



# J.E.L. Wade Constructed Stormwater Wetland & Park

## FUNDING SOURCE & AMOUNT

NC Clean Water Management Trust Fund (property acquisition & wetland construction)

\$2.9 million dollars (wetland construction, includes grant, city & county funding)

\$688,000 parks construction

## TIMEFRAME

Property Acquisition: 2005

Wetland Construction: 2006-2007

Parks Construction: 2009

## GRANT ADMINISTRATOR

New Hanover County Tidal Creeks Board (property acquisition)

City of Wilmington, NC (wetland & parks construction)

## IN-KIND PARTNERS

City of Wilmington

New Hanover County

## SUMMARY / DESCRIPTION

In 2005, New Hanover County acquired 17 acres of land formerly known as the “Dobo property” with funding provided by the NC Clean Water Management Trust Fund (CWMTF). The goal of the land acquisition was to improve water quality in Hewletts Creek by partnering with the City of Wilmington to construct a stormwater wetland on the property.

Following the acquisition of the property and in order to facilitate construction of the stormwater project, New Hanover County and the City of Wilmington agreed on a long term lease for the property. The lease provided for the city’s construction and maintenance of the wetland as well as park improvements.

Through additional CWMTF grant funding and City and County funding totaling \$2.9 million dollars, the City’s Stormwater Services Division managed installation of the 12-acre stormwater wetland beginning in 2006. The project diverted runoff from two major outfalls bordering the property into the wetland, in order to remove pollutants before being discharged back into the headwaters of Hewletts Creek. Completed in 2007, the wetland treats a drainage area of approximately 590 acres or 10% of the Hewletts Creek Watershed. It also serves as critical habitat for native and migratory birds, animals, and plants and is the largest constructed stormwater wetland in the area.

After the stormwater project was completed, the City began park development at the site in the spring of 2008 and was completed in January 2009. The cost of the project was \$688,000. Amenities of the park include: ½ mile (10 foot wide) multi-use path, restrooms and picnic shelter, playground and open play area, and interpretive signage.

## GRANT GOAL(S)

- Partner with New Hanover County to secure funding from the NC Clean Water Management Trust Fund to acquire 17-acres of land and construct a 12-acre stormwater wetland.
- Treat 590 acres of polluted runoff before it drains into Hewletts Creek.
- Construct a city park with recreational amenities on the site.
  - ½ mile (10 foot wide) multi-use path
  - Restrooms and picnic shelter
  - Playground and open play area
  - Educational/interpretive signage



# DOBO PROPERTY

## CONCEPTUAL PARK LAYOUT

Prepared For:



Prepared By: **Dewberry**

Dewberry & Davis, Inc.  
 HadenStanziale  
 planning landscape architecture

This site plan is graphic representation of the park concept and should be utilized for planning and discussion purposes only.





