

## Darlington Nuclear Generating Facility Lagoon Aerators



### Case Study Details

An aeration system was installed in two lagoons used for temporary dechlorination at the Darlington Nuclear Generating Facility in Ontario. H2Flow worked with the consultant and contractor to supply and install eight TORNADO Surface Aspirating Aerators, four for each lagoon. Each aerator has a 7.5 hp motor and a two-pontoon float system and is attached to posts using mooring cables. These aerators were chosen as they provide a good combination of aeration efficiency and mixing, as well as being very easy to install and maintain. Maintenance time will be reduced through the use of autolubers that were supplied with the aerators.

**Engineering Consultant:** ASI  
**Installation Contractor:** ES Fox  
**Client:** Ontario Power Generation  
**Start-Up:** 2015