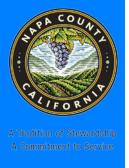


# Milliken/Sarco/Tulucay (MST) Recycled Water Project Update

Watershed Information Center and Conservancy
November 21, 2013

Phillip M. Miller, PE
Napa County Public Works



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#### Introduction

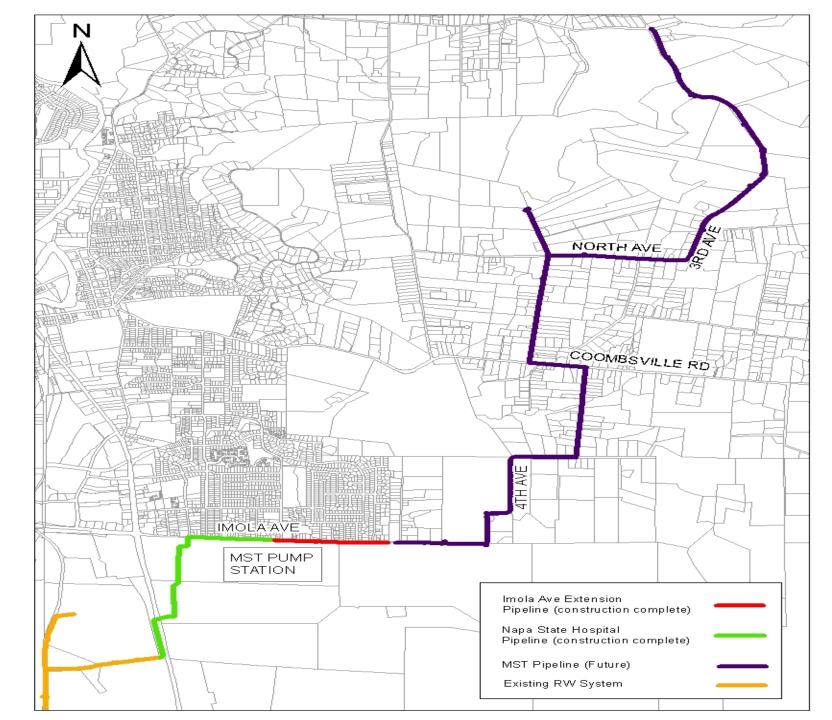
- Project Overview
- Bidding Approach
- Financing & Funding
- Remaining Challenges
- Proposed Schedule
- Questions



A Tradition of Stewardshi

A Commitment to Service



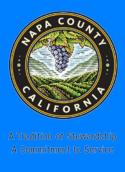






#### Bidding Approach

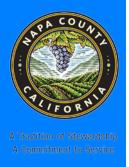
- Two alternate pipeline bid packages have been prepared;
  - Big Project
  - Small Project
- Smaller pipe, same alignments;
- Pump station will be bid separately after pipeline bids are received.





#### Bidding Approach

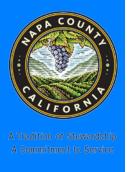
- When pipeline bids are received, a majority of the costs will be known;
- Combine with pump station and soft cost estimates;
- BOS decides on Big vs. Small Project;
- Complete pump station design and bid;
- NSD awards both in Spring 2014.





#### Financing & Funding

- Estimated Construction Costs (10/13)
  - Big Project \$17.0M
  - Small Project \$13.8M;
- Expect full Federal WaterSmart grant funding of 25%;
- NBWRA Prop 84 Round 3 applications not until Winter 2014/15.





#### Financing & Funding

- Community Facilities District (CFD) has been formed;
- All known participants have been annexed;
- Fewer participants than expected;
- Maximum revenue stream is known;
- It appears we can afford the Small Project.



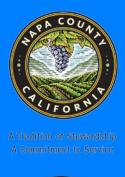
### Financing & Funding



SRF loan application is in process;

•Current terms: 1.9 2.1% for 20 years;

Repaid by CFD revenue.



#### Remaining Challenges



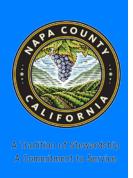
- BOS decision on Big vs. Small Project;
- Pump station easement not fully finalized by State;
- Uncertainties of bidding process and costs.





#### Proposed Schedule

- November 6<sup>th</sup> NSD Board actions
- November 26<sup>th</sup> BOS similar actions
- December 10th Open Pipeline Bids
- December 17<sup>th</sup> BOS decision on Big vs.
   Small Project
- February/March Open Pump Station Bids
- April/May New County/NSD Agreement, Award Construction Contracts and Direct Bill CFD
- Fall 2015 Complete Construction





#### Questions?