

Volusia County Water Quality Plan

Planning Parameters

- Council direction from the Water Workshop
- Priority water bodies
- County government role as
 - Governing jurisdiction
 - Service provider
- Projects and activities to reduce stormwater and wastewater contaminants, improve and use science, provide public outreach

Stormwater Treatment

- Update basin studies
- Capital projects
 - Regional retention – Rio Way, Gabordy Canal
 - Outfall treatment – North Pen, Wilbur by the Sea
 - Evaluation of Gemini outfalls for alternatives

Reasonable Assurance Plan Mosquito Lagoon

- Partnership with FDEP and SJWMD
- Municipalities on the Mosquito Lagoon
New Smyrna Beach, Edgewater, Oak Hill

Multi year planning and allocation initiative

Wastewater Treatment

- Capital projects to reduce septic systems
 - Identify project areas to extend central WW service and reduce septic system
 - Mosquito Lagoon – 10 project areas / 1416 septics
 - Halifax - 9 project areas / 4950 septics
 - Blue Spring – 8 project areas / 3590 septics or lots
 - Gemini Spring – 12 project areas / 4525 septics or lots
 - Some projects are county utility service in a city
 - West side projects may also address water service

Wastewater Treatment

- Capital projects to upgrade level of treatment for central wastewater
 - Southwest Regional WWTP conversion to Advanced Wastewater Treatment (AWT)
 - Southeast Regional WWTP conversion to AWT

Education and Outreach

- Task Team –
 - Curriculum catalog
 - Educational materials
 - Volunteer Naturalist program
- Media campaign for fertilizer restrictions
- Project H₂O