

FWS Project: National Aquarium, Baltimore MD

The National Aquarium located on the inner harbor in Baltimore MD, has a vision to create a green space that promotes ecology and water quality while at the same time creating a park like atmosphere for the public. Their vision, depicted below as an artist's rendering, includes floating wetlands, bay grasses and terraced edges that lead down to the water to greet visitors to Baltimore's Inner Harbor with interactive exhibits, kayaking, picnic spaces and other educational activities to the water and waterfront encompassing 2.5 acres between piers 3 and 4.



The \$14M project is being funded by both public and private money. Inspired by other urban waterfronts such as Brooklyn, NY and Charleston, SC, Ayers Saint Gross Architects are leading the design team with the goal of making the Baltimore Harbor a shining example for other harbors to follow.

Floating Wetland Solutions has provided several other projects for the National Aquarium and strategic partner Biohabitats, and based on our unique customized solutions and capabilities, FWS was selected for this project.

Phase 1 for this project was to prototype a highly unique multi-tiered floating island. This design provides 6 distinct wetland levels to support various wetland conditions found in nature. The design also required us to upgrade our processes to include using water jet cutting.



Water Jet Cutting Table



Staged On Shop Floor Prior To Shipping



Launching On Inner Harbor



Planting



Phase 2 design is well underway, and we are scheduled for installation in 2019. Once installed, the National Aquarium intends this to be a showcase example of how other urban harbors should leverage floating wetlands. With our unique capabilities and experiences, we anticipate this will drive significant future business.