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ENGINEERING

Six Flags Indoor Water Park
Lake George, NY

Novus Engineering, P. C. designed the HVAC and water heating systems for this 38,000 square foot indoor waterpark, which operates year round. The design required careful attention to dehumidification, indoor air velocities to maintain uses comfort, and maintenance of indoor air quality.

The HVAC system was designed around two very large air-handling units with integral heat recovery. A unique sequence of operation was designed to provide control of relative humidity levels to maintain comfort and prevent condensation on exterior surfaces. The park opened for business in February 2006.

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Aquatic Development Group

Energy Code Analysis
Evaporation Rate Analysis
HVAC Design

Completion Date: February 2006

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