

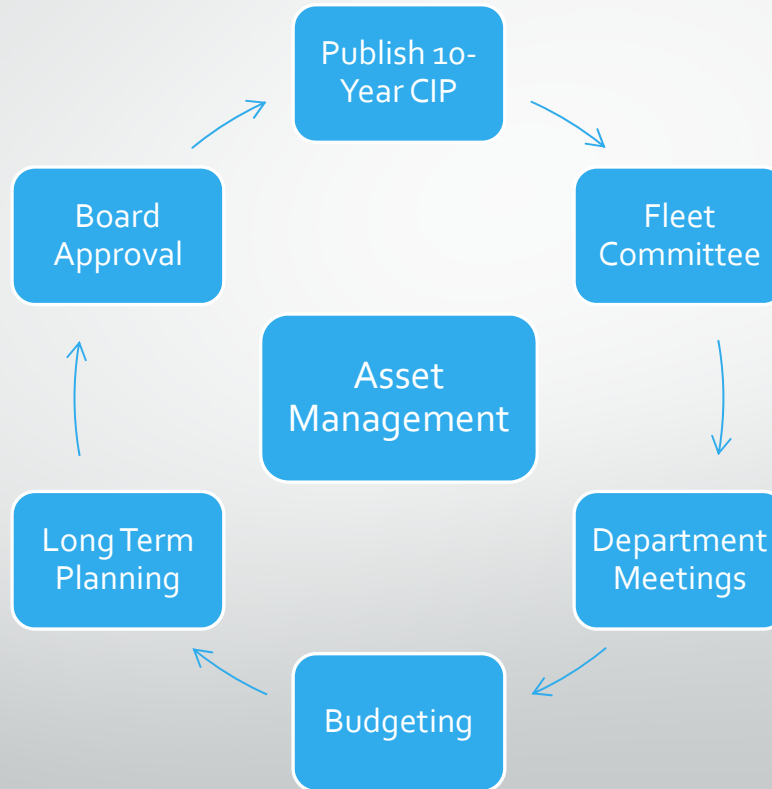


Proposed 10-Year Capital Improvement Plan FY 21/22 – FY 30/31

NapaSan Board of Directors Meeting
May 19, 2021

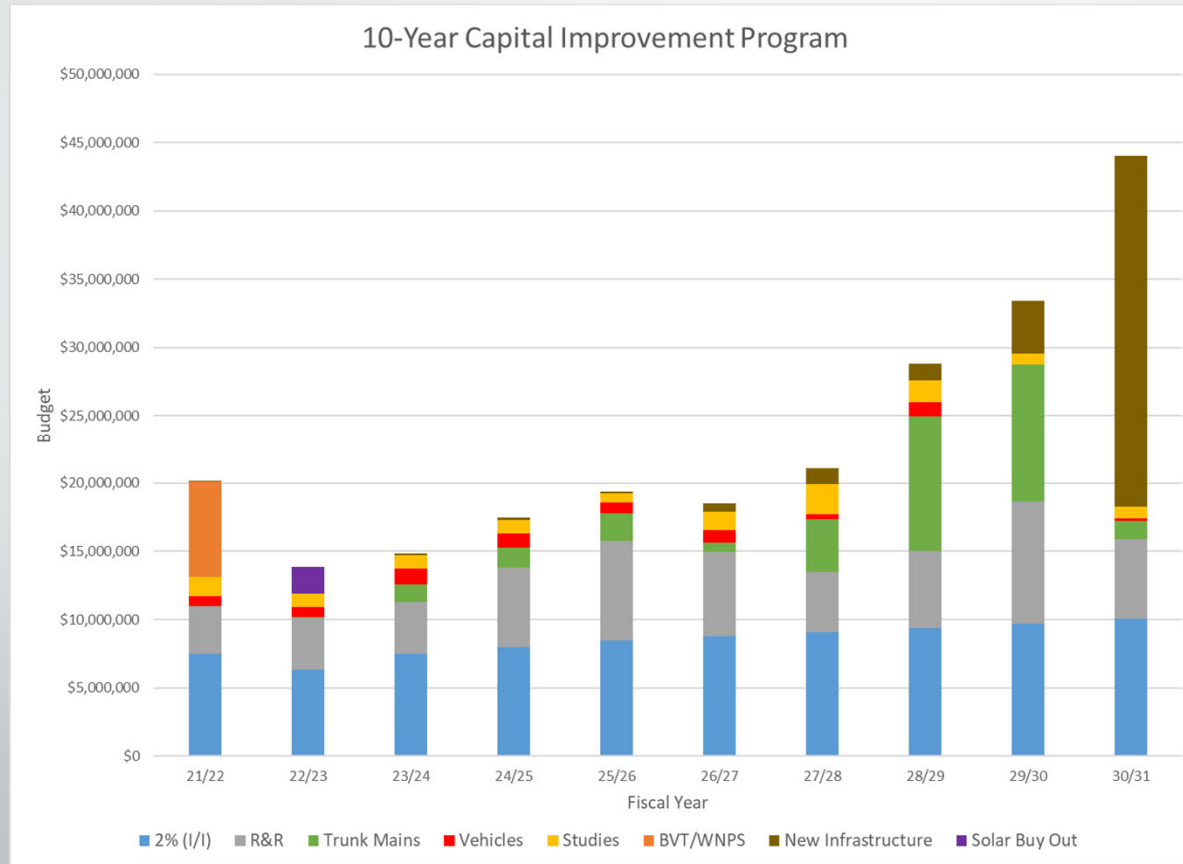


Year-Round Capital Planning Process





10-Year CIP Overview



Completed Projects 20/21

- Major projects - Collections Department
 - 2020 Collection System Rehabilitation Project (2% of the system)



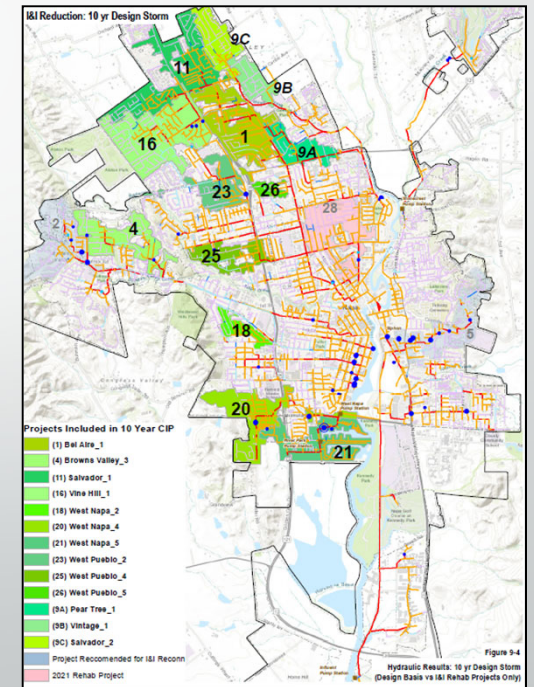
NapaSan Board of Directors Meeting – May 19, 2021





Completed Projects 20/21

- Major projects - Collections Department
 - 2021 Collection System Master Plan





Completed Projects 20/21

- Major projects - Collections Department
 - 2019 Manhole Rehabilitation Project
 - 2020 Manhole Adjustment Project, Phase X





Completed Projects 20/21

- Major projects – Treatment Plant
 - Primary Clarifier and DAF Clarifier Rehabilitation





Completed Projects 20/21

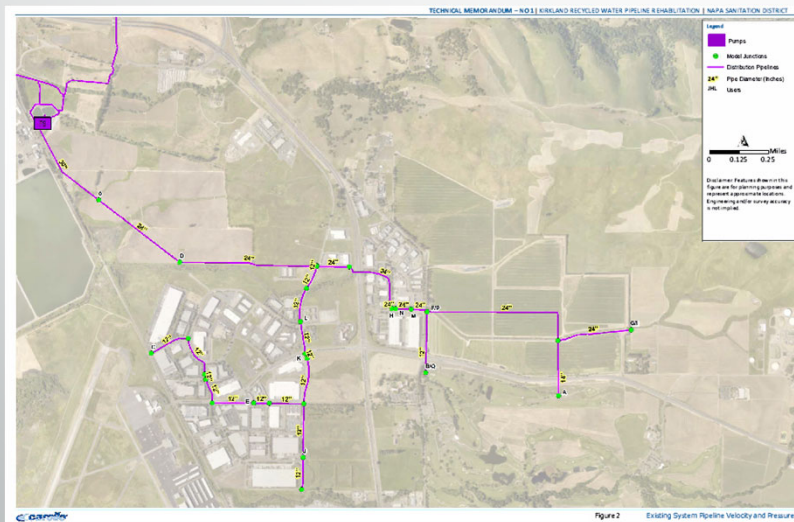
- Major projects – Treatment Plant
 - Pond Biosolids Removal and Reuse Project





Completed Projects 20/21

- Major projects – Recycled Water
 - Kirkland Recycled Water Pipeline Condition Assessment (Phase 1)





Continuing Projects

- Major projects continuing from FY 20/21
 - Browns Valley Trunk & West Napa Pump Station
 - 66" Trunk Main Rehabilitation (constr.)
 - 2021 Collection System Rehabilitation (constr.)
 - Pond Levee Repair (constr.)
 - 2021 Treatment Plant Improvements (constr.)
 - Treatment Plant Master Plan
 - 2022 Collection System Rehabilitation (design)
 - Cityworks Implementation
 - North Napa Siphon Gate Replacement
 - SCADA Design and Implementation



Ongoing Projects

- Annual Efforts
 - I/I Reduction Program
 - Manhole Raising
 - Mainline Repairs
 - Lateral Rehabilitation
 - Cleanout Installation
 - Development Technical Support



New Projects for FY 21/22

Collection System

- 2023 Collection System Rehabilitation*
- Upper Lateral Pilot #5*
- Vacuum truck replacement
- Repair truck replacement
- River Park Pump Station Study*

Treatment Plant

- Belt Press Augers
- Roof Replacements
- Secondary Effluent Pump Rebuild
- SCADA Alarm Evaluation and Programming

Treatment Plant Structures

- 2023 Treatment Plant Improvements*
- Site Paving*

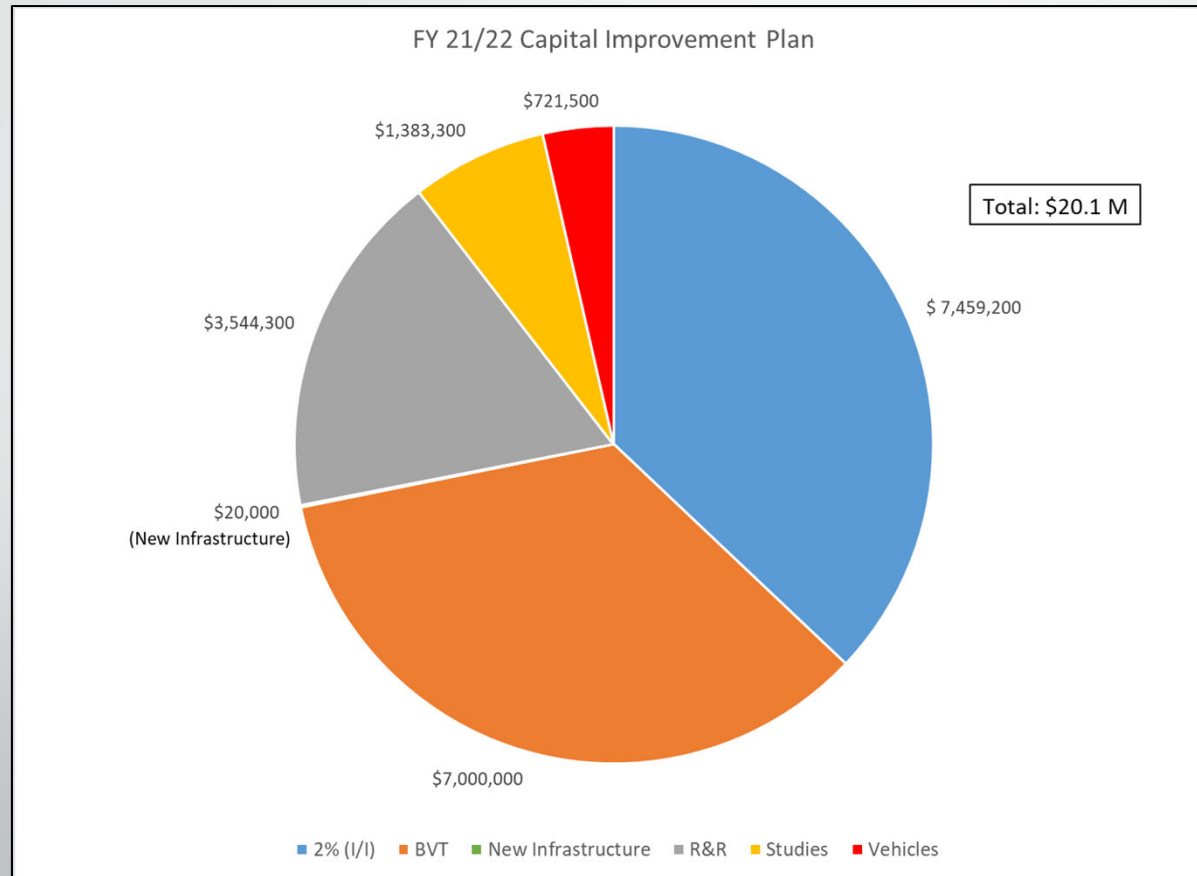
Recycled Water

- Truck Fill Station Electronic Dispensing Unit
- Meter Reading Software Upgrade

*Preliminary planning phase



New Projects for FY 21/22





Debt Summary

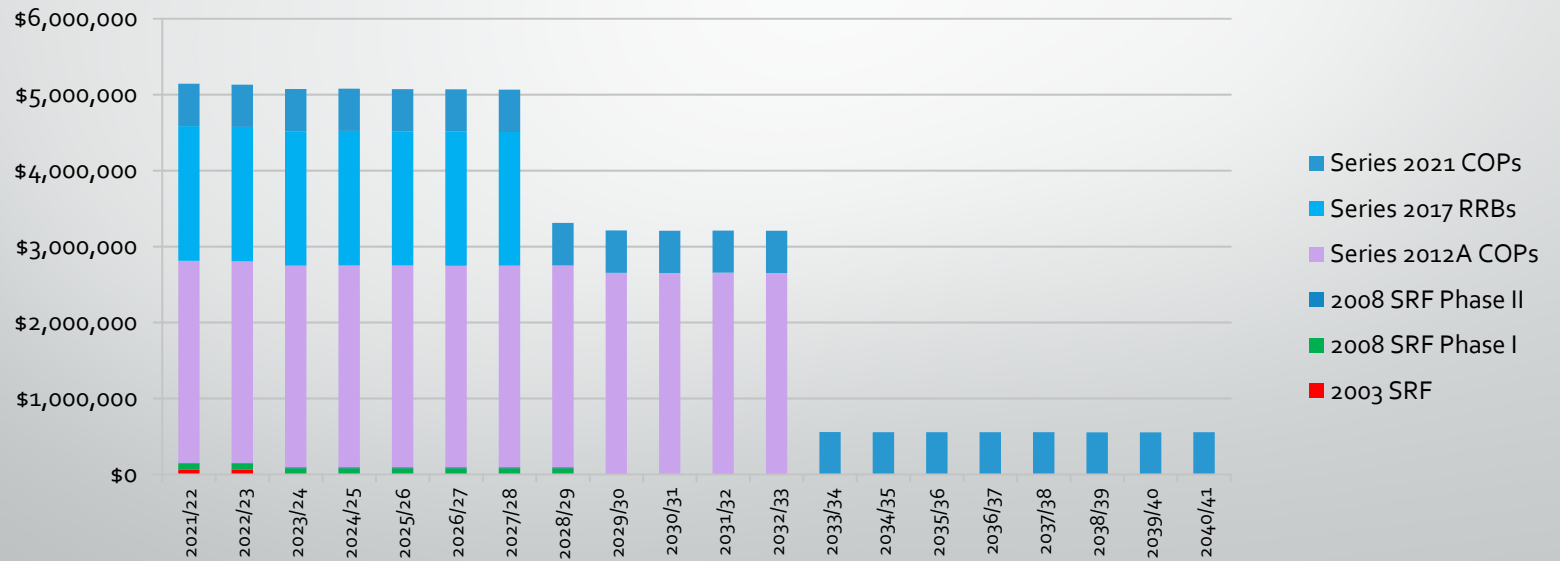
- Six Outstanding Debt Obligations

	Original Debt <u>Amount</u>	6/30/21 <u>Balance</u>	FY 21/22 <u>Payment</u>
2003 SRF	\$901,376	\$116,121	\$60,247
2008 SRF Ph. 1	\$1,376,804	\$689,581	\$82,609
2008 SRF Ph. 2	\$182,869	\$80,911	\$10,972
2012A COPs	\$37,845,000	\$26,170,000	\$2,657,575
2017 RRB	\$14,185,000	\$10,550,000	\$1,774,500
2021 COPs	\$8,560,000	\$8,560,000	\$556,588



Debt Summary

- Six Outstanding Debt Obligations





Debt Summary

- Anticipated Debt Issuance
 - FY 2028/29 – 66-in Trunk Rehab (Imola to Kaiser)





Debt Summary

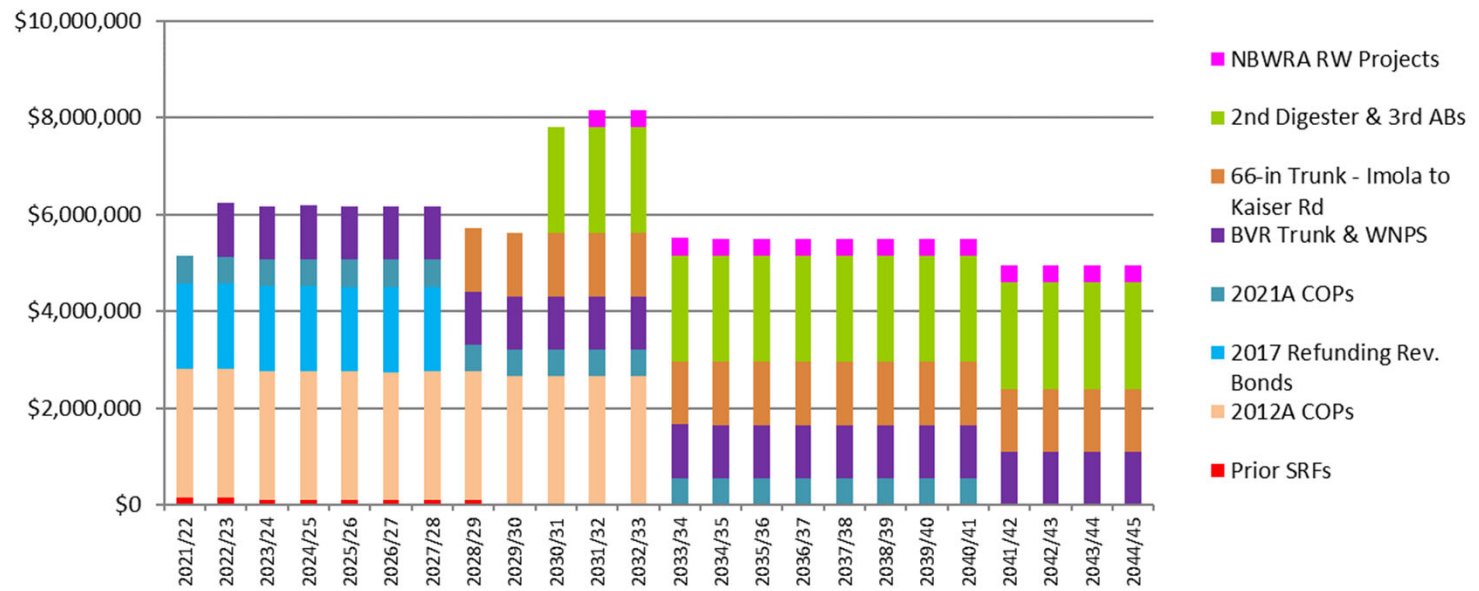
- Anticipated Debt Issuance
 - FY 2030/31 – Second Digester & Third ABs





Debt Summary

• Projected Debt Service



Questions?

