

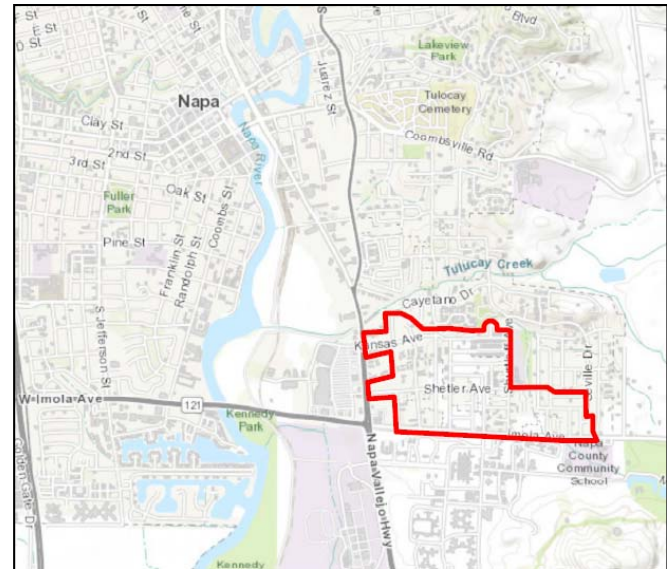


Proposed 10-Year Capital Improvement Plan FY 20/21 – FY 29/30

NapaSan Board of Directors Meeting
May 20, 2020

Completed Projects 19/20

- Major projects - Collections Department
 - Southeast Napa Sewer and Roadway Rehabilitation (2.3% of the system)



Completed Projects 19/20

- Major projects – Treatment Plant
 - 2019 Treatment Plant Improvements



Completed Projects 19/20

- Major projects – Treatment Plant
 - Headworks Equipment Replacement



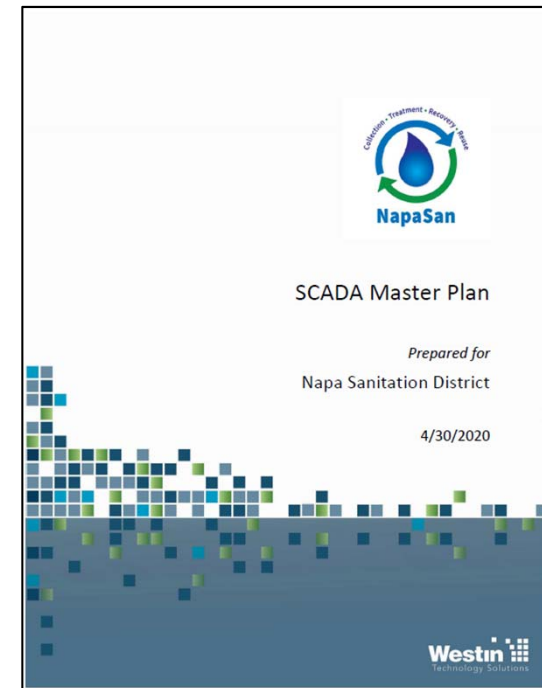
Completed Projects 19/20

- Major projects – Treatment Plant
 - Pond Transfer Structures (Pond 2 to Pond 3)



Completed Projects 19/20

- Major projects – Treatment Plant
 - SCADA Master Plan



Completed Projects 19/20

- Major projects – Recycled Water
 - MST Truck Fill Station





Continuing Projects

- Major projects continuing from FY 19/20
 - Browns Valley Trunk & West Napa Pump Station
 - 2020 Collection System Rehabilitation (constr.)
 - Pond 1 Dredge (constr.)
 - Primary Clarifier & DAFT Rehabilitation (constr.)
 - Collection System Master Plan
 - Treatment Plant Master Plan
 - Pond Levee Repair (design)
 - 2021 Collection System Rehabilitation (design)

Continuing Projects

- Major projects continuing from FY 19/20
 - 12kV Condition Assessment
 - Buried Metallic Pipe Condition Assessment
 - 66-inch Trunk Main Rehabilitation (design)
 - 2021 Treatment Plant Improvements (design)
 - Polymer Tank Replacement



Ongoing Projects

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

New Projects for FY 20/21

Collection System	Treatment Plant	Treatment Plant Structures	Recycled Water
<ul style="list-style-type: none">• 2022 Collection System Rehabilitation• Pickup-Mounted Camera System	<ul style="list-style-type: none">• Headworks Washer Compactor• Digester Roof Grating Replacement	<ul style="list-style-type: none">• 2021 Treatment Plant Improvements• Secondary Clarifier Mech/Struct Rehabilitation	<ul style="list-style-type: none">• Pump Rebuild• Water Trailer• Vehicle Replacement



Project Modifications in Year 1

Project	Budget Reduction
2021 Collection System Rehabilitation (2% to 1.5%)	\$763,700
Vehicle 206 – Telehandler Replacement	\$100,000
Vehicle 176 – Ford Escape Replacement	\$40,000
Total budget reduction in Year 1:	\$903,700



Project Modifications in Year 2

Project	Budget Reduction
I&I Smoke Testing	\$100,000
Upper Lateral Rehab – Pilot #5	\$189,300
Upper Lateral Rehab – Pilot #6	\$5,000
2021 Collection System Rehabilitation (2% to 1.5%)	\$1,290,400
2022 Collection System Rehabilitation (2% to 1.5%)	\$790,400
Vehicle 173 – Plugup Truck – Secondary Replacement	\$73,800
Vehicle 528 – Vacuum Truck Replacement	\$648,400
River Park Pump Station Improvements (Study)	\$75,000
Pond 1 Dredge	\$50,000
Roof Replacement – Filter Support	\$68,900
Electric Carts Replacement	\$45,900
Vehicle 158 – Ford F-250 Diesel Replacement	\$40,700
Vehicle 302 – Boat Replacement	\$24,000
Vehicle 513 – 10 Yard Dump Replacement	\$178,100
Lab Upgrade Project (Study)	\$25,000
Vehicle 171 – Ford F-350 Replacement	\$46,500
EV Charging Station	\$45,000
Vehicle 177 – Ford Escape Replacement	\$41,400
Total budget reduction in Year 2:	\$3,737,800



Project Modifications in Years 3-10

- \$2.5M budget reduction in Years 3-10
- Reduced budgets and/or delayed projects to accommodate the deferred projects from Years 1&2. Examples:
 - Kirkland Recycled Water Pipeline
 - Pond 1 Dredge
 - Trunk Main Rehabilitation Projects
- Total budget reduction in 10-Year CIP: \$7.2M

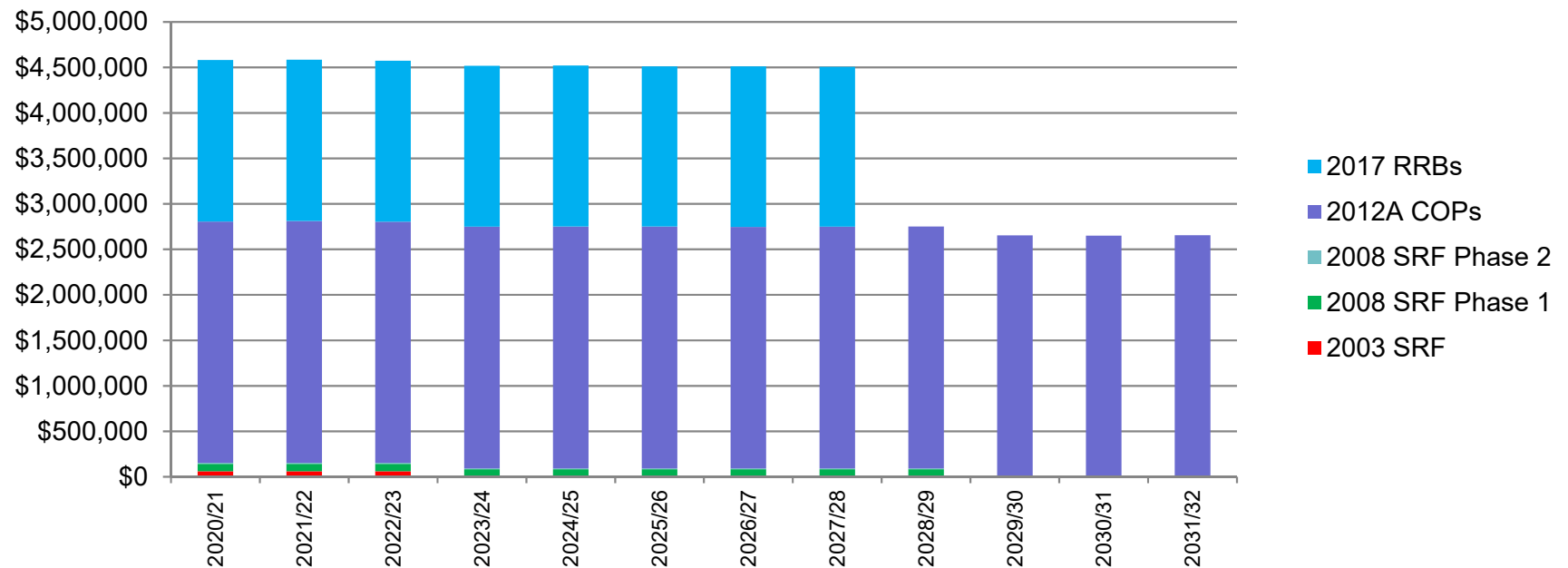
Debt Summary

- Four Outstanding Debt Obligations

	Original Debt <u>Amount</u>	6/30/20 <u>Balance</u>	FY 20/21 <u>Payment</u>
2003 SRF	\$901,376	\$172,065	\$60,247
2008 SRF-Ph. 1 & 2	\$1,559,673	\$768,836	\$93,581
2012A – COP	\$37,845,000	\$27,860,000	\$2,651,675
2017 RRB	\$14,185,000	\$11,830,000	\$1,776,700

Debt Summary

- Four Outstanding Debt Obligations



Debt Summary

- Anticipated Debt Issuance
 - FY 2020/21 – 66-in Trunk Rehab (Kaiser to IPS)



Debt Summary

- Anticipated Debt Issuance
 - FY 2024/25 – Second Digester & Third ABs



Debt Summary

- Anticipated Debt Issuance
 - FY 2027/28 – 66-in Trunk Rehab (Imola to Kaiser)



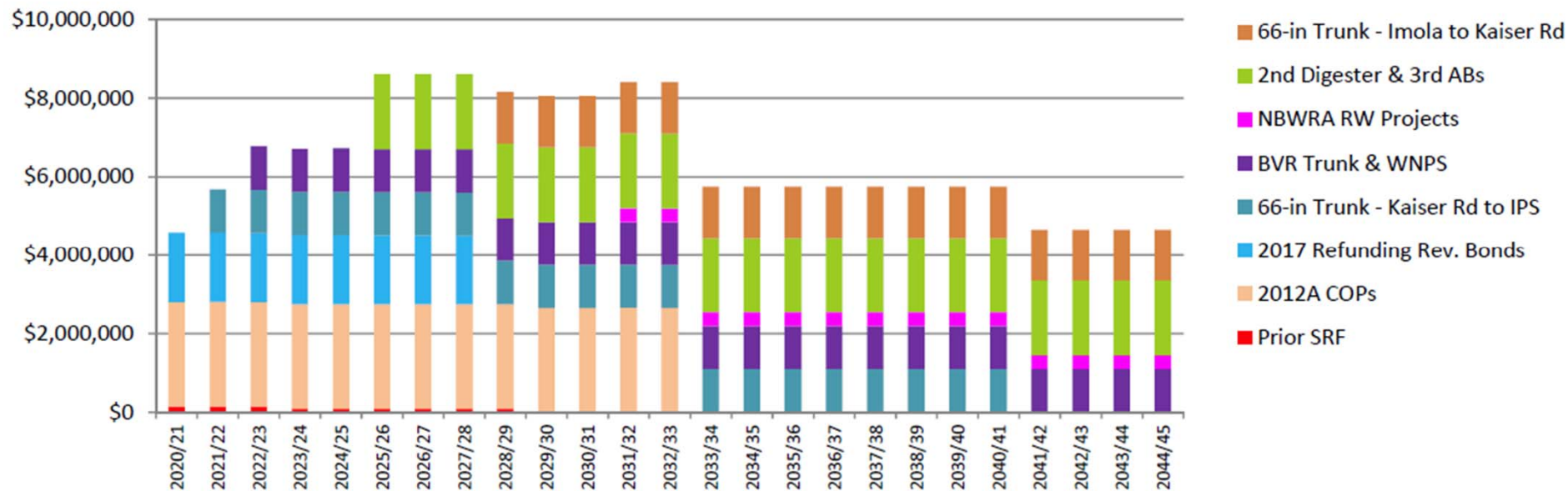
Debt Summary

- Anticipated Debt Issuance
 - FY 2030/31 – RW Expansion (NBWRA Projects)



Debt Summary

- Projected Debt Service



Questions?

