

Solon City Schools Solon, Ohio

HydroPlex Installation



OVERVIEW:

This school system's ground installed cooling tower accumulated large quantities of debris in the sump. Further, its students risked exposure chemical laden tower drift. The school properly maintained a second cooling tower with a comprehensive chemical treatment program and conscientious attention by an on-site HVAC technician. While this tower and chiller remained moderately clean throughout the season, the school system suffered a high cost factor for maintenance time and chemicals. Additionally, this tower discharged approximately 1200 gallons of water per day (bleed off to maintain 3 cycles of concentration measured as TDS).



ACCOMPLISHMENTS:

After HydroPlex™ installations, all chemical treatment of these towers was discontinued thereby eliminating all risk of exposure through drift to toxic chemicals. The tower basins are always clean and debris free, water consumption substantially diminished, the tower water remains clear with no algae present, and the chillers are running at design efficiency. The school system's chillers and towers are now scale free, clean, more efficient, and operate with substantial savings in time, water, and costs.

