



Buchart Horn personnel inventory, test, and assess the condition of plant components prior to shipment and reassembly at another base camp.

Portable Wastewater Treatment Plants Offer Deployment Options for the Military

Buchart Horn developed designs for two wastewater plants under the challenge of heightened military security in a war-torn area of Bosnia in 1998. The company met the challenge with an innovative project delivery approach by working with the Army, the construction contractor, and the equipment manufacturer. The resulting facilities treated wastewater from military activities within the American Sector of Bosnia-Herzegovina.

The plants were designed to be portable so they could be disassembled and relocated to other areas as military units were redeployed. The Comanche Base plant was later decommissioned, crated, and shipped to Kosovo for storage. Buchart Horn engineers recently conducted a complete assessment and system analysis of all crated parts and components, reprogrammed the process control computer, and created an electronic operations and maintenance manual for the plant, which is now ready for redeployment.

Buchart Horn also designed a new generation of redeployable wastewater plants for military use at company-size base camps in addition to larger units for battalion and brigade installations. The portable plants use modular CONEX components and were developed in conjunction with an Eastern European manufacturer to facilitate rapid delivery.