

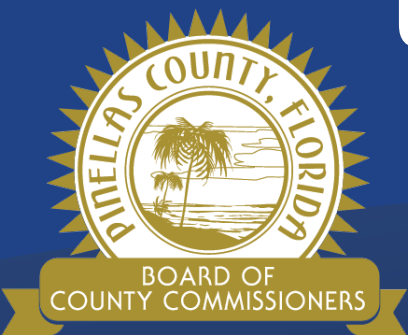
# Private Sewer Lateral Policy



## Utilities Department

Megan Ross, Director of Utilities

February 22, 2022

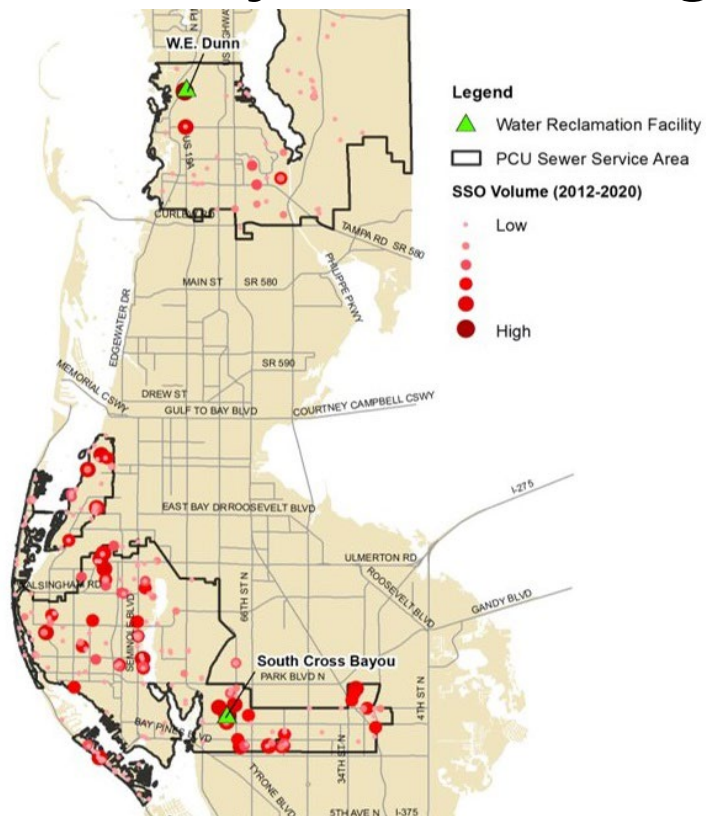


**Our Vision: To Be the Standard for Public Service in America**



# Reduction of Sanitary Sewer Overflows (SSO)

## Two Key Issues Driving Private Sewer Policies:



1 Recurring SSO Hot Spots

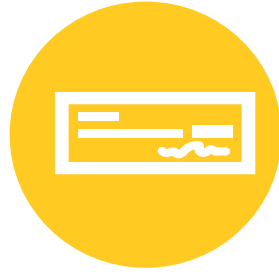
2 South Cross Bayou Consent Order

# 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



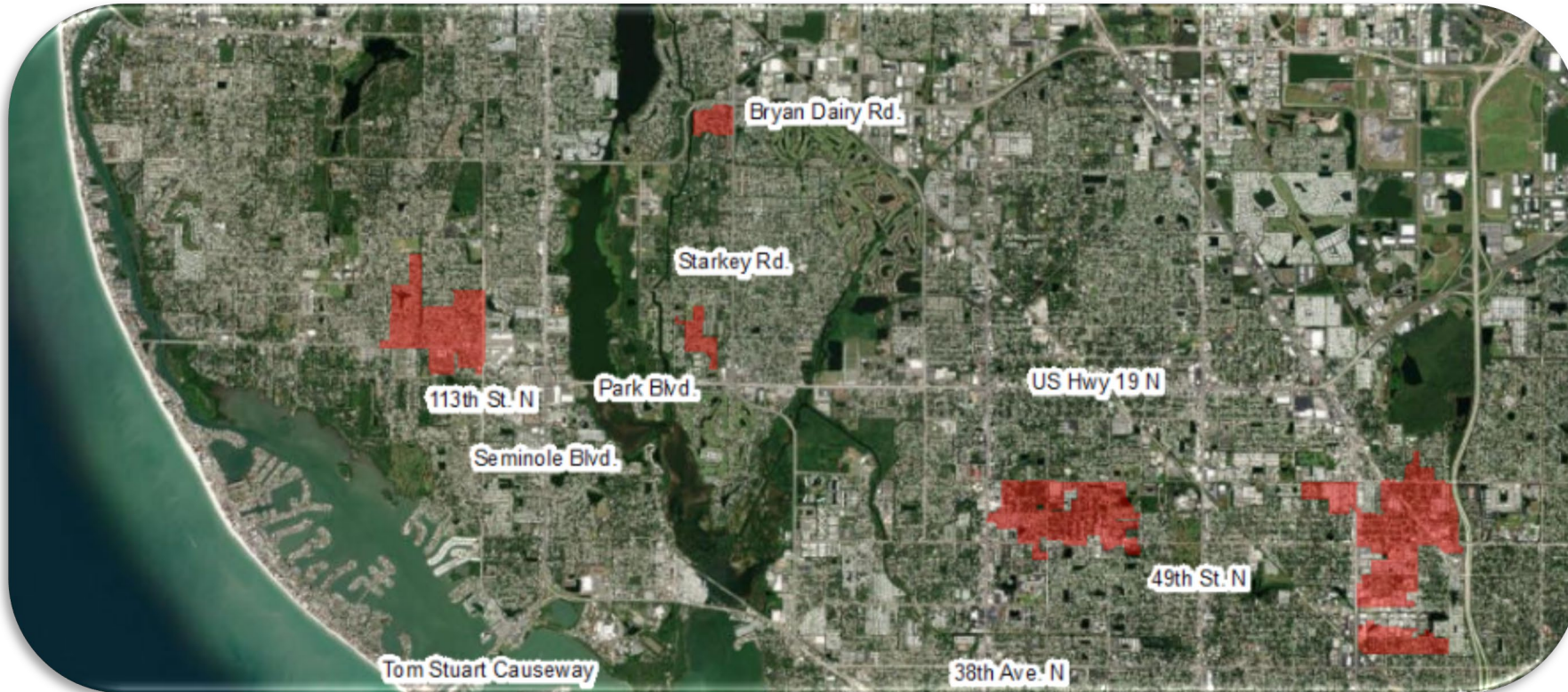
## Private Systems

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



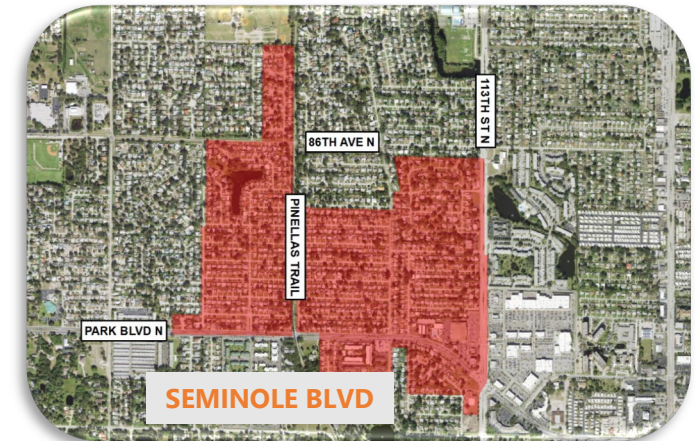
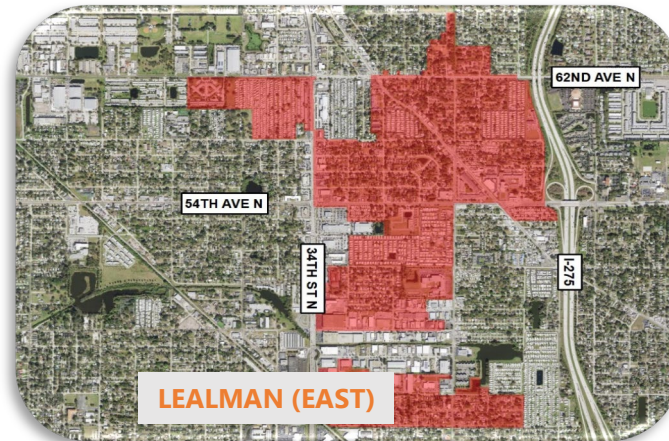
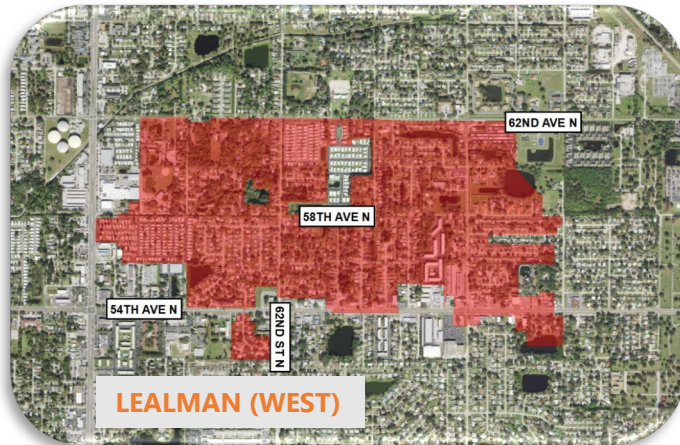


# Find and Fix

## 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
<b>Total Estimated Annual Cost</b>		<b>\$5,058,000</b>





# 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
	<b>Total Estimated Annual Costs</b>	<b>\$78,000</b>





# 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
	<b>Total Estimated Annual Cost</b>	<b>\$878,000</b>





# 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
<b>Total Estimated Costs</b>		<b>\$350,000</b>	<b>\$484,000</b>



# Thank You

