



Chemicals

Client

NutraSweet

Location

Augusta, GA, USA



Aspartame and Food Additives Production Facility

Project Description

CH2M HILL Lockwood Greene provides on-site planning, preliminary engineering, cost estimating, final design, and construction management services for NutraSweet's Aspartame and food additives production facility.

CH2M HILL Lockwood Greene is involved in all phases of plant engineering and new process design on small and large capital improvement, compliance and maintenance projects. Project features included:

- **Project Approach** - Engineering contracts are negotiated based on a solid partnering relationship, permitting CH2M HILL Lockwood Greene to function as an extension of NutraSweet's internal engineering group.
- **Communication and Teamwork** - Teamwork and effective communication reduces errors, omissions, and rework and assures that the clients's expectations are met.
- **Existing Plant Operations** - The needs and expectations of operations personnel are integral parts of all projects. Careful project planning and scheduling prevents interruptions to plant operations.
- **Schedules and Budgets** - Team ownership of project scopes of work, schedules, and budgets assure that operations, engineering, accounting and management's expectations are met.
- **Innovation** - The partnering environment and synergistic nature of the CH2M HILL Lockwood Greene/NutraSweet relationship promotes innovation and value engineering solutions resulting in operational cost savings.

The NutraSweet partnership has resulted in reduced project execution schedules, overall engineering cost, maintenance cost, and errors, and an increase in measured customer satisfaction levels. The following is a sampling of projects performed:

- New APM-II Centrifuge
- Solvent Vaporization and Recovery
- Storm Water Segregation
- L-Phe Evaporator Condensate Recovery
- VOC Oxygen Source Control
- NOx Reduction
- Utilities DCS Upgrades
- Waste Water Minimization and Control
- Chiller Replacement