

RELATED EXPERIENCE

KENSINGTON METROPARK SPLASH AND BLAST

Johnson & Anderson was retained by Huron-Clinton Metropolitan Authority (HCMA) to provide civil, structural and architectural design services for a zero-depth spray park at their Kensington

Location: Kensington Metropark,
Brighton, Milford, and Lyon
Townships,
Oakland and Livingston
Counties, MI

Construction Date: 2006-2008

Construction Cost: \$2,500,000

Client: Huron-Clinton Metropolitan
Authority

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Metropark. Kensington Metropark is a 4,480-acre park in the Huron-Clinton Metropark system located in Brighton Township in Livingston County and Milford and Lyon Townships in Oakland County. Called *Splash and Blast* by HCMA, this type of water attraction creates shooting and spraying water as the feature, rather than standing water. The entire attraction is nearly 1.5 acres in size and includes a concrete plaza around the spray park where parents can sit and watch. Several thousand people per day have enjoyed the facility since it opened.

The facility features nearly 6,000 square feet of rubberized surface play area, with 39 separate spray items. Included in the list of fun spraying elements are 15 ground spray geysers, nine water "O's", one Cat Tail/Dragon Fly, three water canons, three Poly Palms, an Ogo Serpent Head, a Pogo Serpent Tail, a Wally Whale Tail, Jr., a doughnut, and three water arches. Two water slides are also included at *Splash and Blast*. The major system components can be activated by the users with six activation bollards. Invisible elements of the system include water supply lines, water return lines, storm sewers, and two 2,000 gallon per minute vertical turbine pumps. After leaving the spray features the water is recycled. The recycle system includes the ability to heat, filter and chlorinate the water. The entire system is controlled by one programmable logic controller that controls the pumps and the 39 electric valves feeding the play features. All of the mechanical equipment is housed in a 930 square foot building.

