

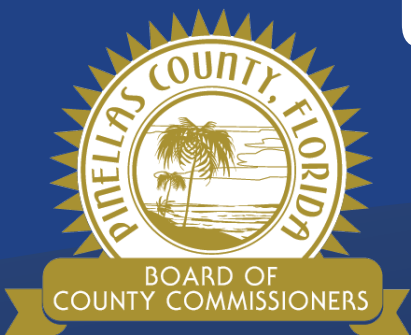
Private Sewer Lateral Policy



Utilities Department

Megan Ross, Director of Utilities

February 22, 2022

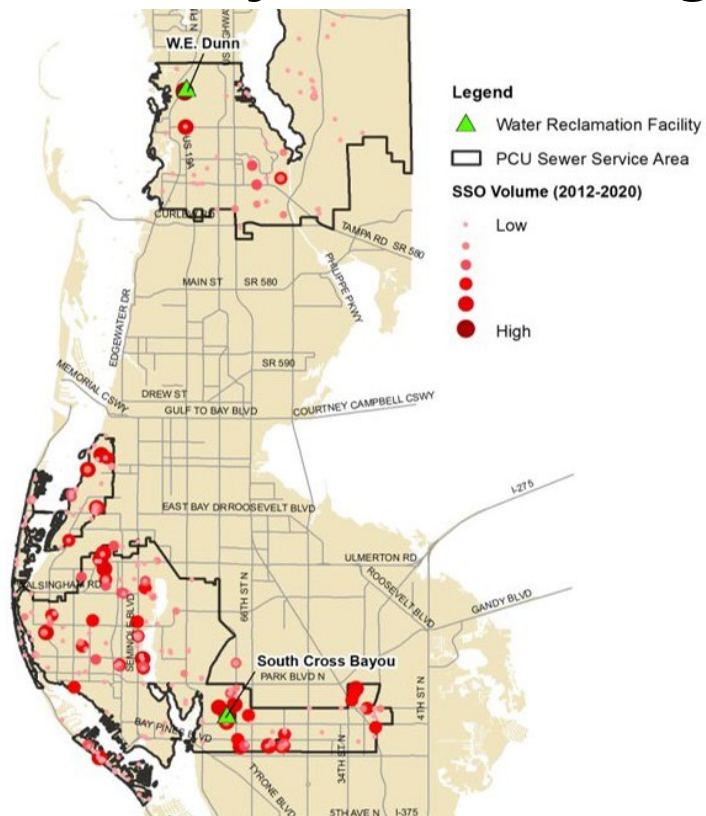


Our Vision: To Be the Standard for Public Service in America



Reduction of Sanitary Sewer Overflows (SSO)

Two Key Issues Driving Private Sewer Policies:



1 Recurring SSO Hot Spots



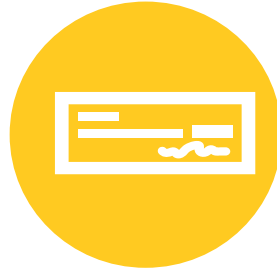
2 South Cross Bayou Consent Order

Private Sewer Lateral Policy



Find and Fix

Identify defective laterals for repair or replacement in targeted areas



Permitting

Property improvements requiring building permit prompts inspection and corrective action



Rebate

Funding for inspection and/or corrective action



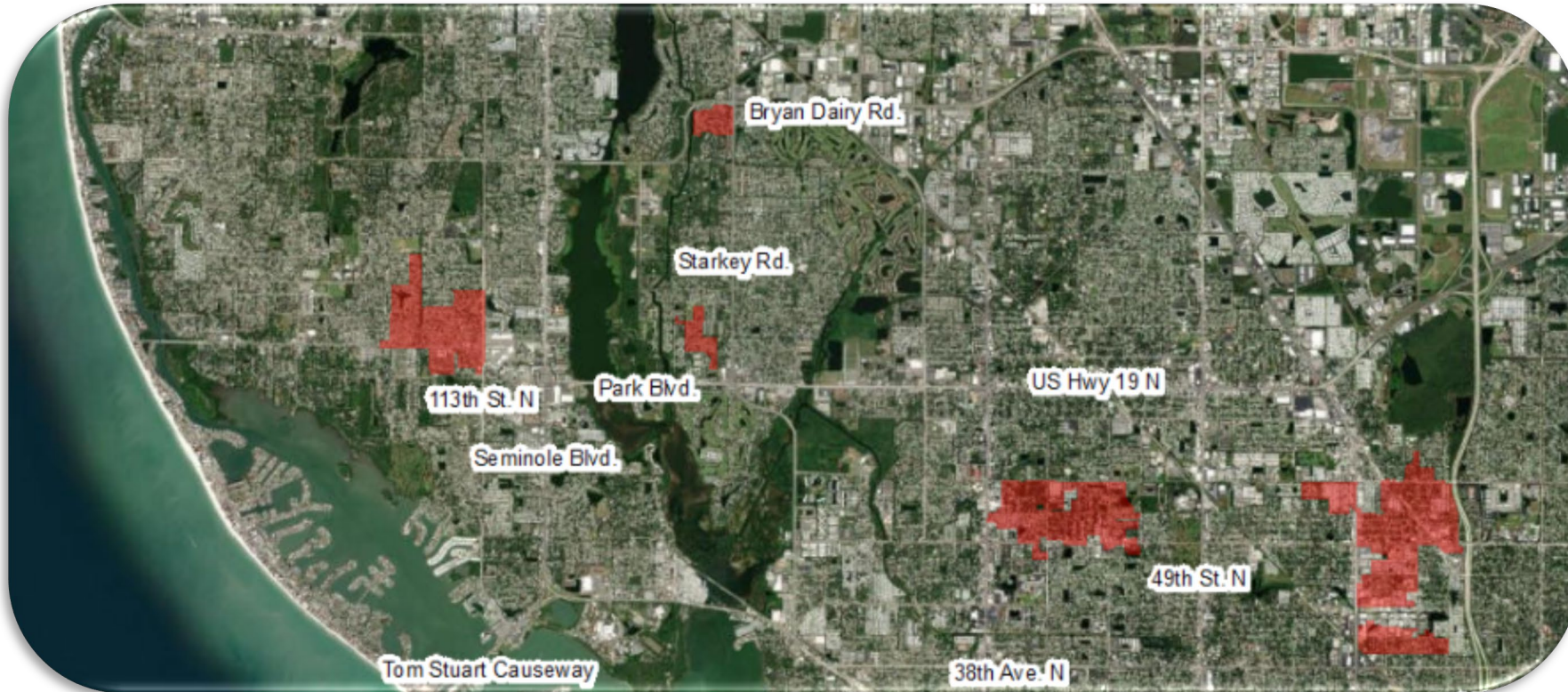
Private Systems

Permitting and inspection of private collection systems and pump stations



Find and Fix – Priority Areas

Goal: Reduce I&I from private sewer laterals as part of ongoing wastewater collection system rehabilitation program led and funded by PCU



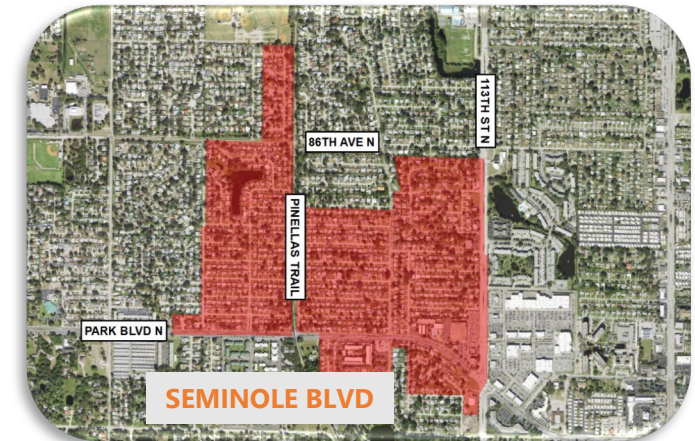
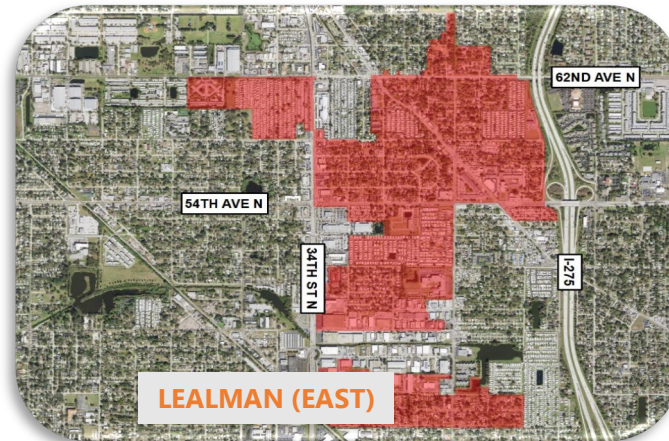
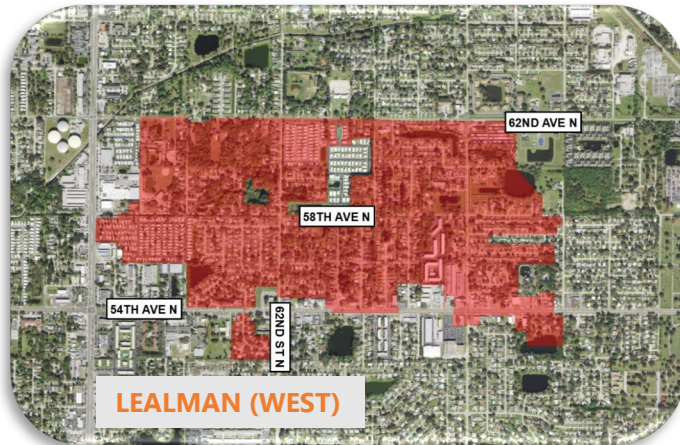


Find and Fix

Summary:

- Estimated I&I Reduction: 25% to 55% by addressing private laterals
- 36 Miles of Pipeline Rehabilitation
- 3,300 Private Laterals
- Public Rehab: 3.6 Miles per year
- Cost Avoidance: \$25M to \$50M+ for additional flow attenuation storage and pumping

Requirements	Description	Annual Costs
Private Laterals	Approx. 340 Per Year	\$957,000
Public Lines and Laterals	Approx. 19,000 LF Per Year	\$3,223,000
Public Outreach	Mailers, Social Media, etc.	\$20,000
Temporary Easements	One FTE	\$58,000
Engineering Services	Design/Bid/CM Services	\$800,000
Total Estimated Annual Cost		\$5,058,000





Permitting

Goal: Require private property owners to inspect and repair sewer laterals, if required, when other major home improvements occur.

Components:

- Additional plumbing fixtures
- 50% Rule
- New addition to home
- Demolition / rebuild

Requirements	Description	Annual Costs
Administrative	One FTE	\$58,000
Public Outreach	Mailers, Billing Inserts, Social Media, Public Meetings	\$20,000
	Total Estimated Annual Costs	\$78,000





Rebate

Goal: Incentivize property owners to inspect and repair or replace their private lateral by providing 50% rebate for the cost.

Components:

- Requires Inspection by PCU-Prequalified Plumber or Contractor
- Estimated to address 150 – 250 homes annually

Requirements	Description	Annual Costs
Inspection	\$350 Max per Property	\$100,000
Replacement	50% up to \$3500 per Property	\$700,000
Administrative	One FTE	\$58,000
Public Outreach	Mailers, Billing Inserts, Social Media, Public Meetings	\$20,000
	Total Estimated Annual Cost	\$878,000





Private System

Goal: Reducing operational risks and minimizing new private systems to reduce I&I from entering PCU's wastewater collection system.

Components:

- System-wide inventory of private systems
- Permitting, inspection, operation, and management including enforcement
- O&M performance standards and SSO Response Plans
- Public Outreach



Requirements	Description	Start Up Costs	Annual Costs
Administrative	Four New Management and Inspection Staff	N/A	\$464,000
Inventory	Private System Inventory and Characterization	\$300,000	N/A
Public Outreach	Billing inserts, mailers, public meetings, neighborhood meetings, social media	\$50,000	\$20,000
Total Estimated Costs		\$350,000	\$484,000

Thank You

