Proposed 10-Year Capital Improvement Plan FY 17/18 – FY 26/27

Napa Sanitation District

Board of Directors Meeting

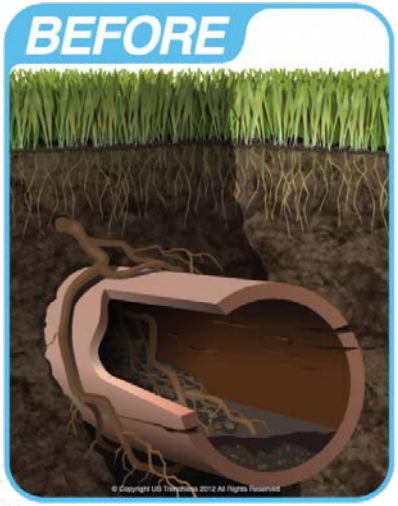
May 17, 2017

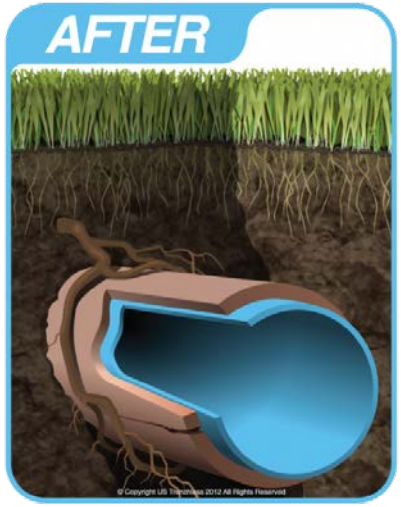
Current Projects

- Major projects completed in FY 16/17
  - Basin L I&I Project #5 – *construction*
  - Summer 2017 Sewer Rehab – *design*

Current Projects

- Major projects completed in FY 16/17
  - ACP Lining Project #2





Current Projects

- Major projects completed in FY 16/17
  - Sarco Creek Pipeline Replacement

Current Projects

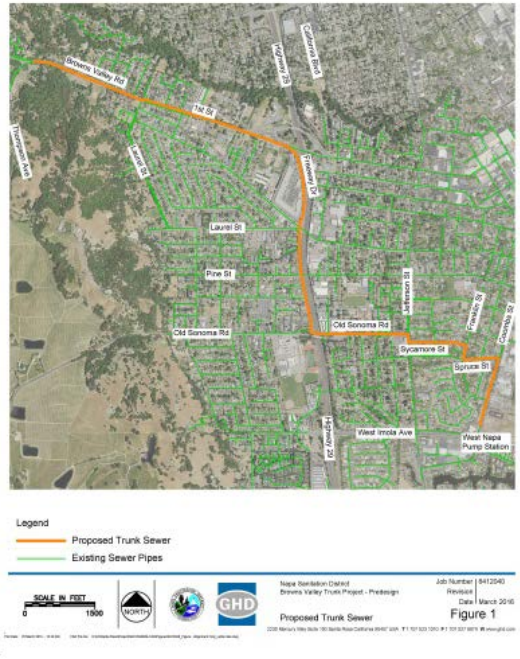
- Major projects completed in FY 16/17
  - Aeration Basin Diffusers, Instrumentation and Controls

Current Projects

- Major projects completed in FY 16/17
  - FOG Strain Press

Current Projects

- Major projects continuing from FY 16/17
  - Browns Valley Trunk Project
  - Recycled Water Reservoir Lining Project
  - MST RW Pipeline Extension Project

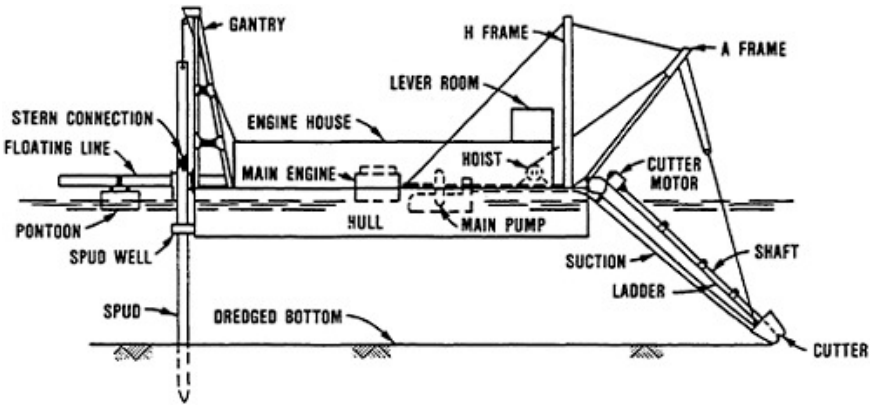


Collections

Ongoing Maintenance & Equipment	I&I Reduction Program	I&I Projects	Sewer Main Projects
• Mainlines, manholes, laterals, cleanouts • TV Truck Components	• Flow monitoring in FY 17/18 (weather permitting) and smoke testing • Upper Lateral Rehab Pilot #2 • Begin Upper Lateral Pilot #3	• Construct Summer 2017 Project • Design Summer 2018 Project • Manhole and Pipeline Rehab (Chloride reduction)	• Soscol/Sousa Project • Browns Valley Trunk & WNPS • AM Software

Treatment Plant

Construction	Equipment Replacements	Structures	Structures
• Design Pond 1 Dredge • 3W System	• Headworks Equipment • Rotork Actuators • Dual Fuel Boiler Burner	• Primary Influent Pipe-East Gallery • OPS Building HVAC and Lab Ventilation	• Roof Replacements • Digester Tower (earthquake)



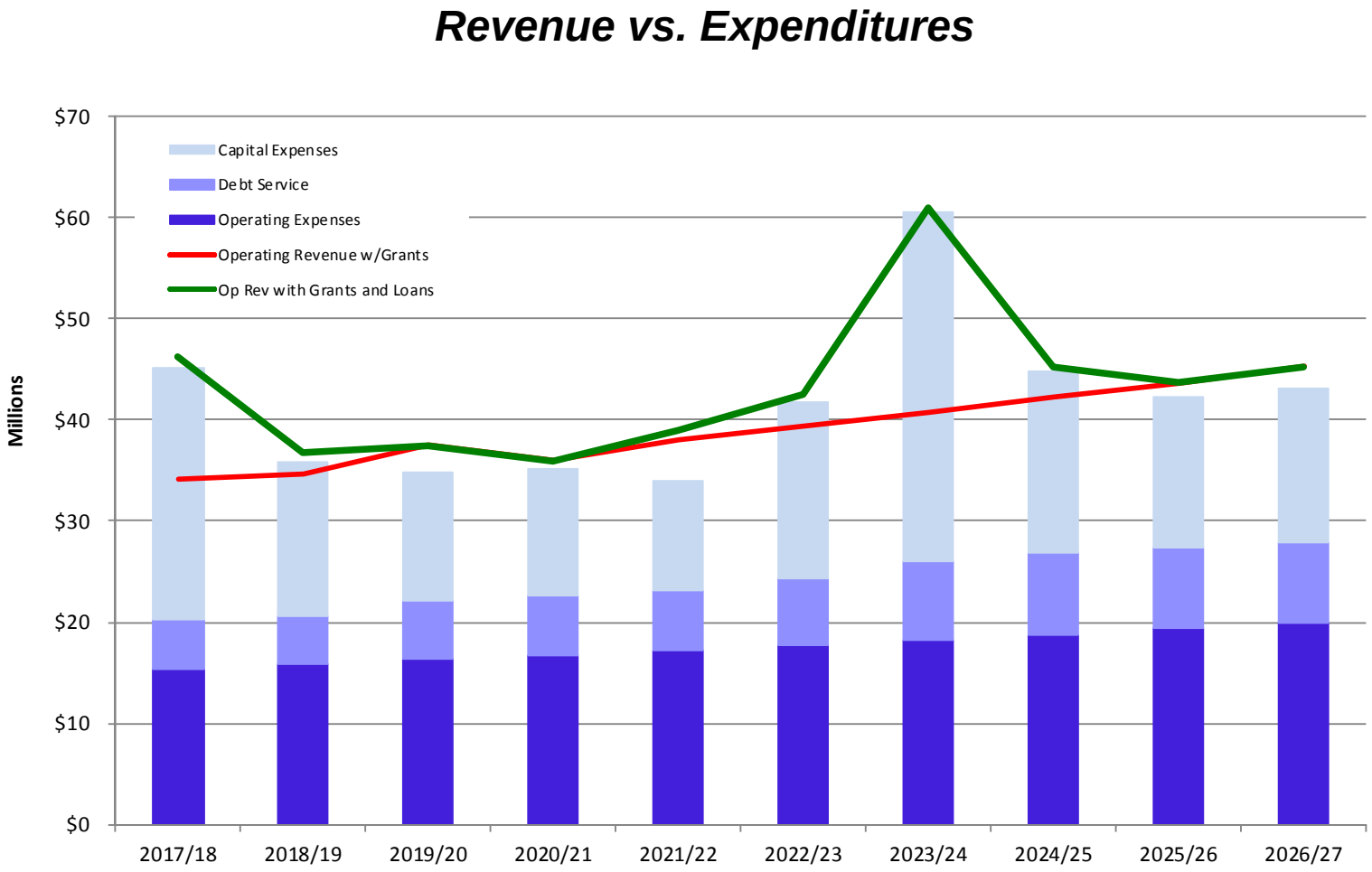
Recycling

- Construction
  - MST RW Line Extension
  - Coombsville Truck Fill Station
  - RW Reservoirs Lining
- Planning
  - NBWRA Phase 2

10-Year Financial Plan

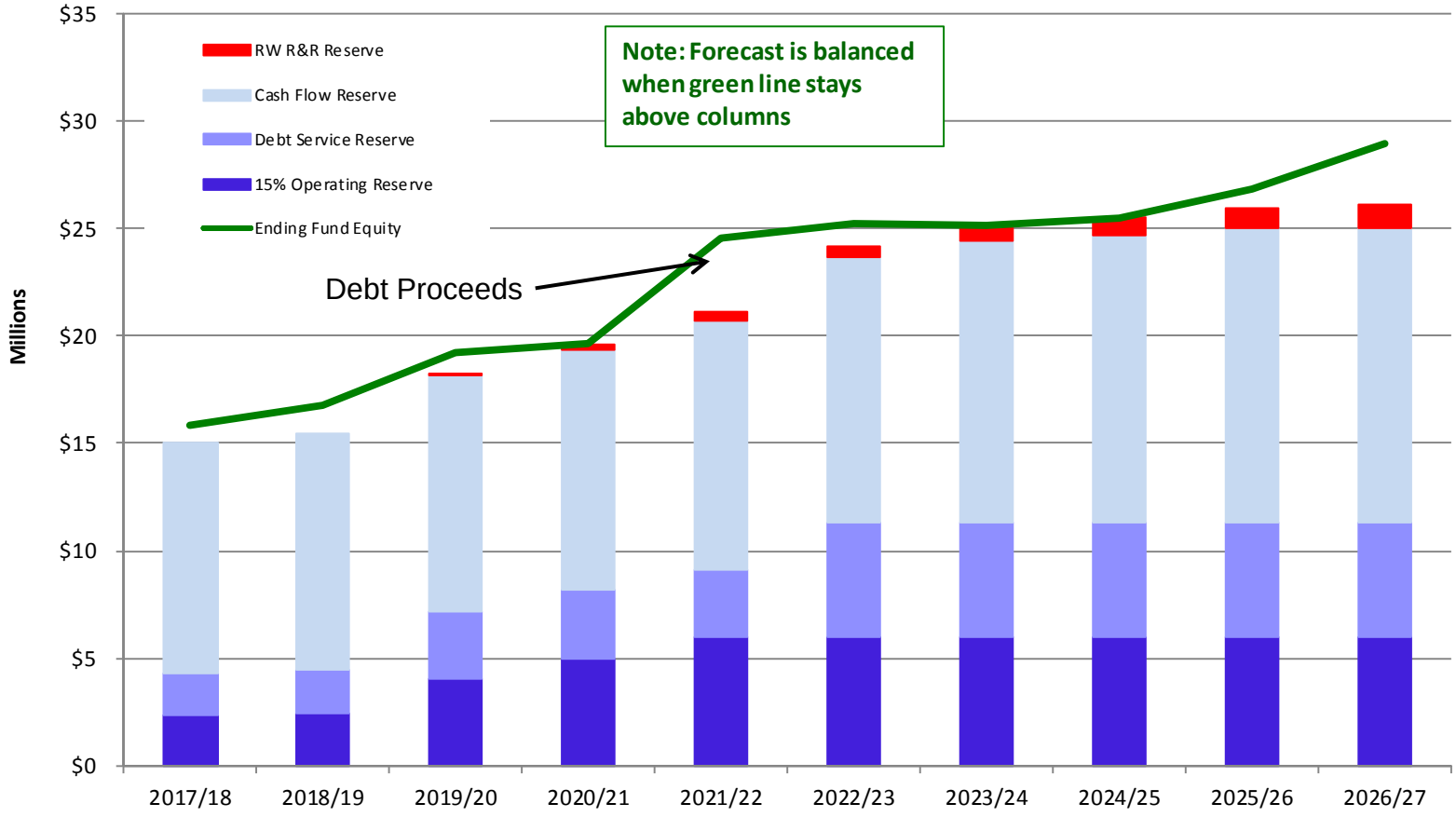
Pay-As-You-Go for Rehab & Replacement	$129,978,300 (73.7%)
Debt Financing for Expansion	$40,883,700 (23.2%) • Browns Valley Road SI & WNPS, Second Digester and Third ABs, Future RW Expansion (75%), RW Reservoir Lining (50%)
Paid for by Other Agencies	$5,352,500 (3.0%) • MST RW Pipelines Extension, Future RW Expansion (25%), Coombsville RW Truck Fill Station, RW Reservoir Lining (50%)

10-Year Financial Plan



10-Year Financial Plan

Ending Fund Equity Projections



Debt Summary

- Four Outstanding Debt Issues

	Original Debt Amount	Current Balance	Annual Payments
2003 SRF	$901,376	$331,845	$60,247
2008 SRF-Ph. 1 & 2	$1,559,673	$998,009	$93,581
2009B – COP	$26,675,000	$18,825,000	$1,961,254
2012A – COP	$37,845,000	$32,555,000	$2,658,875

Debt Summary

- Future Debt Issues
  - FY 2017/18 – BV Trunk and WNPS Improvements

Debt Summary

- Future Debt Issues
  - FY 2017/18 – RW Reservoir Lining

Debt Summary

- Future Debt Issues
  - FY 2021/22 – 2nd Digester & 3rd ABs

Debt Summary

- Future Debt Issues
  - FY 2022/23 – RW Expansion (NBWRA Projects)

Questions