

Field Demonstration Fact Sheet



Purpose: Charlotte Water is exploring how agricultural, forestry and related businesses in the region could benefit from new, highly treated biosolids soil amendments. These Class A products are being considered to supplement Charlotte Water's existing Class B biosolids in the future.

Please Sign-In at the Tent

Products to be Demonstrated

Thermally Dried Biosolids Pellets

Source: Winston-Salem/Forsyth County – City/County Utilities, Winston-Salem, N.C.

Product Specifications: (NPK - 4:3:0)

- Nitrogen: 80 lbs/wet ton
- Phosphorus: 60 lbs/wet ton
- Potassium: 0 lbs/wet ton
- Sulfur: 25 lbs/wet ton
- Density: 40 lbs/cubic foot
- Spreadability: 50 feet



Thermally Hydrolyzed Biosolids Cake

Source: DC Water Blue Plains Advanced Wastewater Treatment Plant, Washington D.C.

Product Specifications: (NPK - 1:2:0)

- Nitrogen: 30 lbs/wet ton
- Phosphorus: 45 lbs/wet ton
- Potassium: 0 lbs/wet ton
- Sulfur: 10 lbs/wet ton
- Density: 75 lbs/cubic foot
- Spreadability: 40 feet



Event Schedule:

- 3:00 pm to 3:15 pm: **Meet and greet at tent**
- 3:15 pm to 3:30 pm: **Opening remarks by Charlotte Water**
- 3:30 pm to 4:15 pm: **Demonstration of Thermally Hydrolyzed Biosolids Cake**
- 4:15 pm to 4:30 pm: **Break**
- 4:30 pm to 5:00 pm: **Demonstration of Thermally Dried Biosolids Pellets**
- 5:00 pm to 6:00 pm: **Question and Answers with project team**

Thank you for your interest in Charlotte Water's Biosolids Program and these potential new and exciting additions to the existing Class B Program.

For more information about Charlotte Water's Biosolids Program please visit charlottewater.org and click on My Water & Wastewater. You can also email Jean Creech, jgcreech@ci.charlotte.nc.us OR Tesha Okioga, irene.okioga@ci.charlotte.nc.us