- Biosolids are loaded with organic matter and vital nutrients essential to our environment.
- There is more energy embedded in wastewater than is needed for treatment.

Biosolids reduce waste.

- The wastewater treatment process produces valuable byproducts with uses ranging from fuel to soil enhancement.
- The beneficial use of biosolids reduces landfill usage.

Biosolids can generate renewable energy.

- Some utilities capture biogas from the production of biosolids.
- Hundreds of water utilities are recovering energy by converting their biogas to electricity.

Biosolids help maintain and beautify communities at an affordable cost.

- Biosolids provide a cost-effective source of organic fertilizer for home and community gardens, golf courses, and municipal parks.
- Biosolids are often provided free to the community, or at a greatly reduced cost.

Biosolids improve the health of soil and increase crop yields.

- Farms gain significant benefits from applying biosolids because they are a cost-effective way to safely and effectively fertilize their crops.
- Studies show biosolids improve soil health and increase crop yields.

Biosolids are regularly monitored to ensure compliance with all government safeguards and regulations.

- Biosolids undergo a rigorous set of treatment processes to destroy harmful pathogens.
- Biosolids are treated to exacting safety standards set by the EPA and state regulatory agencies.

Biosolids lower greenhouse gas emissions.

- Applying biosolids to land increases carbon storage in soils, reducing greenhouse gases.
- Biosolids use reduces the need for chemical fertilizer, which offsets greenhouse gas emissions.