

CLIENT: Sugar Food Corporation, Villa Rica, Georgia
Wastewater Pretreatment System



BACKGROUND:

Sugar Foods Corp. is a privately-held manufacturer and marketer of food products. Founded in 1948, the company began as a bulk sugar distributor in New York but now provides a variety of products to complement other food products. Sugar Foods Corp. sells artificial sweeteners, non-dairy creamers, croutons, snack foods, and other complementary food products.

The Sugar Foods facility in Villa Rica is generally divided into two operations. The first is the bakery which produces croutons and tortilla strips. The second is the packaging operation which packages sugar, sweeteners, powdered non-dairy creamers, parmesan cheese, salt, black pepper, and crushed red pepper.

PROJECT REQUIREMENTS:

- Design/build of a pretreatment system to reduce FOG and TSS
- Storage capacity for wastewater generated over the weekend and process it during the following week
- Treatment for fat, oils, greases and suspended solids

SYSTEM COMPONENTS:

- Flow equalization with aeration
- Neutralization/coagulation/flocculation
- Dissolved air flotation
- Effluent monitoring

