



**Walsh Timber Company  
Kisatchie Treating Plant  
Noble, Louisiana**

**Start Date: February 2006  
Completion: September 2007  
TIC: \$14 Million  
HGA: 5,095 Man-hours**

### Project Description

Walsh Timber Company and others constructed a Greenfield, state of the art pole treating facility using CCA as the chemical. The project included a biomass boiler, kilns, log handling equipment, biomass conveying equipment, pole peeling equipment, treating vessels, and associated buildings.

### HGA Scope

HGA was responsible for this project in its entirety. The company had no employees when this project began. HGA represented the owner in all items of the project including:

- Feasibility study, including pro forma
- Site selection, design, and preparation. We obtained the 911 address.
- All permitting, including air, water, driveway, SWPPP (construction and permanent), DHH (potable water and sewer), etc.
- Assisted in obtaining government incentives and loans for owner.
- Selection of utility companies.
- Design of plant layout to facilitate storage, traffic flow, economy, and safety.
- Biomass conveyor design, equipment layouts, general arrangements
- Bid package preparation, evaluation, etc. Purchasing of all major equipments.
- Design of roads, paving, and all foundations including design of environmentally correct foundations and containment facility for the CCA process. Foundations were complicated in that they must be built within and could not penetrate a special membrane liner complete with monitoring wells. Foundation was designed for a treating cylinder (which weighed more than a million pounds), a tank farm, and building over it all. No stakes or forms could penetrate the liner.
- Building design for production buildings, offices, boiler, etc.
- Fire marshal package and submittal.
- Electrical power and control design
- Construction oversight

**HUNT, GUILLOT & ASSOCIATES, LLC**

*Project Managers & Engineers*

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