



## Municipal Drinking Water Treatment

Carbonair provided one NSF approved STAT 30 low profile air stripper with blowers, VFD's for the blower and discharge pump, and an integrated control panel with PLC for a confidential drinking water supply in North Carolina.

One drinking water well was contaminated with 1,2-dichloropropane at low ppb concentrations.

The Carbonair control system included a PLC for automatic startup and shutdown based on the demand for water from the system storage tank pressure switch.

A cell phone based auto-dialer was provided for alarm notification of any alarm conditions to the operators of the system.

Carbonair provided design assistance, manufactured and supplied the treatment equipment, and assisted with off-site installation assistance and final onsite startup supervision.

### Project Specifics

- Treatment flow rate: 15 gpm based on system demand
- Equipment Supplied: (1) STAT 30 Low Profile Air Stripper, instrumentation, VFD's and control panel
- Contaminants treated: 1,2-Dichloropropane

