



Wakulla County Community Meeting

Sewer Master Plan

December 12, 2019

Project Overview

Purpose: Improve water quality and protect Wakulla Springs and the surrounding community



Wakulla Springs is the world's
LARGEST & DEEPEST
freshwater spring

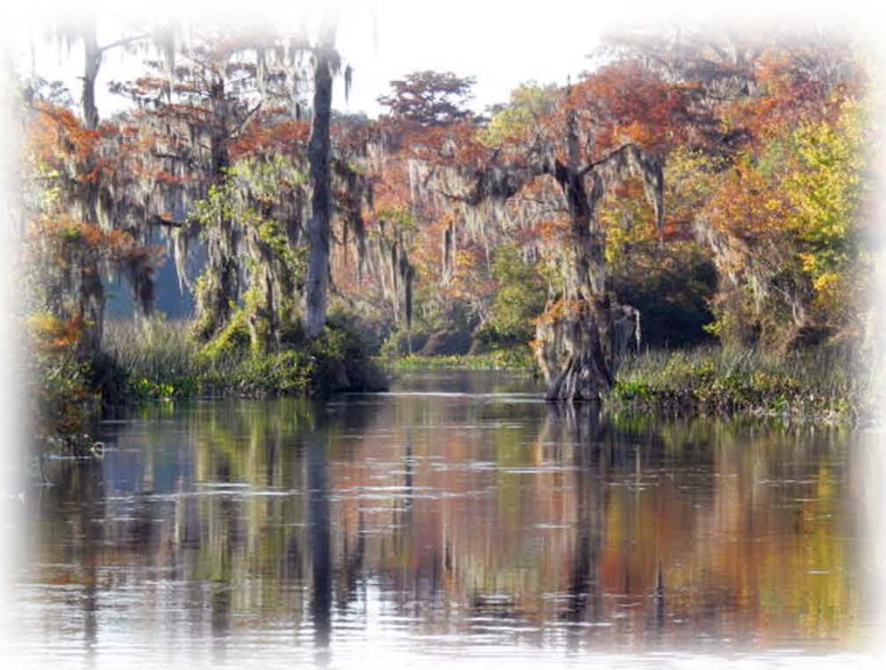
Extensive cave systems
more **32 MILES**

It discharges approximately

250 MILLION GALLONS
of **WATER PER DAY**



The flow from the spring could fill an
OLYMPIC SWIMMING POOL EVERY FOUR MINUTES



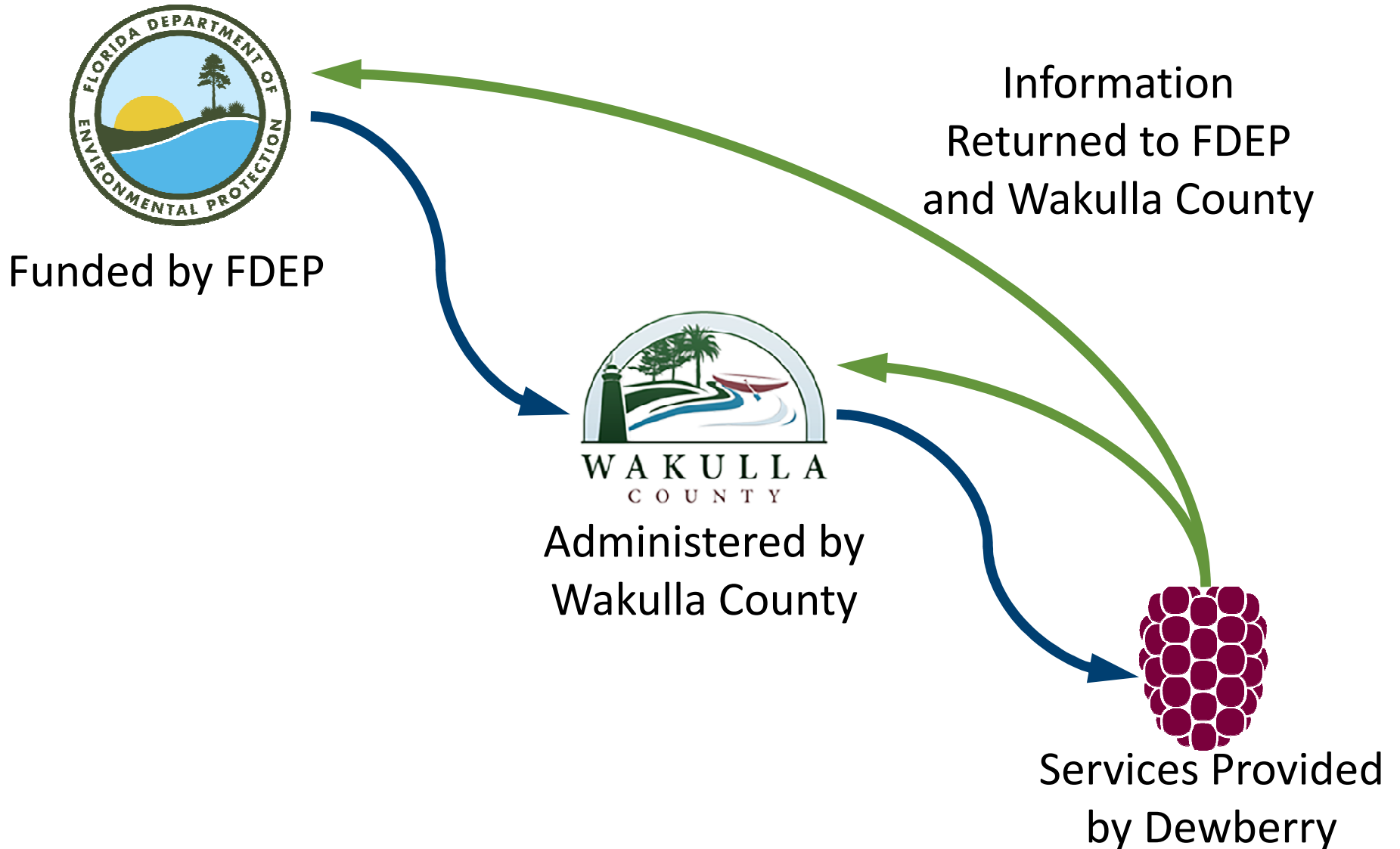
Wakulla Springs, 1967



Wakulla Springs, 2018



Project Overview

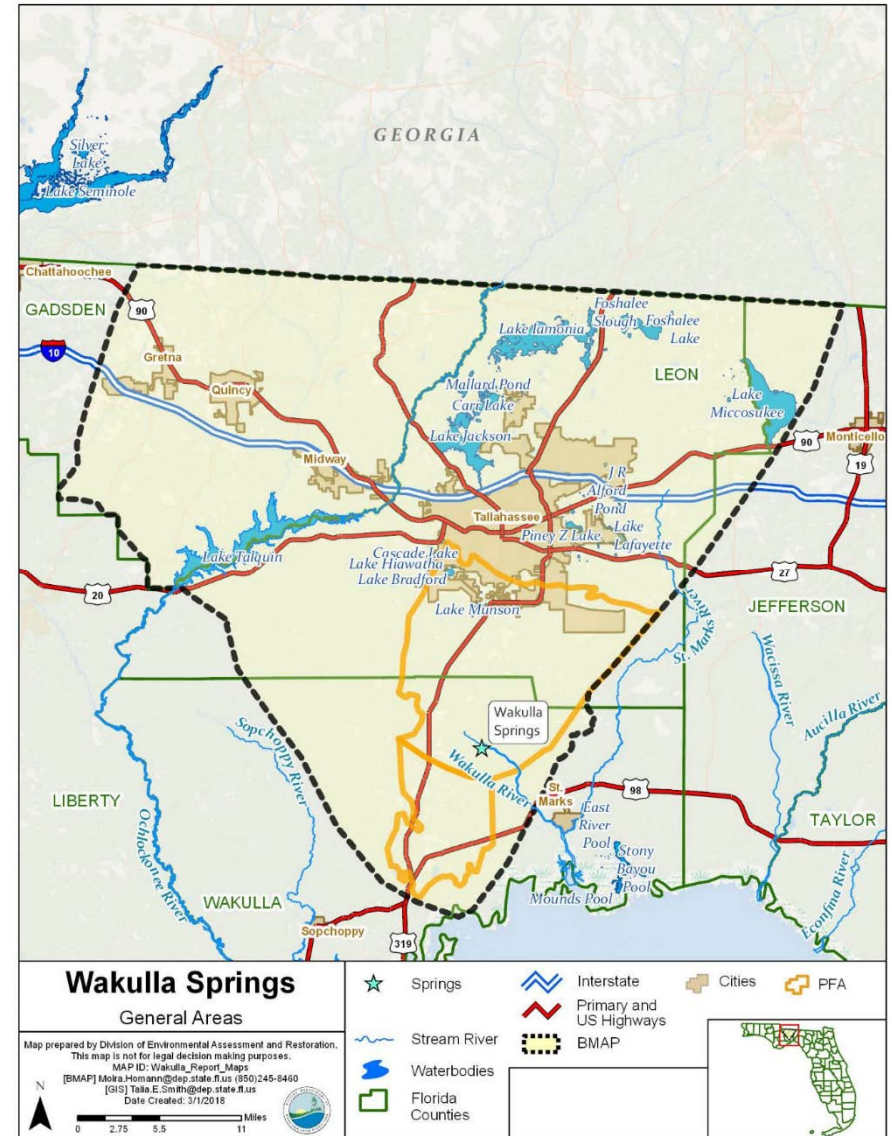




Project Overview

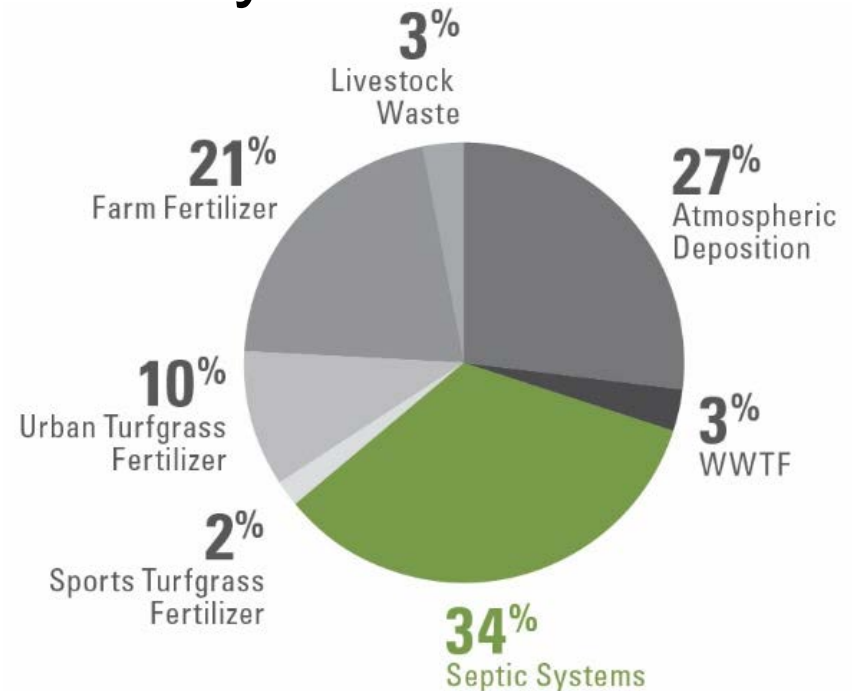
1. Inventory of septic & sewer
2. Document infrastructure needed for remediation
3. Identify septic systems within priority focus and BMAP areas that require remediation
4. Cost comparison of alternative strategies
5. Project service areas for planning
6. Stakeholder meetings
7. Final report and findings

- Known as “BMAP”
- “Blueprint” to:
 - Restore impaired waters
 - Reduce pollutant loads
 - Inform decision-making and funding

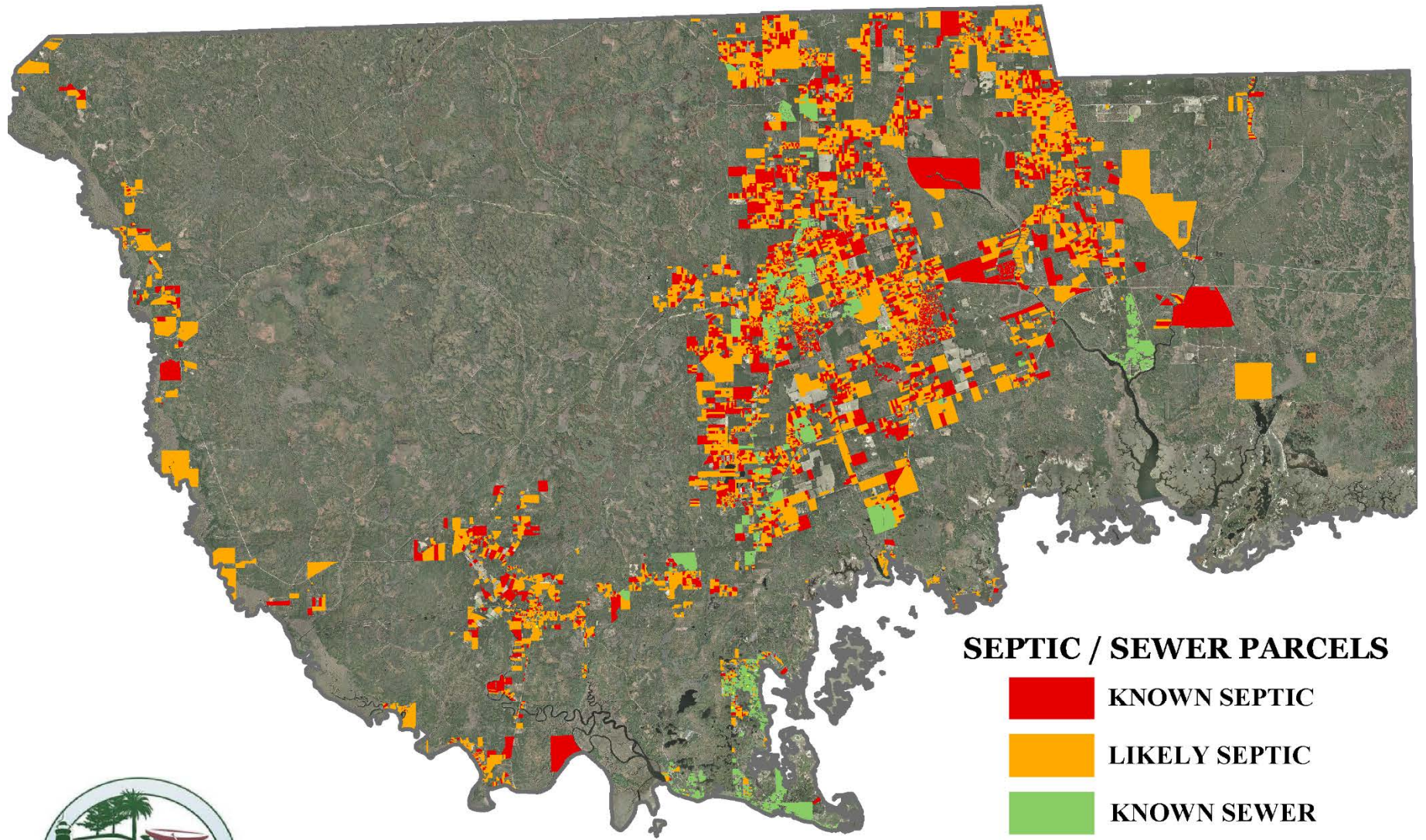


Background Information

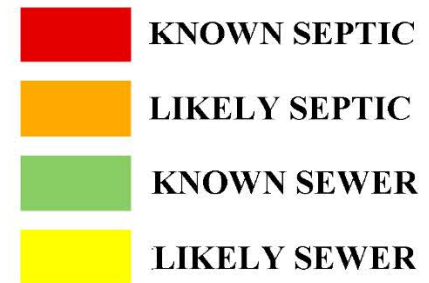
- Septic Systems are the greatest contributor of nutrients to the Wakulla Springs basin per BMAP
- Conventional septic systems only reduce nitrogen by 30-40%
- Wakulla WWTP:
 - Current: 52% reduction
 - Proposed: 95% reduction
- Enhanced Septic:
 - Up to 90-95% reduction



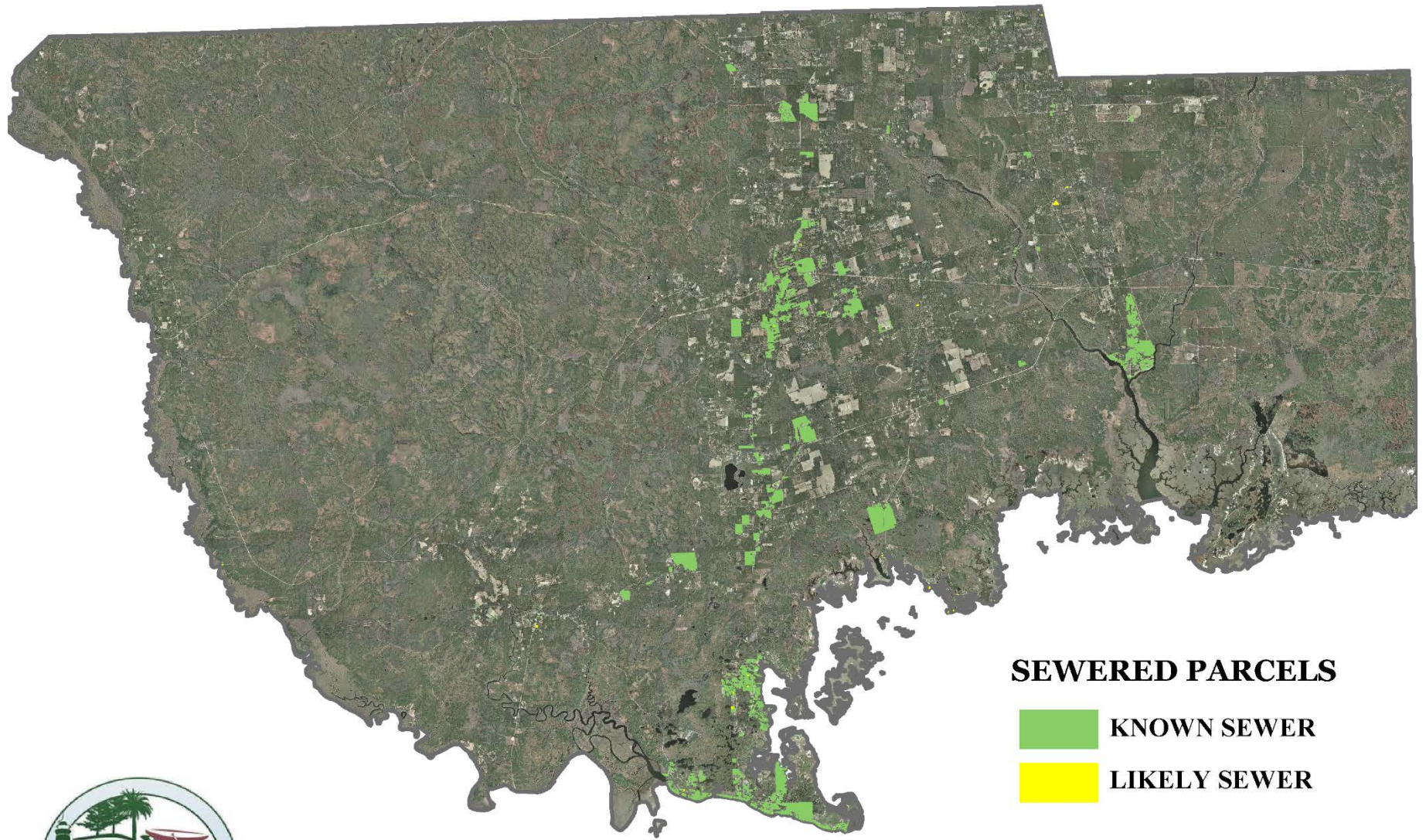
WAKULLA COUNTY



SEPTIC / SEWER PARCELS



WAKULLA COUNTY

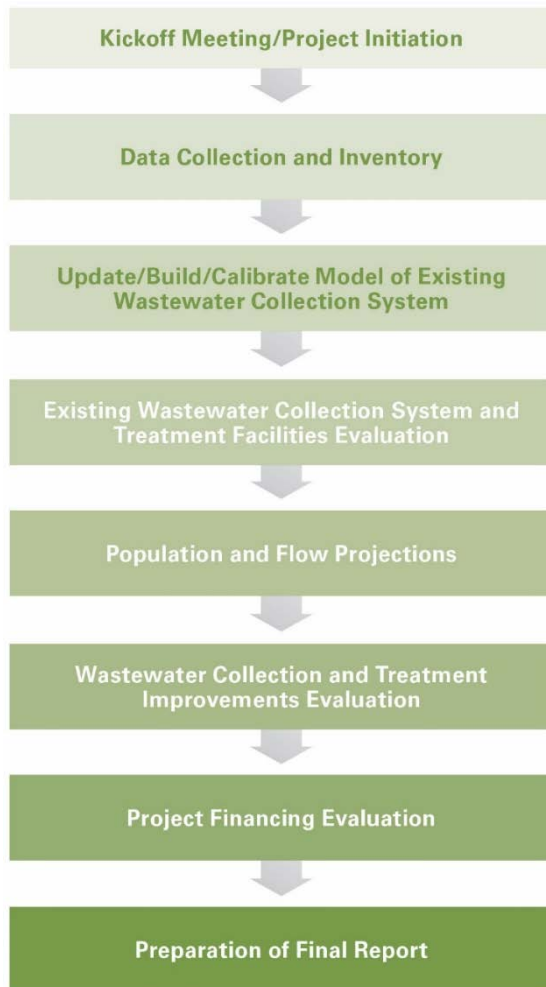




Current Progress

- Data collection on existing sewer systems
- Begun field verification of septic and sewer locations
- Identified potential funding for enhanced sewer systems
- Assisted County with implementation of new GIS database
- WWTP data collection

Next Steps



- Continued community assistance with field verification
- Additional community meetings
- Community surveys online and at relevant meetings
- Continue data collection for existing septic and sewer
- Identify septic conversion and upgrade areas



Ultimate Goals

- Areas for septic upgrades or conversion to central sewer
- Capacity upgrades at WWTP to accommodate conversion projects
- Creation of plan will streamline funding for upgrade and conversion projects

Current Springs Protection Efforts

- Septic conversion projects
 - 560 home conversions to date in Wakulla County
- WWTP upgrades
 - Treatment Capacity and Quality
- Septic remediation funding



Useful Links

- Official Project Email
 - wakullasewerstudy@gmail.com
- Wakulla County Official Facebook
 - <https://www.facebook.com/Wakulla-County-Board-of-County-Commissioners-Administration-257737631323746/>
- Septic remediation funding
 - <https://floridadep.gov/springs/restoration-funding/content/septic-upgrade-incentive-program>
- Basin Management Action Plan
 - <https://floridadep.gov/dear/water-quality-restoration/documents/upper-wakulla-river-and-wakulla-springs-basin-management-0>

