

PROJECT PROFILE: SMITHFIELD FOODS

AEROBIC TREATMENT PLANT UPGRADE

ISC was contracted to construct improvements to Smithfield's existing Activated Sludge treatment system in Tar Heel, North Carolina. The primary upgrades included increasing their aerated treatment by 2 million gallons, and installing a new solids storage, handling and disposal system.



INTEGRAL COMPONENTS

- 2,000,000 gallon pre-stressed concrete aeration basin
- Two (2) 350 HP aeration blowers with canopy structure
- Welded steel aeration piping
- Fine bubble diffusion system
- Prefabricated electrical building
- Methanol bulk storage tanks and feed system
- Chemical conditioning systems
- 500,000 gallon pre-stressed concrete sludge storage tank
- Surface mounted aerator/mixer
- Sludge filter press
- Canopy structure
- Dried sludge conveyors and load-out system
- Modifications to existing flow-splitter system
- Yard piping



"Your satisfaction is our core motivation."