

October 2018 Special Joint Recycled Water Policy Advisory Committee

District efforts pertinent to water recycling and purification



Countywide Water Reuse Master Plan

Countywide Master Plan Objectives:

- Identify sources and amounts of water available for reuse
- Determine NPR & PR split
- Evaluate governance roles & responsibilities and provide recommendations
- Evaluate potential regional integration
- Conduct stakeholder engagement

NPR = Non-Potable Reuse

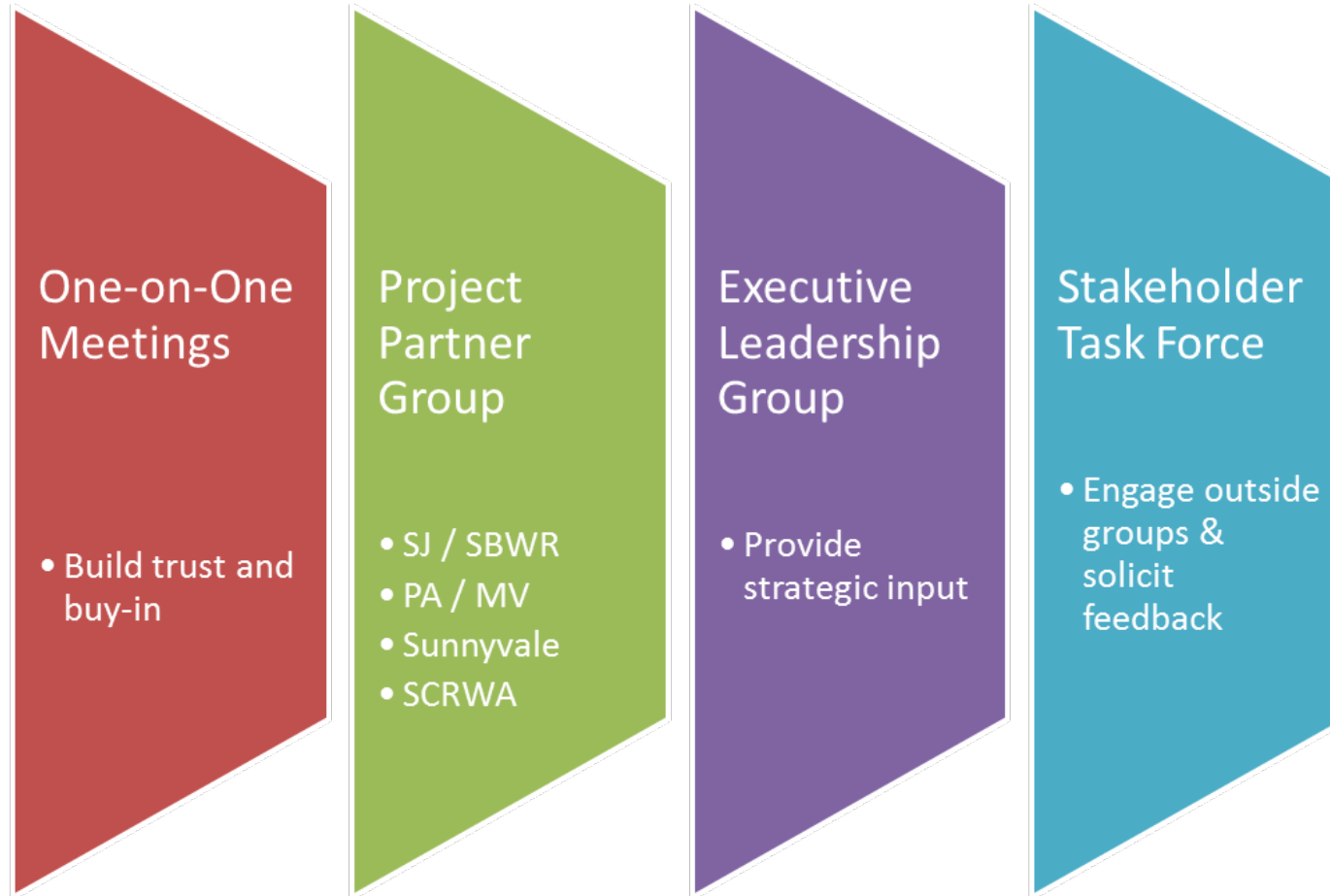
PR = Potable Reuse

Countywide Water Reuse Master Plan

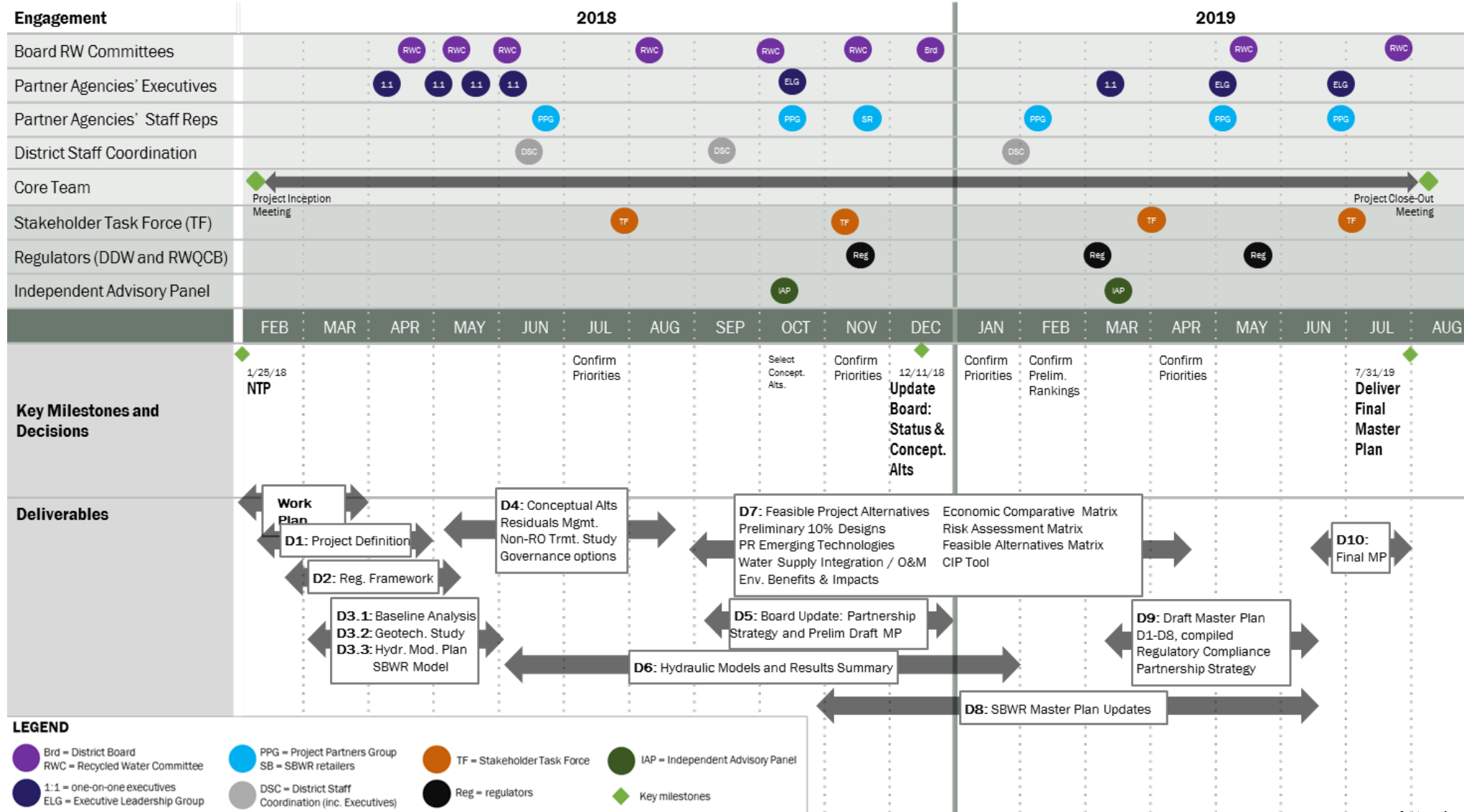
- Stakeholder Workshops
 - Producers, retailers, regulators, businesses, environmental organizations, and community groups



Stakeholder Outreach and Engagement



Master Plan Schedule



Reverse Osmosis Concentrate Management Project (ROCMP)

District is developing a comprehensive ROCMP for potential advanced water purification facilities at water reuse sites across the county.

ROCMP Components:

- Review of potential treatment options
- Site specific evaluations of ROC water quality
- Stakeholder workshops
- Engineered treatment cell pilot testing
- Develop and recommend ROC management plans for each site

ROCMP Accomplishments to date

- Evaluation of available treatment technology.
- Two stakeholder workshops with local recycled water producers, retailers, environmental groups, non-government organizations, and regulators.
- One-on-one meetings with potential project partners.
- Over 10 rounds of sampling of the engineered treatment cells.



ROCMF Next Steps

- Two additional stakeholder workshops.
- Continue sampling and analysis of engineered treatment cells.
- Hydrodynamic modeling of the South San Francisco Bay.
- Final ROCM Plan by December 2019.

