

## Washington, D.C. Metro Subway System

### HydroPlex Installation



#### OVERVIEW:

Given the risk of widespread exposure to large numbers of subway users, this government entity sought initially to control Legionella. After evaluating options, WMATA installed a complete HydroPlex™ system. Tests were run for one cooling season.



#### ACCOMPLISHMENTS:

The HydroPlex eliminated Legionella from a pre-contaminated tower and Legionella counts were held to zero throughout the cooling season. All chemical treatments for scale and Legionella were discontinued. WMATA also measured and quantified dramatic energy and water savings. Existing scale in chillers and plumbing conduit was removed and no longer emerges. The Hydroplex was able to accomplish the intended goals while providing the additional benefits of keeping the tower/chiller system free of hard water scale, algae, reducing water consumption and reducing tower maintenance requirements. As a consequence of this success, 3 HydroPlexes are currently in use, and 15 additional units are in contract.