Proposed 10-Year Capital Improvement Plan FY 16/17 – FY 25/26

Napa Sanitation District

Board of Directors Meeting

May 18, 2016

Current Projects

- Major projects completed in FY 15/16
  - New IPS Construction

Current Projects

- Major projects completed in FY 15/16
  - MST and LCWD RW Pipeline Construction

Current Projects

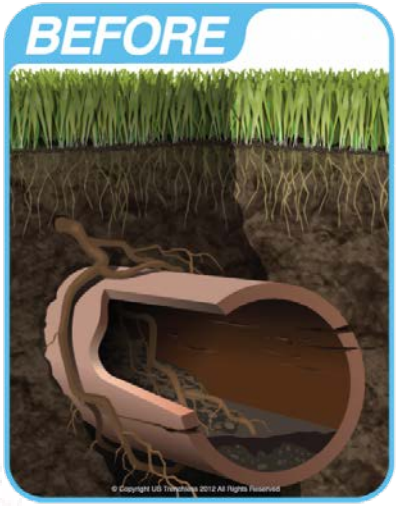
- Major projects completed in FY 15/16
  - Soscol RW Pump Station N/S Split Construction

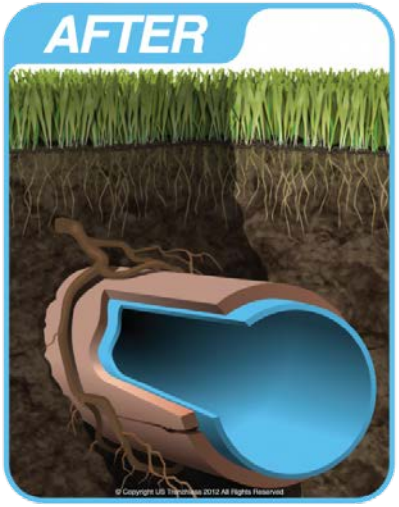
Current Projects

- Major projects completed in FY 15/16
  - Basin L I&I Project #4 – construction
  - Basin L I&I Project #5 – design

Current Projects

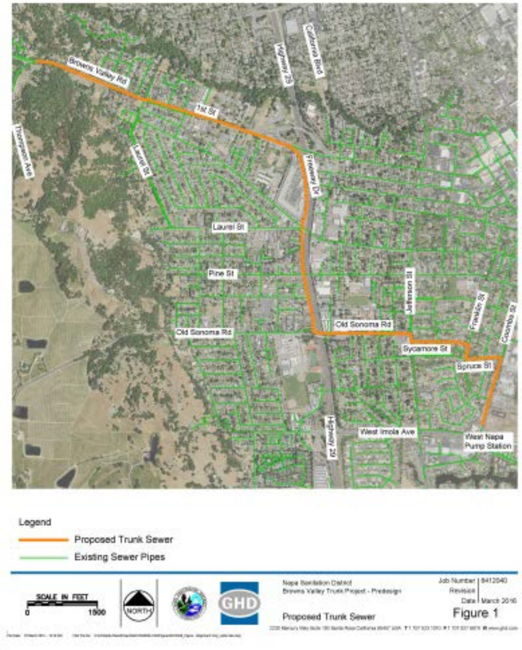
- Major projects completed in FY 15/16
  - ACP Lining Project #1





Current Projects

- Major projects continuing from FY 15/16
  - Browns Valley Trunk Project engineering
  - Sarco Creek Pipeline Replacement
  - AB Diffuser Replacement

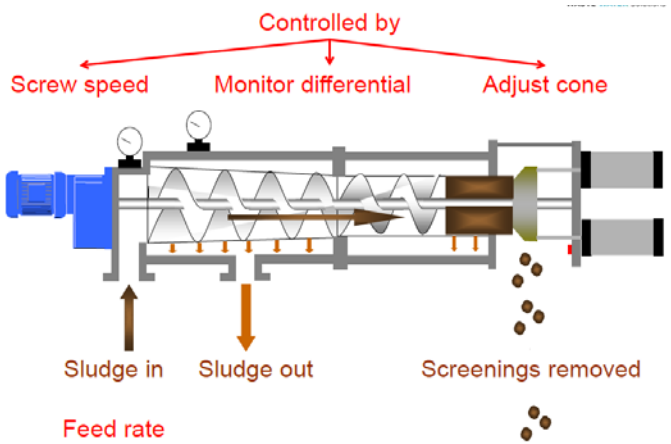


Collections

Ongoing Maintenance Projects	I&I Reduction Program	I&I Projects	Sewer Main Projects
• Mainlines, manholes, laterals, cleanouts	• Flow monitoring in FY 16/17 (weather permitting) and smoke testing • Upper Lateral Rehab Pilot #2	• Construct Basin L Project #5 • Design and begin construction for Basin G #1 • Manhole and Pipeline Rehab (Chloride reduction)	• ACP CIPP Lining Project #2 • Browns Valley Interceptor design • Sarco Creek (Caltrans) construction • Soscol Ave (8th to Oil Co Road)

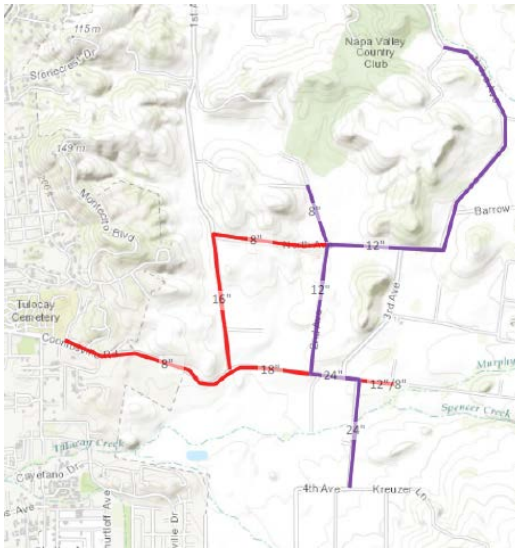
Treatment Plant

Construction	Equipment Replacements	Structures	Energy
• AB Diffusers • Stationary Gas Detectors • Odor control replacement • FOG Strain Press	• Sampler Replacement (Lab) • Rotork Actuators • Cogen Bottom End Overhaul	• Headworks Equipment Rehab • Roof Replacements	• Odor Control VFD • LED Pole/Arm Mounted Fixtures



Recycling

- Construction
  - RW Reservoirs Lining
  - MST RW Line Extension
  - Isolation Valve – South Line



- Planning
  - NBWRA Phase 2

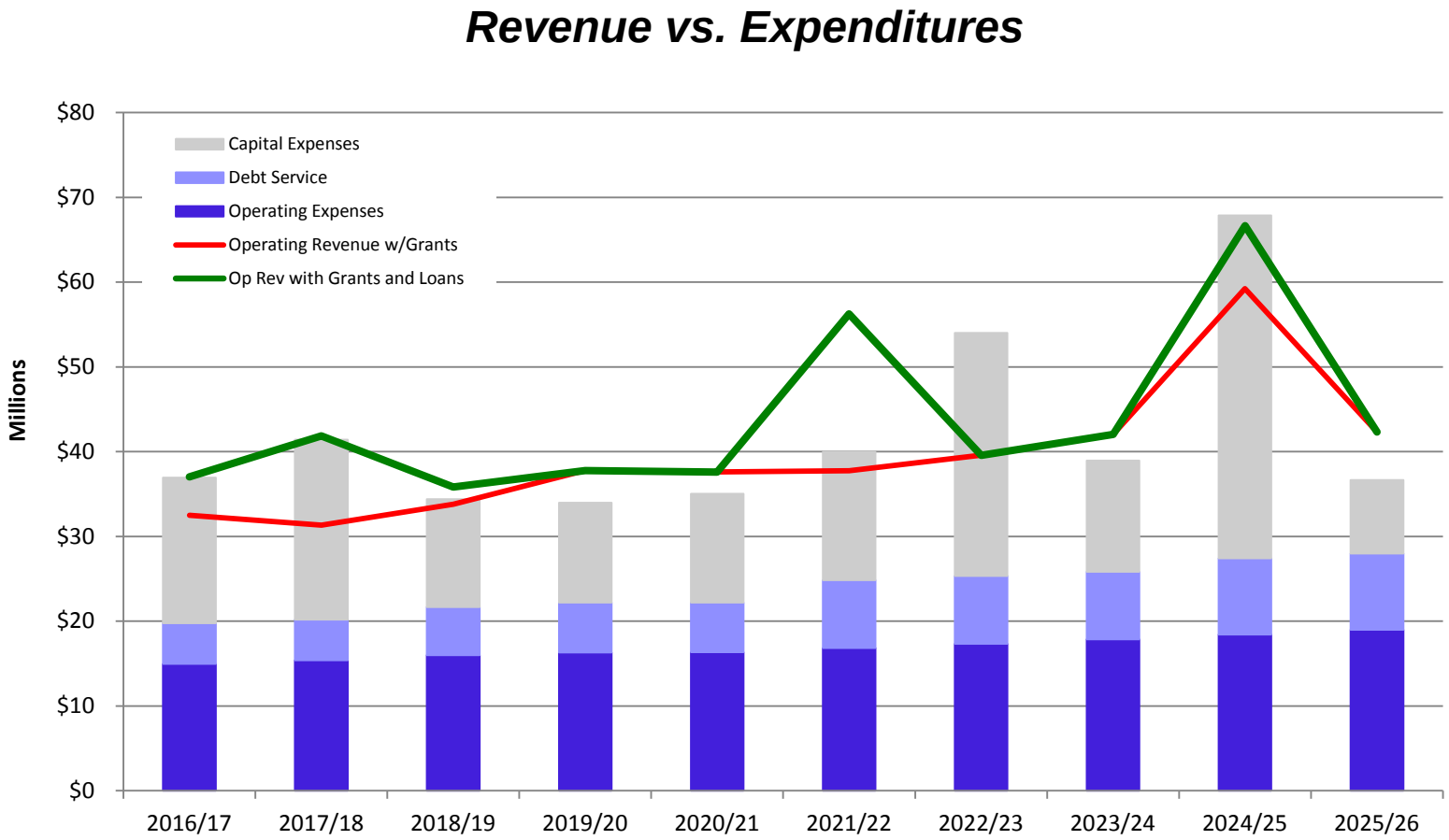
10-Year Financial Plan

Pay-As-You-Go for Rehab & Replacement	$102.7 million
Debt Financing for Expansion	$62.3 million • Browns Valley Road SI & WNPS ($17.2m) Second Digester and ABs (FY 21-23 - $22.8m) RW Expansion (FY 24 - $22.4m)
Paid for by Other Agencies	$19.7 million • MST RW Pipelines Extension, Plant RW Expansion, Sarco Creek Sewer Replacement

10-Year Financial Plan

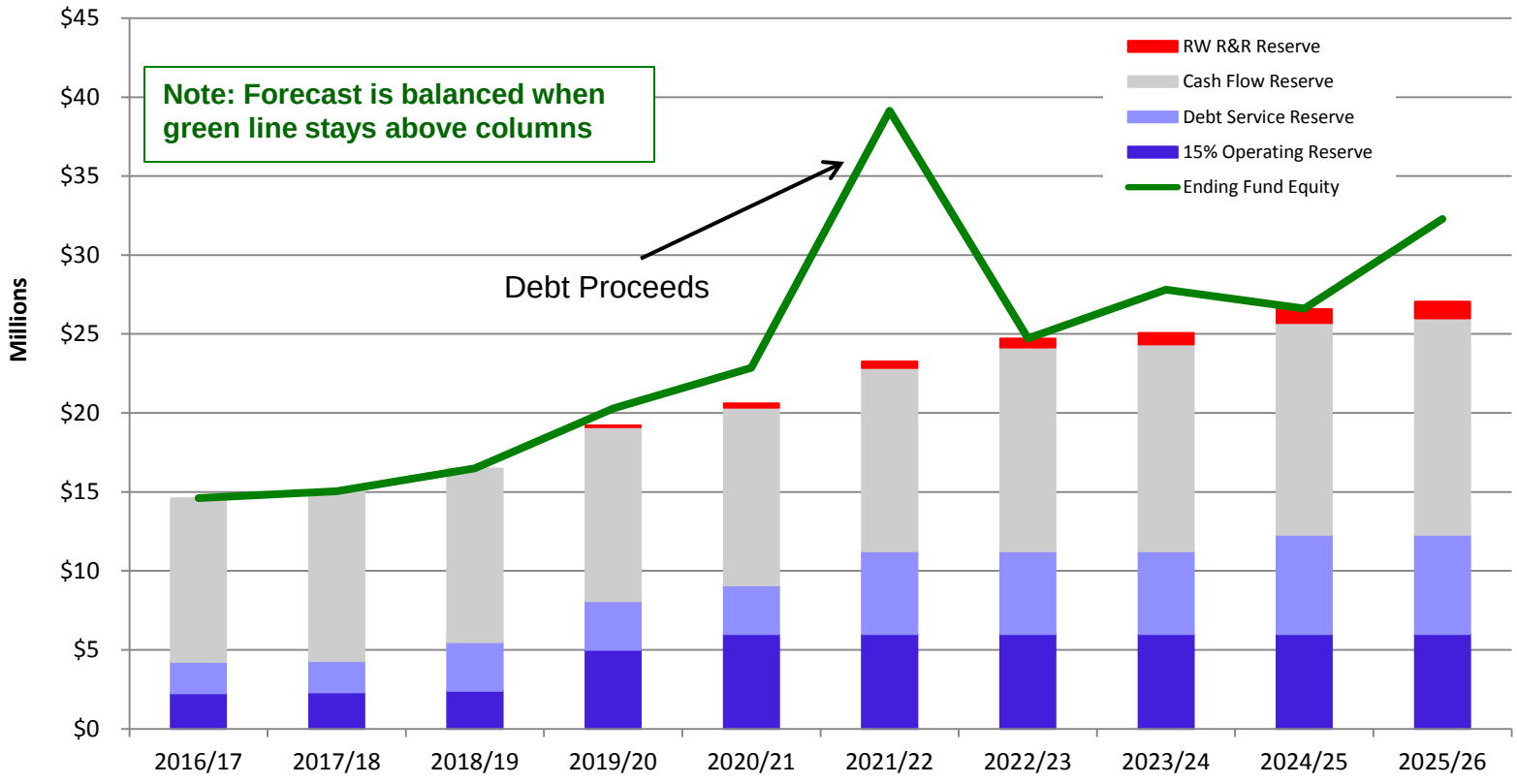
Lease Revenue	• Somky – included • Jameson / NNPS – not included
Capacity Charges	• Includes additional EDU from hotel or comparable development in future years
Sewer Service Charges	• Based on Prop 218 Hearing

10-Year Financial Plan



10-Year Financial Plan

Ending Fund Equity Projections



Debt Summary

- Four Outstanding Debt Issues

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

Debt Summary

- Future Debt Issues
  - FY 2016/17 – BVRSI and WNPS Improvements

Debt Summary

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

Debt Summary

- Future Debt Issues
  - FY 2024/25 – RW Expansion

Questions