



Pinellas County

Surface Water Assessment Update

February 29, 2024



Agenda

1. Program History
2. Level of Service & Accomplishments
3. Financial Planning
4. Major Drainage Survey

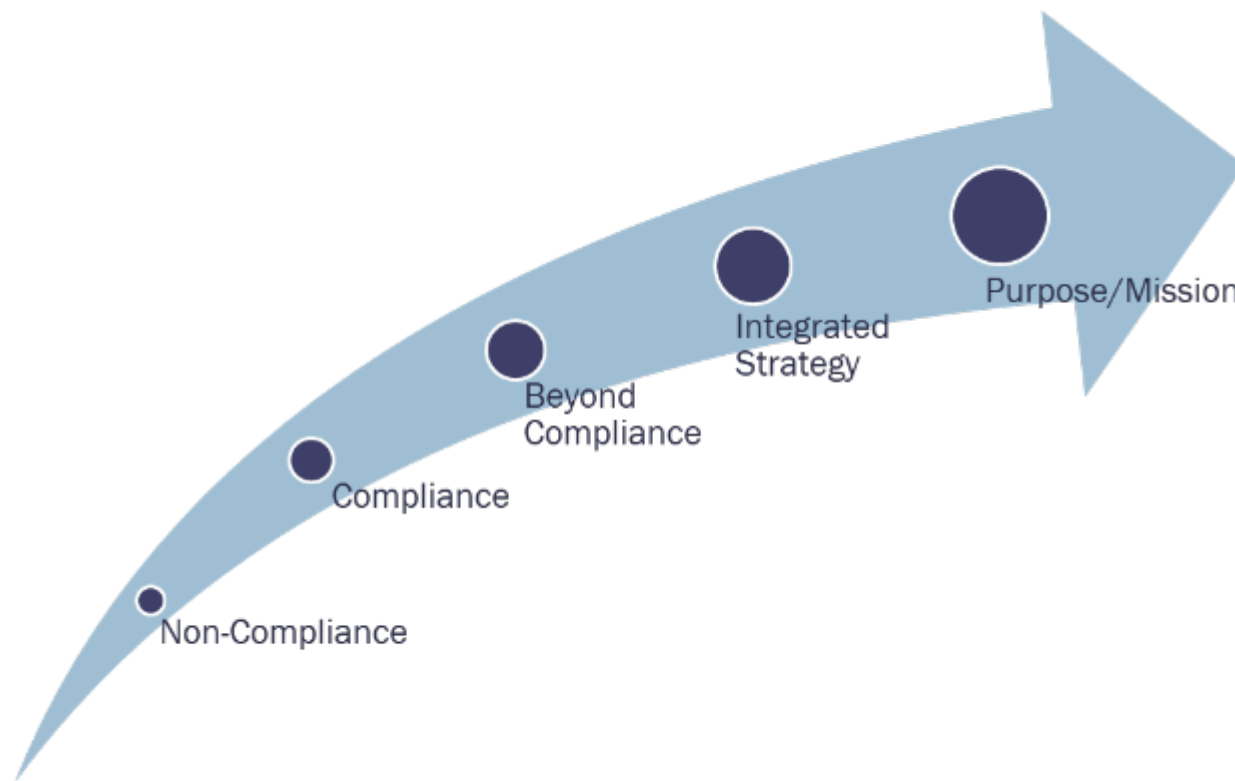
Program History

2011 – 2013 Comprehensive Surface Water Management Initiative

- Understand Existing Level of Service (LOS)
- Identifying Program Gaps
- Opportunities for Improvement
- Developing Goal-Based LOS Alternatives and Associated Costs
- Develop rate structure to support adopted LOS

Surface Water Assessment

- Adopted in FY14
- Program achieved approved LOS since inception and surpassed in some areas
- Efficiencies have been achieved to maximize ROI
- Grant funding has offset expenditures in some areas
- Current fund forecast is not sustainable





Surface Water Program Level of Service

Level of Service	Program Management	NPDES Permit Non-O&M Compliance	NPDES Permit O&M Compliance
A	Comprehensive Planning + Full Implementation Capabilities	Exemplary Permit Compliance	Fully Preventative/100% Routine
B	Pro-Active Planning + Systematic CIP Implementation Capabilities	Pro-Active Permit Compliance	Mixture of Routine and Inspection Based
C	Priority Planning + Partial CIP Implementation Capabilities	Minimal Permit Compliance	Inspection Based
D	Reactionary Planning + Minimal CIP Implementation Capabilities	Below Minimum Permit Compliance	Responsive Only (Complaint-based)
F	No Planning + No CIP Implementation Capabilities	Non-Compliance	Less than full response to all complaints

2013
Adopted
LOS C+/B-



Focus Areas & Key Accomplishments Since 2014

Program Management Current LOS

B

✓	Watershed Planning
✓	Stormwater Technical Committee
✓	Comprehensive Plan/Land Development Code
✓	Stormwater Manual
✓	Fertilizer & Landscape Ordinance
✓	CRS Rating Class 2
✓	Asset Management Plan
✓	APWA Accreditation

NPDES Non-O&M Compliance Current LOS

B

✓	Floodplain Management
✓	Program for Public Information
✓	Water Quality Monitoring
✓	Impaired Waters Restoration Plans
✓	Reasonable Assurance Plans
✓	Adopt-A-Pond
✓	Resilient Pinellas Plan
✓	Flood Resiliency Tool

NPDES O&M Compliance Current LOS

C+/B-

✓	Inspections & Maintenance of Permitted Facilities
✓	Proactive Maintenance on Closed & Open Systems
✓	Replaced Failed Corrugated Metal Pipe
✓	Increased Street Sweeping
✓	Fertilizer & Landscape Ordinance
✓	GIS-based Asset Inventory
✓	Work Order Management System



Financial Planning Observations & Considerations

Background

- Fee adopted in 2013 at \$116 with an increase of 1.5% (\$117.74) in FY 2018 and 3% in FY 2024. Current fee is \$121.27.
- Provides funding for personnel, operations/maintenance, and minor capital outlay.

Observations

- Revenue generated by fee has not kept up with increasing costs.
- \$21.8M estimated revenue in FY24 will not fully fund expenses of \$24M.

Key Issues

- Expenses are increasing due to inflation, personnel, fuel/supply escalated costs.
- Aging infrastructure is priority to address resiliency of system.
- Water quality compliance is an on-going and pressing issue.



Financial Management Plan

Fund cash flow needs now and into the future

- Salaries/benefits
- Operating supplies and equipment
- System maintenance and repairs
- Permit compliance
- Planning and customer service

Maintain adequate cash reserves for emergency with a minimum 2 months of O&M

No growth anticipated with Equivalent Residential Units remaining constant

10 Year Expenditure Forecast



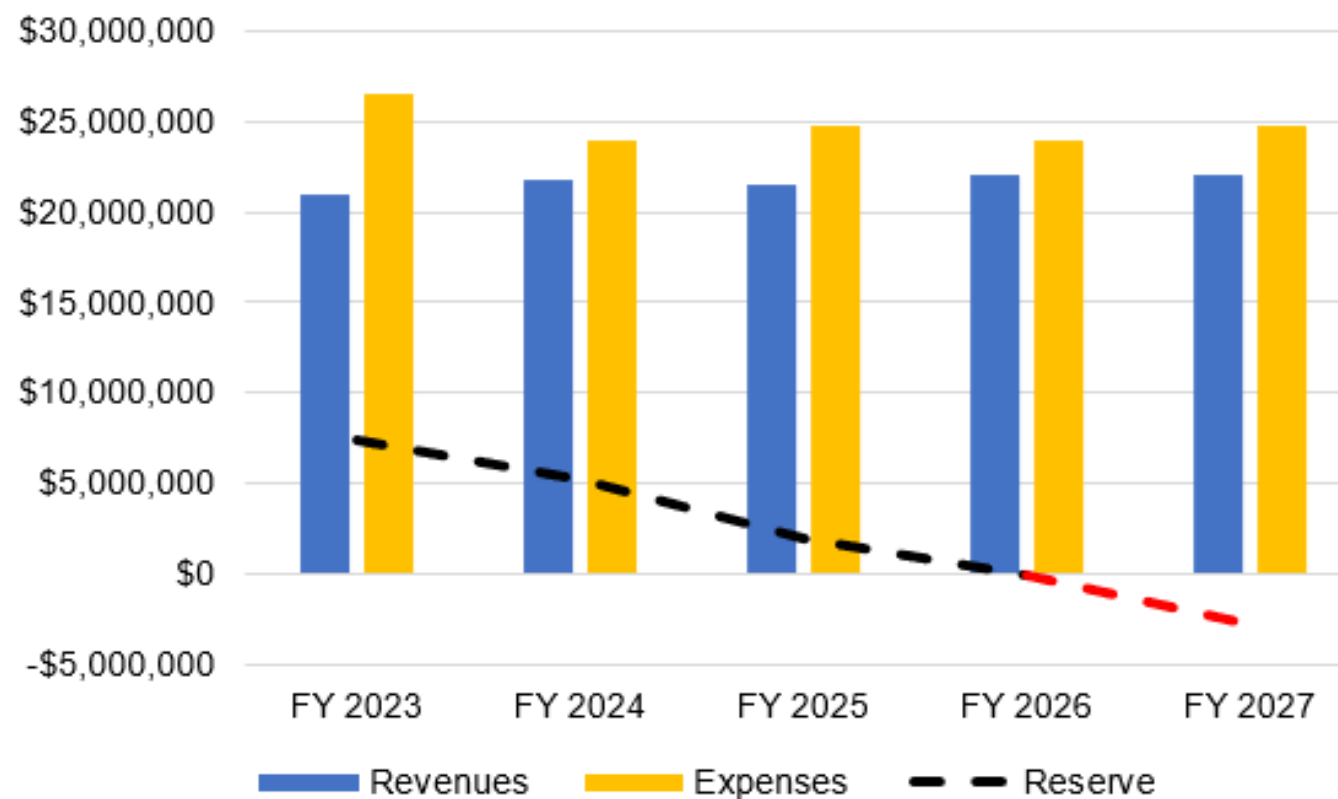
37%
Personnel

**58% Operations
& Maintenance**

**5% Minor
Capital
Repairs**



Expenses Exceeding Revenues



- Revenues include 3% rate increase annually up to maximum \$128.66 in FY26 (Resolution 17-63).
- Average annual difference between revenues and expenses is approximately to \$3M.



Alternative Annual Rate Adjustments with Supplemental Funding

4-Year Plan					Future Projections	
Alternative	FY 25	FY 26	FY 27	FY 28	FY 29 – FY 33	Estimated Payback
#1	12%	4%	4%	4%	4%	
Borrowing	-	-	-	-	-	NA
#2	9%	6%	4%	4%	4%	
Borrowing	\$500K	\$100K	-	-	-	FY 29
#3	9%	4%	4%	4%	4%	
Borrowing	\$500K	\$500K	\$450K	\$300K	-	FY 33
#4	4%	4%	4%	4%	4%	
Borrowing	\$1.5M	\$1.6M	\$1.5M	\$1.4M	\$3.7M	Likely Never
#5	5%	5%	5%	5%	5%	
Borrowing	\$1.3M	\$1.2M	\$850K	\$500K	-	FY 33



Medium Home Bill Impacts

	FY 24 (Existing)	FY 25 (Proposed)	FY 26 (Proposed)	FY 27 (Proposed)	FY 28 (Proposed)
Alternative #1		12%	4%	4%	4%
	\$121.27	\$135.82	\$141.25	\$146.90	\$152.78
Annual Increase		\$14.55	\$5.43	\$5.65	\$5.88

Alternative #2		9%	6%	4%	4%
	\$121.27	\$132.18	\$140.11	\$145.71	\$151.54
Annual Increase		\$10.91	\$7.93	\$5.60	\$5.83

Alternative #3		9%	4%	4%	4%
	\$121.27	\$132.18	\$137.47	\$142.97	\$148.69
Annual Increase		\$10.91	\$5.29	\$5.50	\$5.72

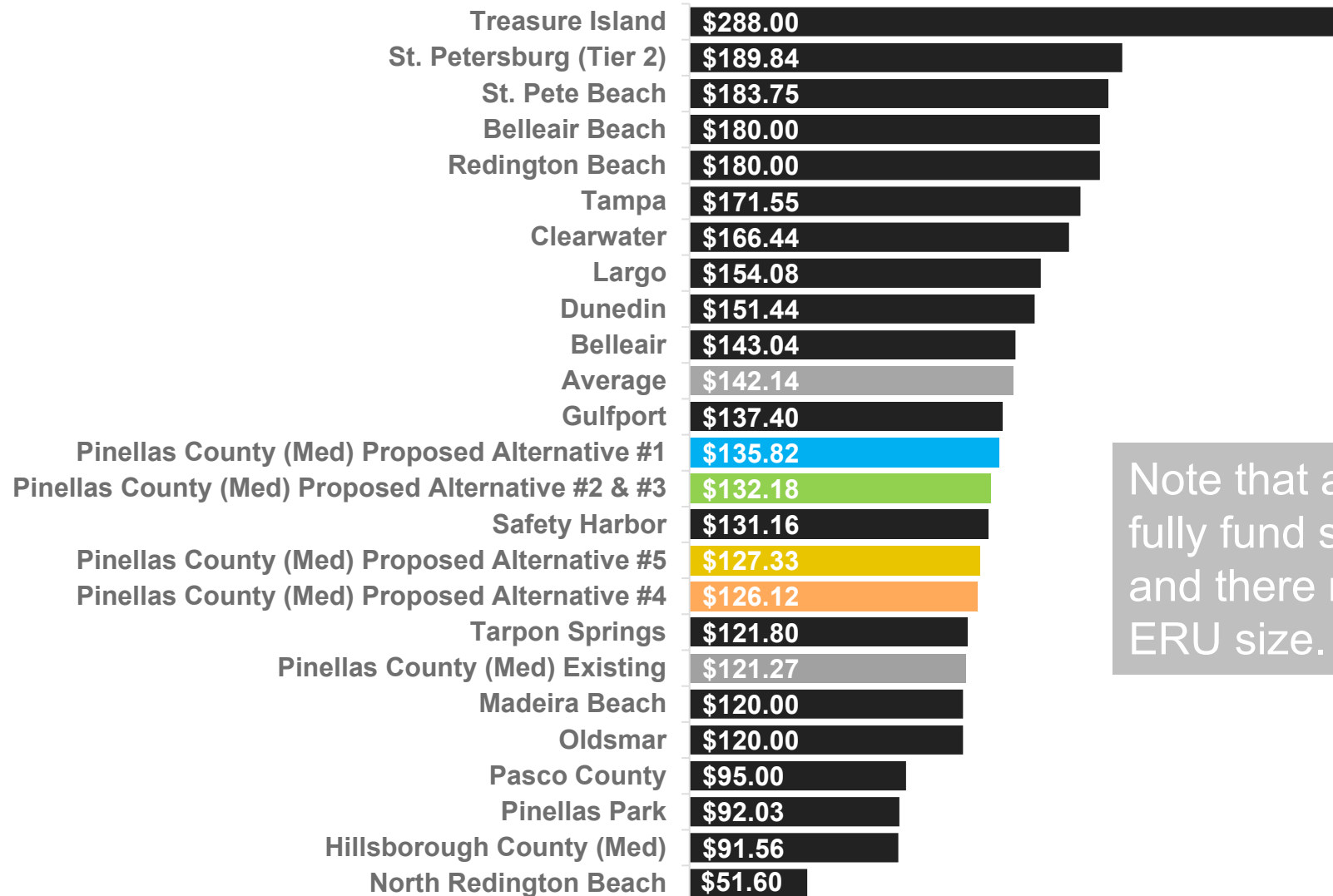
Alternative #4		4%	4%	4%	4%
	\$121.27	\$126.12	\$131.16	\$136.41	\$141.87
Annual Increase		\$4.85	\$5.04	\$5.25	\$5.46

Alternative #5		5%	5%	5%	5%
Annual Change	\$121.27	\$127.33	\$133.70	\$140.39	\$147.41
		\$6.06	\$6.37	\$6.69	\$7.02

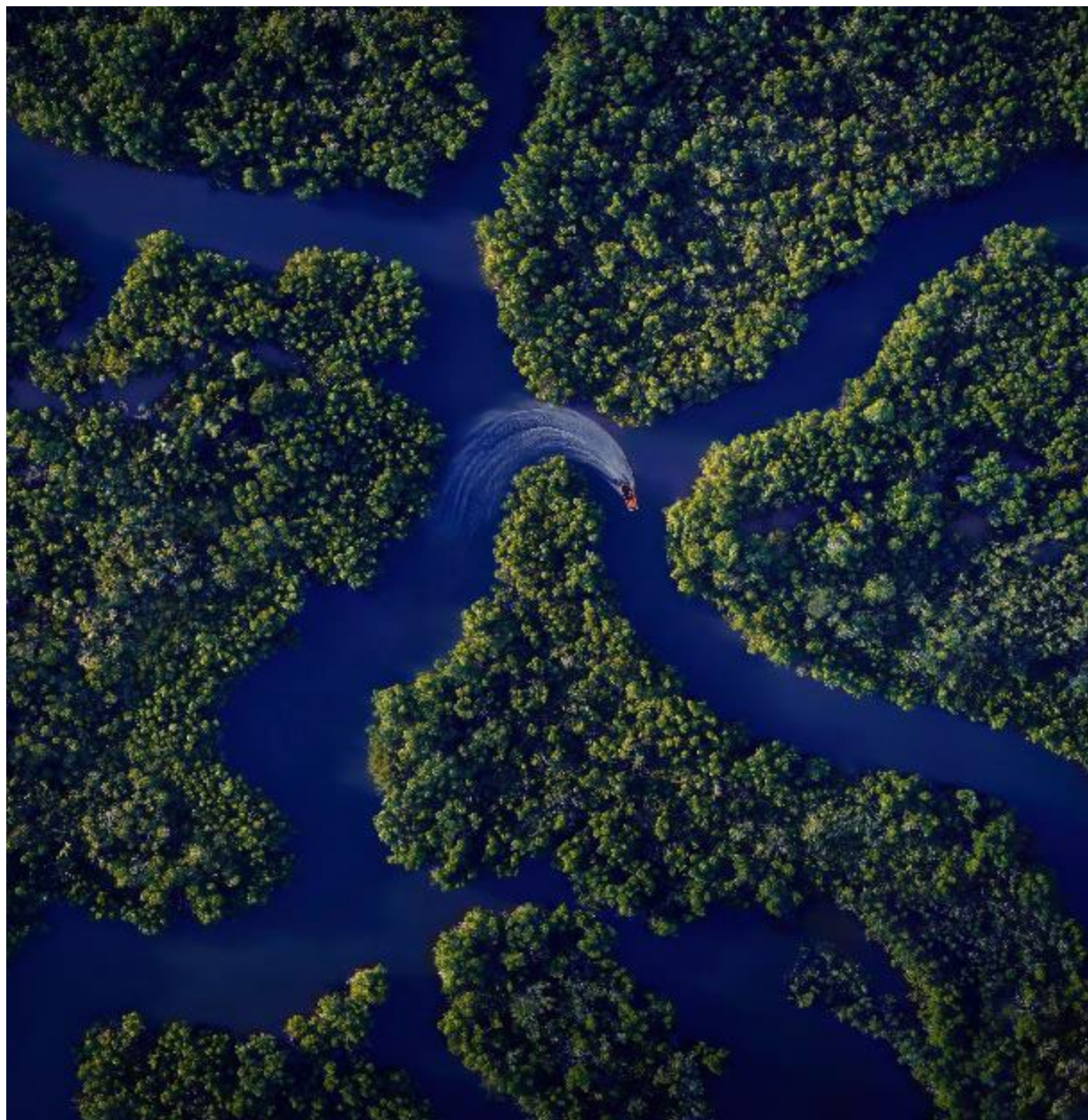
Medium Home
range is 1,576
– 4,367 square
feet,
approximately
60,019 parcels



Annual Medium Home Comparison

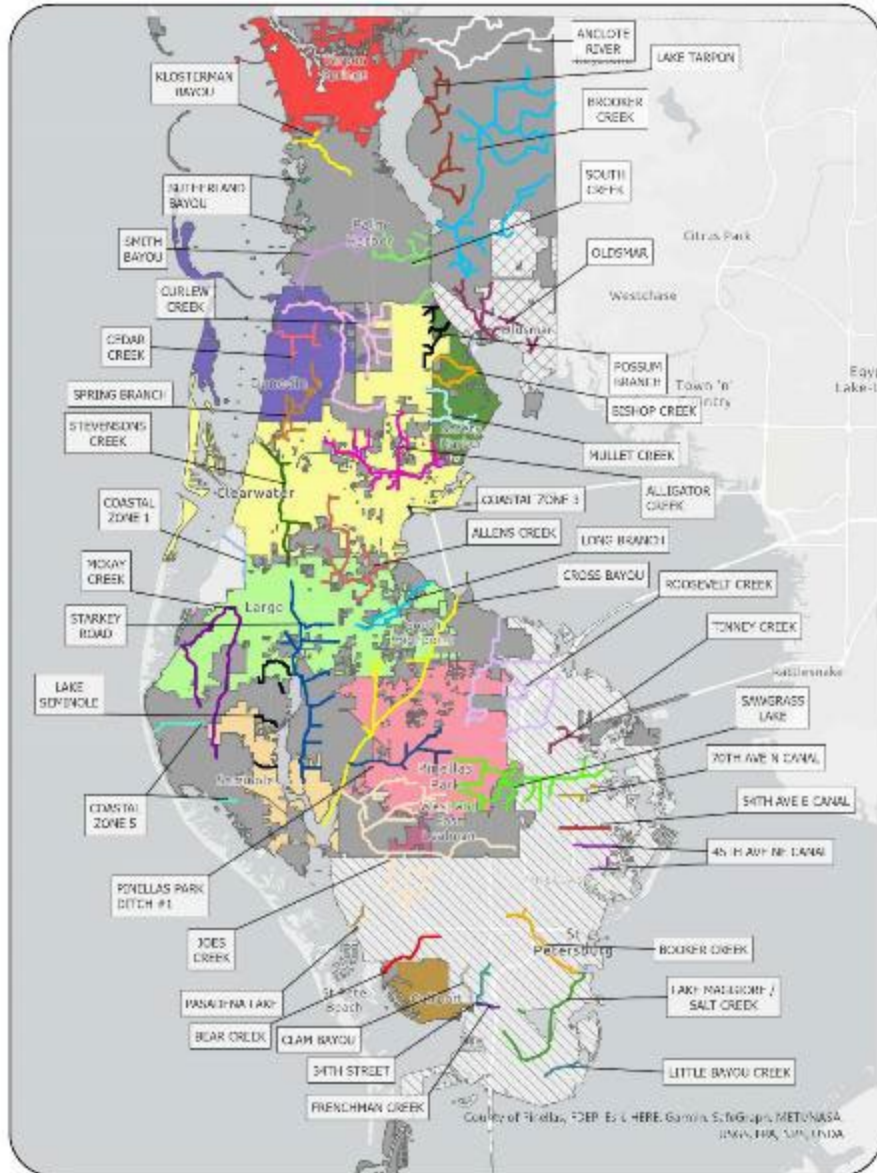


Note that all communities do not fully fund stormwater with the fee and there many differences in ERU size.



Key Observations & Guidance

- Current revenue level not sustainable.
- Significant rate adjustment needed near term to catch up with increasing costs.
- Annual 4% indexing to address future inflationary pressure.
- Update financial plan annually to account for changes in expenses.
- Comparable rate to peer communities.



Major Drainage System

- Exploring interest to collaborate
- Efficiencies may be gained by coordinating maintenance
- Survey in-progress
- ID current Level of Service
 - Maintenance activities
 - Frequency
 - Cost



Questions ?

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