



TOWN OF BLUFFTON 2011 UPDATE

February 1, 2012

2011 Overall Accomplishments

- Completion of 20,000sf Law Enforcement Center in Buckwalter Place.
- Oyster Factory Park – Bluff stabilization and plantings, underground detention and infiltration system, road resurfacing.
- New River Trail Parking – New gravel parking with informational kiosks and trail signage.
- Buckwalter Greenway Trail
- Adoption of overhauled Unified Development Ordinance.
- Installed vehicular and pedestrian wayfinding signs throughout Old Town and the general community.

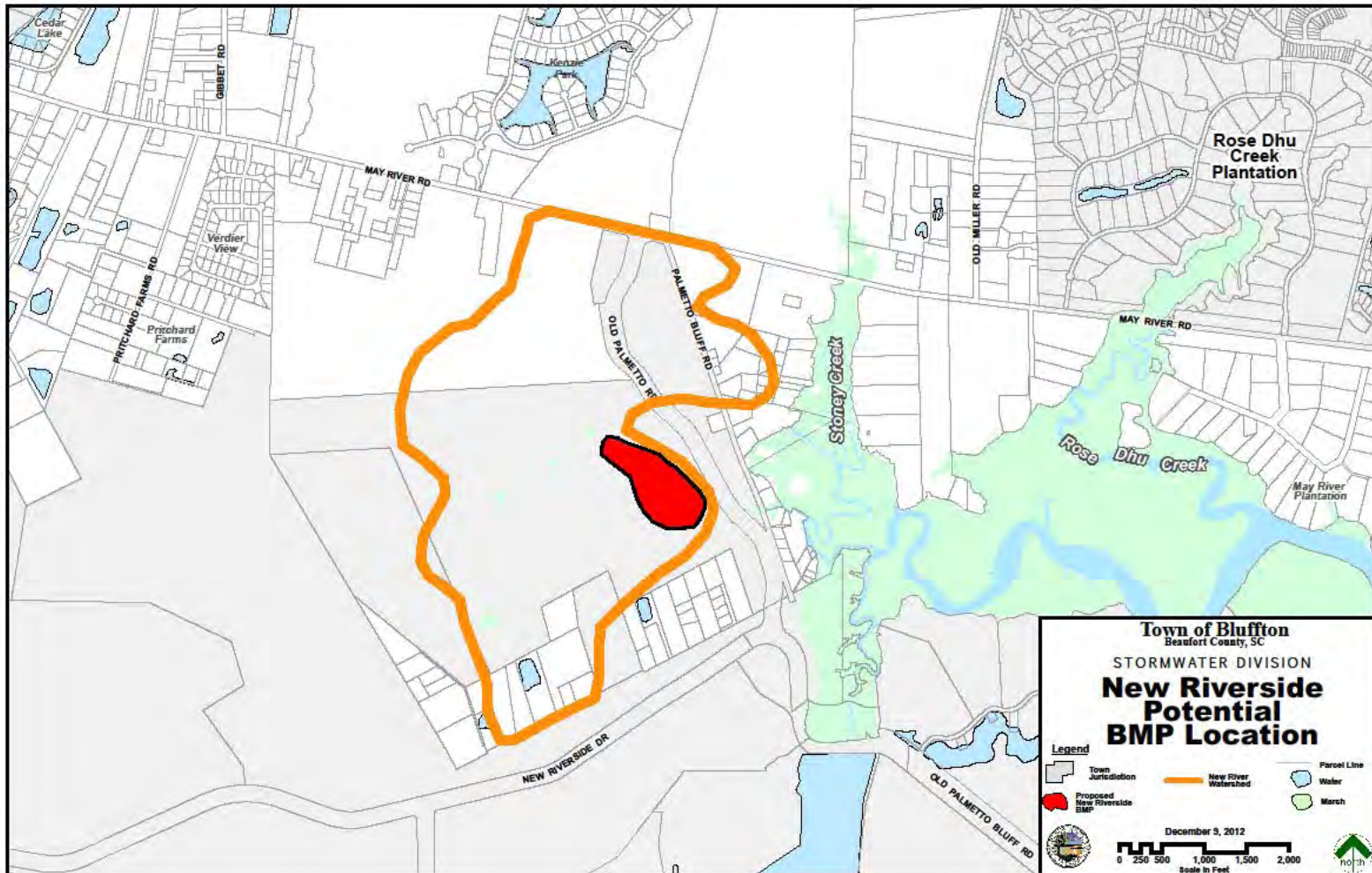
2011 Stormwater Accomplishments

- Creation of Stormwater Management Department.
- Serviced or repaired approximately 90 septic systems throughout May River Watershed and Town of Bluffton.
- Sewer Installation in Buck Island / Simmonsville neighborhoods through Community Development Block Grant. Approximately 263 residents converted to date.
- Performed maintenance on over 30,000 lf of Town drainage system.
- Adoption of May River Watershed Action Plan.

2012 Near Term Initiatives

- Wharf Street Redevelopment project.
- Complete May River Road/Hwy 46 Road Diet.
- Complete May River Road/Hwy 46 Streetscape.
- Begin 2007 Comprehensive Plan audit and update.
- Continue sewer installation initiatives.
- Implement near term priorities identified in May River Watershed Action Plan (Restorative and Preventative).

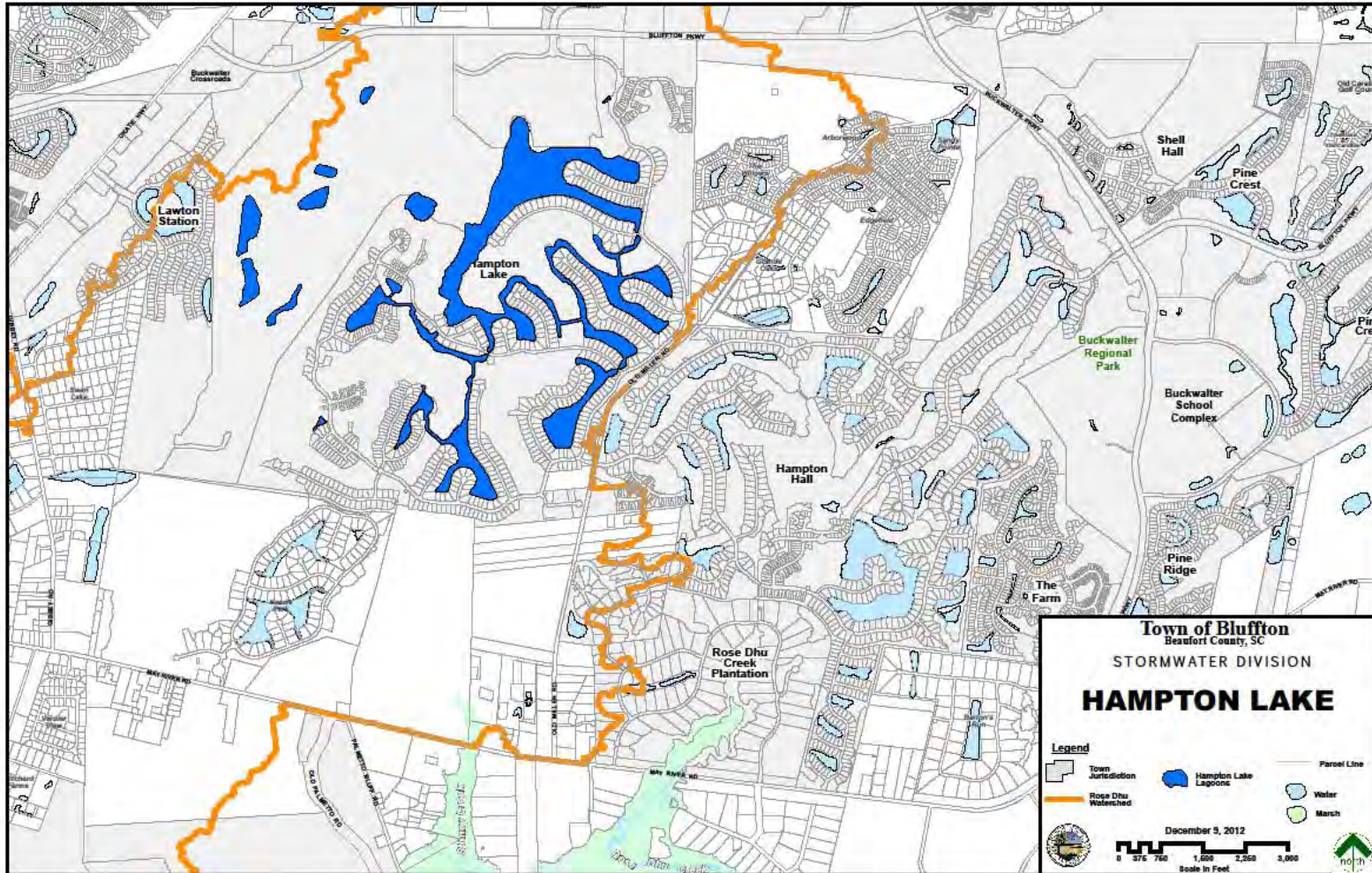
Project #1 – New Riverside Stormwater Pond



Project #1 – New Riverside Stormwater Pond

- Proven Technology in fecal coliform reduction
- Multi-phase project that can be expanded with future funding.
- Treats 279 acre sub-watershed.
- Initial phase projected to remove approximately 48M fecal colony forming units (cfu) per year.
- Initial phase budgeted at ~\$466k (design and construction)
- Anticipate design to be complete Q4 FY12, construction complete Q2 FY13.

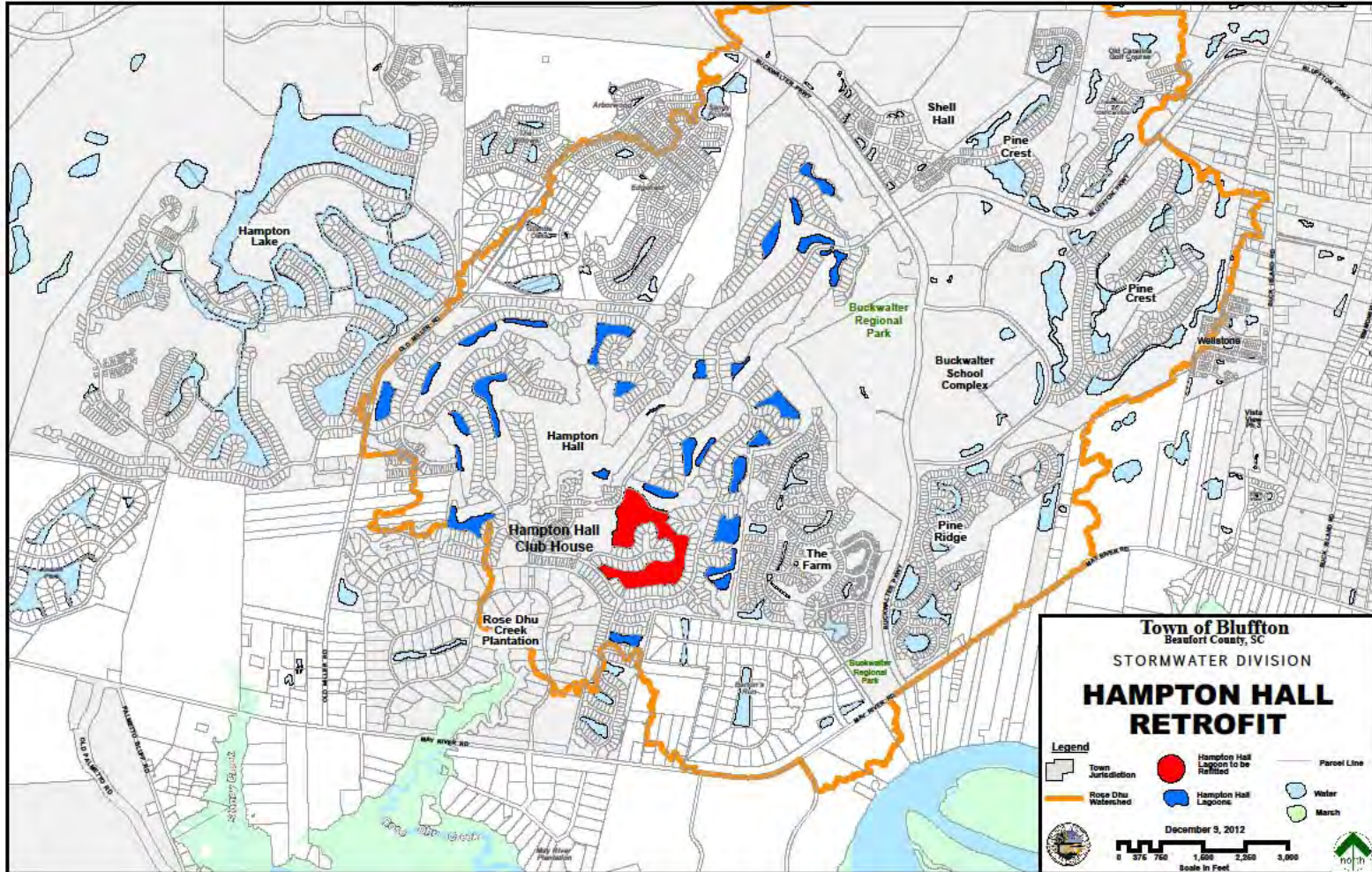
Project #2 Hampton Lake Lagoon Retrofit



Project #2 Hampton Lake Lagoon Retrofit

- Proposed pond outfall modification
- Extend storage time for smaller rain events, increasing opportunity for natural fecal reduction; also reduce volume load per tidal cycle
- Services 2500 acre sub-watershed
- Projected to remove ~1.9M fecal cfu per year.
- Projected cost of ~\$125k (design and construction). Design is budgeted in FY12.
- Anticipate design complete Q4 FY12, construction complete Q2 FY13.

Project #3 Hampton Hall Lagoon Retrofit

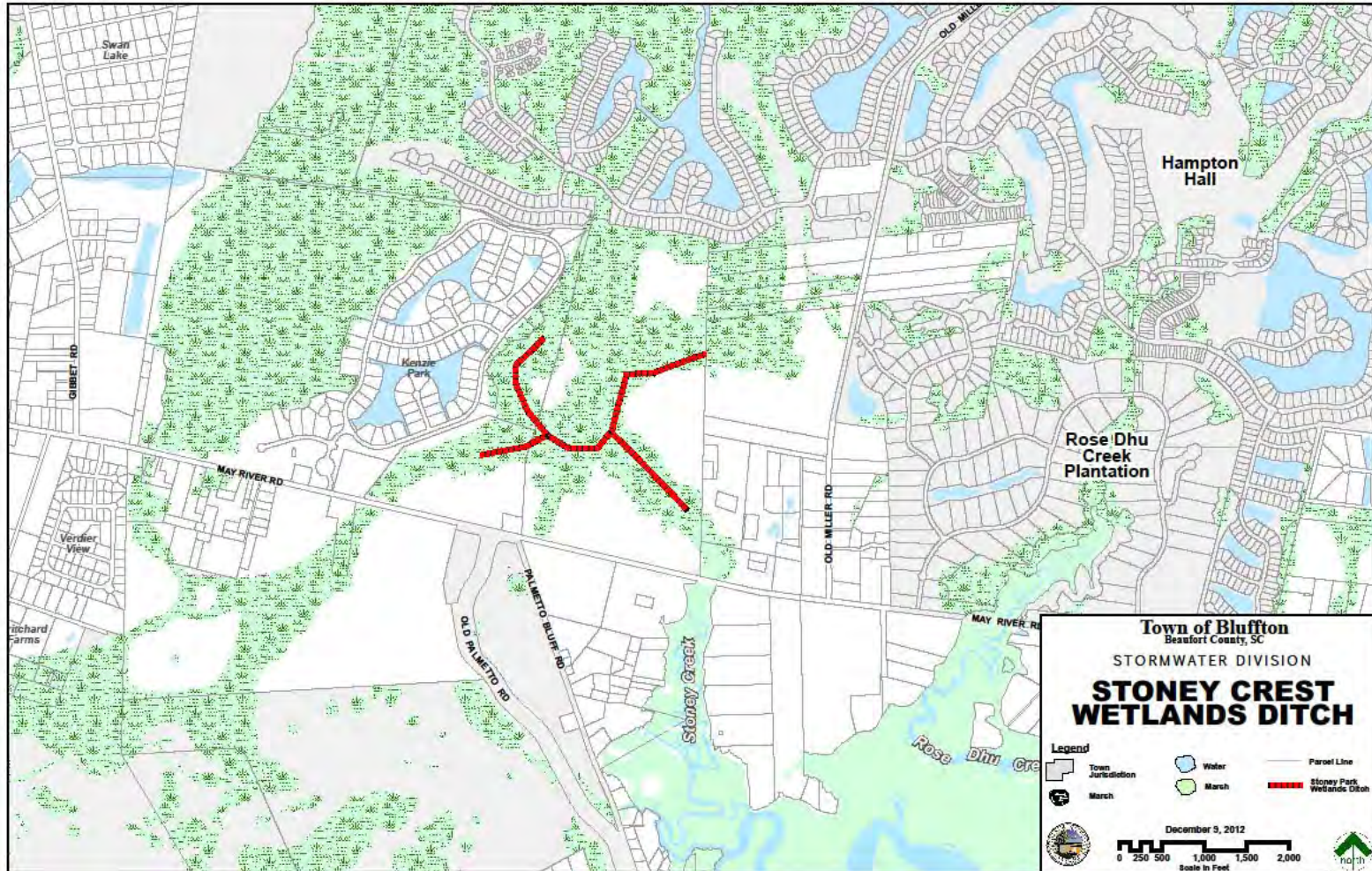


Project #3 Hampton Hall Lagoon

Retrofit

- Proposed pond outfall modification
- Extend storage time for smaller rain events, increasing opportunity for natural fecal reduction; also reduce volume load per tidal cycle
- Opportunity for greater effectiveness applying same technology to other lagoons in same sub-watershed.
- Services 2700 acre sub-watershed
- Projected to remove ~1.2M fecal cfu per year.
- Projected cost of ~\$85k (design and construction). Design is budgeted in FY12.
- Anticipate design complete Q4 FY12, construction complete Q2 FY13.

Project #4 Stoney Creek Wetland Restoration



Project #4 Stoney Creek Wetland Restoration

- Restore wetlands through ditch plugging or filling.
- Increase stormwater runoff storage time in wetlands, reducing volume load per tidal cycle.
- True pilot project – wetland restoration specifically for pollutant removal purposes.
- Services 4900 acre sub-watershed.
- Projected to remove ~227M fecal cfu per year.
- Estimated \$500k budget (design and construction).
- Feasibility currently being reviewed. Not currently budgeted or scheduled.
- In Beaufort County's jurisdiction.

Town of Bluffton 2011 Update

Questions and feedback?