

Recreation Engineering and Planning

THE NATIONAL WHITEWATER CENTER, CHARLOTTE, N.C.

The National Whitewater Center—the largest whitewater park of its kind in the world—is scheduled to open in Spring of 2006. This park is designed to surpass the cutting edge of current technology for whitewater parks. Consider this: This park will feature four separate channel segments including the world's steepest slalom channel, the world's highest volume big water channel, and purpose-built areas for other features such as instruction, development, safety training, big-wave surfing, hole riding and, well, you name it and the National Whitewater Center has it.

Special features at this site include four separate moveable obstacle systems in addition to the natural rock structures located throughout the channel, a restaurant and patio areas that overlook the course, head gates that allow channels to be alternately closed off and opened, as well as specific design features tailored to maximize profitable rafting operations while providing world class whitewater park fun. This park was designed with the dual goals of being a seamlessly integrated outdoor adventure center as well as being state-of-the-art whitewater far into the future.

- Four separate purpose-built channels
- Four completely autonomous moveable obstacle systems
- Natural rock seating in a natural environment
- A state-of-the-art conveyor belt system that will continuously recycle kayaks and rafts to the top of the course without ever leaving their boats.
- 1200 cubic feet of water per second making this the largest pumped whitewater course in the world



COMPLETED:

SPRING 2006

Industry leading whitewater play park that spans the gamut from Olympic difficulty slalom to beginner rafting and kayaking. Pumped water and conveyor belt access make this course fully contained



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