

Armory Pond

Raleigh, North Carolina



Featured Product(s):

Beemats Floating Wetlands

Product Advantages:

- Sequesters excess bioavailable nutrients in the water column.
- Competes with invasive species using native plants.
- Can be utilized in new construction or retrofits.
- Periodic maintenance ensures success of project.
- Included reports shows the removed nutrients.

The Challenge

Armory Pond in Raleigh was part of a study done by a student at NC State. This location was one of three locations involved in the study.

The hope for the study was to observe efficacy of strategic placement of floating treatment wetlands to the inflows and outflows of a certain body of water for storing and removing phosphorus and nitrogen.

All the locations were overloaded with an excess of bio available nutrients leading to algae blooms and allowing invasive plant species to thrive.

The Solution

We installed this island around the outflow structure to target nutrients as they were leaving the pond. After 365 days of monitoring by NC State the project was successful in gathering the data needed for the study.

The floating island was successful in taking up excess nutrients and reducing algae bloom effects.

For more information, contact one of our experts:

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