

CLIENT: Snyder's-Lance Inc., Columbus, Georgia
Wastewater Pretreatment System

Snyder's-Lance
INCORPORATED

BACKGROUND:

Tom's was founded in Columbus, Georgia in 1925, when a young mechanical inventor named Tom Huston received peanuts from farmers in payment for some of his mechanical inventions. Huston then designed a mechanical peanut sheller and a roasting process for shelled peanuts. He then put the roasted peanuts into a narrow cellophane package. This narrow cellophane package received a patent in 1926.

Tom's Foods was purchased in 2005 by Lance, Inc., which merged with Snyder's of Hanover in 2010 to become Snyder's-Lance, Inc. Today, peanuts are still roasted and packaged at the facility in Columbus. The facility also includes a bakery for crackers and cookies, and a candy factory for brittle, etc.



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:

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

