

Potential Water Resources Opportunities

Stanislaus County Water Advisory Committee

John B. Davids
January 31, 2018

Agenda

- The opportunity
- 2017 Groundwater Replenishment Program (GRP)
- The future
- Discussion

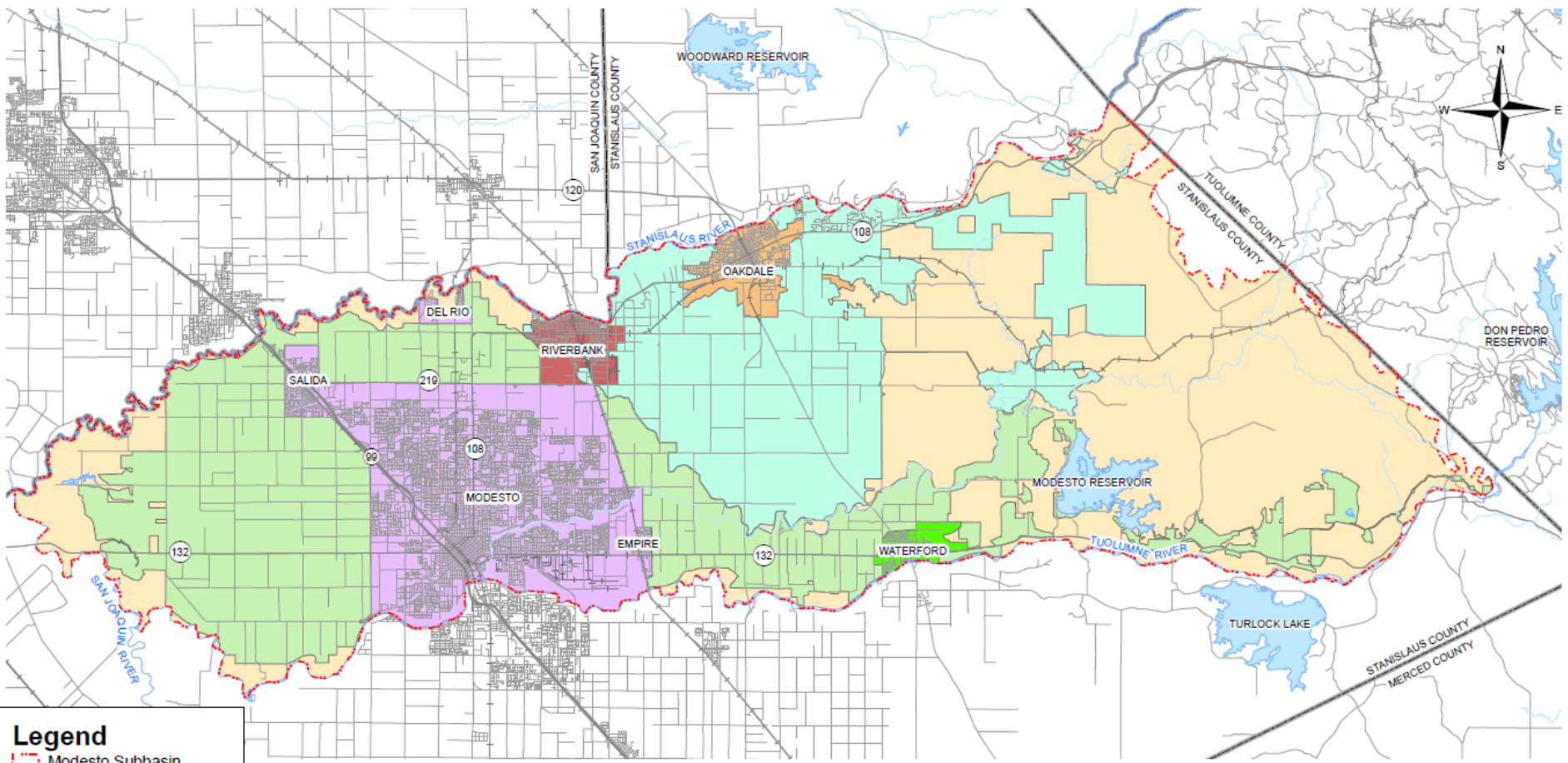
The Opportunity

- In some years, MID has available water resources above that necessary to meet existing customer demand (both ag and urban)
 - 2017; 100% of existing customer demands were met, more than 3.3M AF of additional releases

2017 GRP

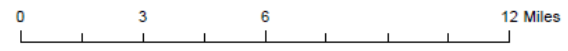
- Approved by the MID Board of Directors on May 23, 2017
- Voluntary program limited to the 2017 irrigation season
- Limited to already developed agricultural land solely reliant upon groundwater with the Modesto Sub-basin
- \$60/AF
- Supportive of SGMA

Modesto Subbasin Agencies

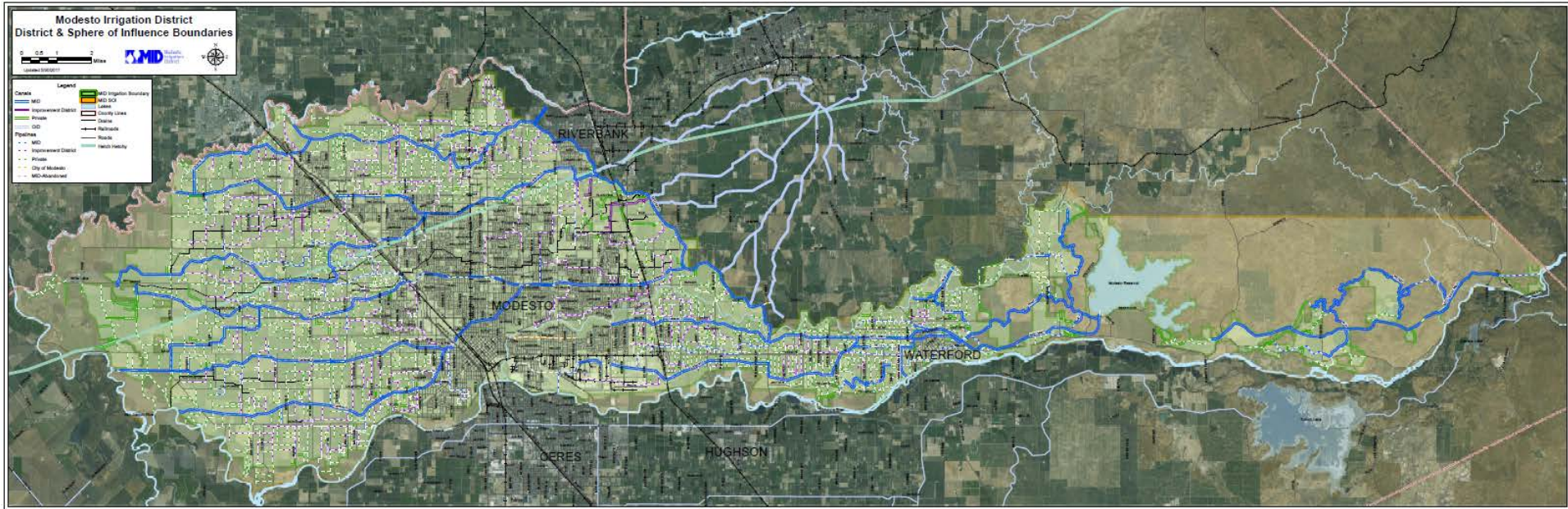


Legend

- Modesto Subbasin
- County Lines
- Stanislaus County
- City of Modesto
- City of Oakdale
- City of Waterford
- City of Riverbank
- Oakdale Irrigation District
- Modesto Irrigation District



January 10, 2017
Prepared By: LH



2017 GRP (Cont.)

2017 Groundwater Replenishment Program	
Number of Participants =	5
Total Acres to be irrigated =	1,676
Total Volume of Surface Water Delivered (AF) =	1,798
Cost (\$/AF) =	60
Revenue =	\$ 107,880
MID Expenses =	\$ 5,999
Net Income =	\$ 101,881

2017 GRP (Cont.)

- Out-of-the-box
- Provided additional revenue source – business focus
- Undeniable positive impact to the groundwater aquifer
- Factors impacting participation
 - Approval date
 - Within Modesto Sub-basin but outside MID's SOI
 - Lack of existing infrastructure
 - Temporary equipment availability
 - Temporary equipment cost
 - Cost of water

The Future

- When and if similar opportunities exist in the future, what does the Board want to do?
 - Nothing
 - Something
 - In-basin vs. out-of-basin?
 - Locally cost effective?
- Do we want to be ready when and if similar opportunities present themselves?
 - Sphere of Influence
 - Infrastructure
 - CEQA



Discussion