

## Design/Build, Own, Operations and Maintenance of Industrial Utilities

Colbond Incorporated (Acordis Group) – Enka, North Carolina

### Client Benefits

Peregrine implemented a turnkey design/build, own/operate project for meeting required chilled water and steam needs at this site. The project reduces Colbond's utility costs significantly, while giving them complete independence from existing, but antiquated utilities. Colbond also sells services from its new facilities to other site tenants.

### The Opportunity

Colbond, was scheduled to lose utility services previously provided by BASF at the Enka site. Wanting to conserve capital for investment in upcoming process expansions, site management saw this as an opportunity to reduce costs, but still obtain outsourced utilities from a new provider, including all operations and maintenance.

### The Solution

Peregrine was awarded this design-build-own project based on experience, quality and the lowest total cost. The design-build project scope included:

- (2) 15,000 lb/hr package gas fired steam boilers with #2 oil backup
- Boiler auxiliary equipment including natural gas and No. 2 fuel oil trains, boiler deaerator, water softener and chemical feed system.
- Fuel oil storage tanks and unloading facilities
- (2) 400 ton chillers, an 800 ton chiller and an 800 ton cooling tower
- All related auxiliary equipment, electrical and controls



**Peregrine provides Colbond with cost-effective steam and chilled water under an operating lease agreement. 24-hour utility monitoring and complete operations and maintenance services are also provided.**

**Bringing Business Sense to Every Project**