

INFRASTRUCTURE WORKSHOP
UTILITY DEPARTMENT
OCTOBER 20, 2015
SEWER MASTER PLAN

ISSUE

- Charlotte Harbor and the Myakka River have been designated as impaired water bodies
- Onsite wastewater treatment systems are one of the causes

DISCUSSION

- Onsite systems have been allowed to expand into areas not suitable for this type of treatment and disposal of sewage.
- Existing conditions in Charlotte County are not conducive to onsite systems
- Expansion of central sewer initiated to address the problem
- Water sampling programs currently measuring pre-construction, and post construction water quality levels

SLIDE SUMMARY

- **Blue Water Strategy** (Slides 69 through 70)
- **Ecological Insight** (Slide 71)
 - Brian E. Lapointe, Ph.D. Bio, Speaker at a future Board Meeting
- **Mid-County Charlotte Harbor Water Quality Initiative** (Slide 72 through 87)
 - Identifies areas adjacent to waterways, environmentally sensitive areas.
 - Identifies areas greater than 50% developed areas
- **West County Charlotte Water Quality Initiative** (Slide 88)
 - Future Expansion Areas (2024-2030)
- **South County Charlotte Water Quality Initiative** (Slide 89)
 - Future Expansion Areas (2025-2035)
- **Outcome of Mid-County Sewer Expansion** (Slides 90 through 91)
 - Projection of connections and revenue
- **Proposed Funding and Time Table** (Slides 92 through 93)
 - Proposed Phase 2 Assessment = \$12,251
 - On-lot connection options forthcoming
- **Courses Of Action/Options** (Slides 94)
 - MSBU Time Table and Next Steps
 - Approve the implementation of the Mid-County sewer expansion program
 - Amend CIP for Phase 2 construction
 - Authorize proceeding with design for US 41 and El Jobean
 - Authorize proceeding with MSBU implementation
 - Authorize pursuit of funding sources such as SRF/USDA Loans, Amendment 1 and other grants