

Regional Reliability

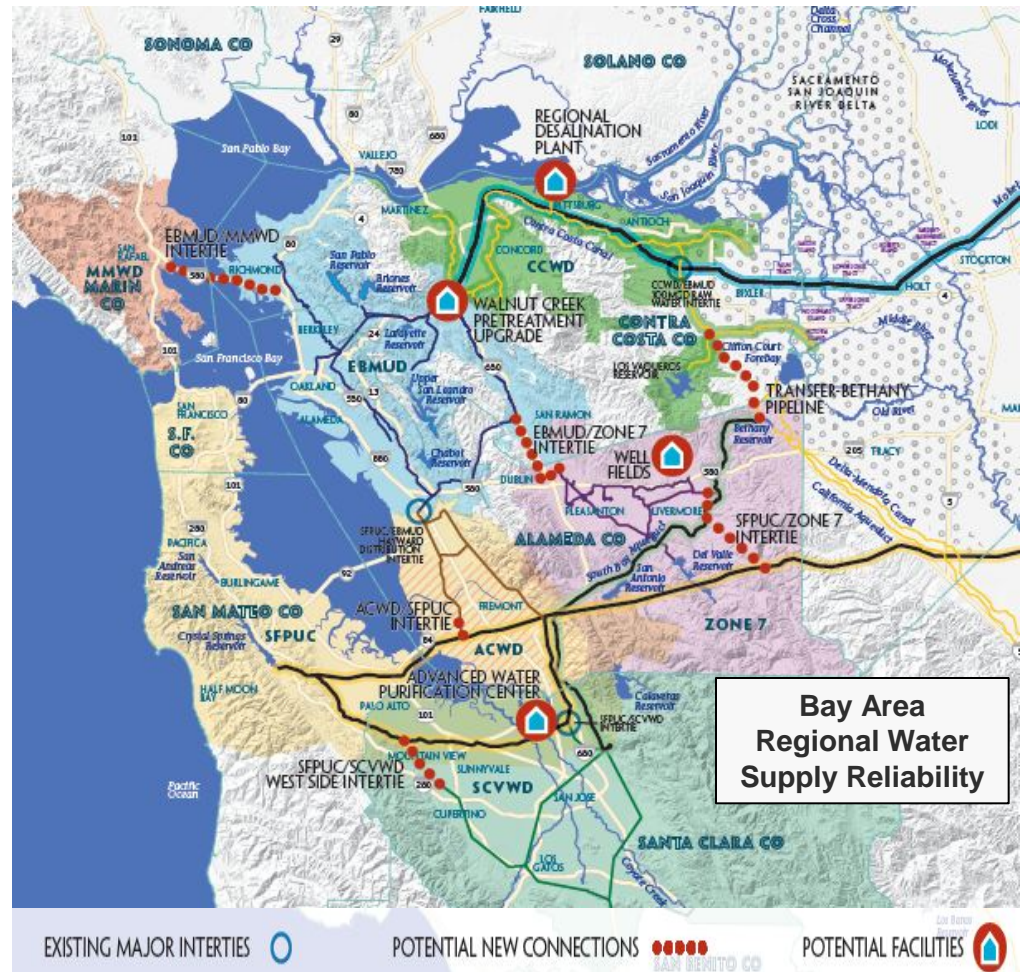
Board of Directors

May 27, 2014

Regional Reliability Framework



- Regional partnership opportunities, regional benefits
- 7 Partner agencies include CCWD, EBMUD, SCVWD, SFPUC, Zone 7, ACWD, and MMWD
- Elements:
 - Potential interties between water districts
 - Upgraded water treatment facilities
 - Potential regional projects (regional desalination)



Steps To Regional Reliability



- Prepare Regional Reliability Fact Sheet
 - Draft completed in Feb. 2014/update as new agencies joined effort
 - Identifies agency project priorities
 - To be used in meetings with DC with Federal Elected Reps
 - To be used as part of a strategy to secure State IRWM Prop. 84 funding
- Develop Regional Reliability Principles
 - Draft completed in Apr. 2014
 - Board consideration in May 2014
- Implement Regional Reliability Program
 - Begin feasibility study
 - Summer 2014/assuming funding
 - Design and construct system improvements
 - 2015 onward/assuming funding

Draft Principles



Parties agree to:

- Evaluate both near- and long-term joint water supply reliability projects
- Conduct activities in an inclusive manner
- Communicate joint planning efforts (i.e., water transfers, wheeling agreements, interties, etc.) with the other partners
- Promote projects that are expected to result in betterment for of the public served by the agencies involved/do not adversely affect any of the Parties
- Equitable cost- and risk-sharing for future projects or concepts
- Transparency with regard to costs
- Determine how priorities for regional reliability are balanced against other individual agency priorities if grant monies are being relied upon
- Gain express consent of the owner(s) if characterization and evaluation of facilities, water rights, or water contracts is performed
- Work cooperatively to facilitate efforts to obtain regulatory approvals necessary to conduct demonstration and full scale projects

Next Steps



- EBMUD Board consideration of principles on May 27, 2014
- Work to secure project and program funding
- EBMUD to implement key District elements of the framework
 - Upgrades to Walnut Creek Treatment Plant
 - Planning studies in support of future interties with MMWD and Zone 7

Water Supply Update and Drought Management Update

May 27, 2014

Water Year 2014 Runoff



Actual Runoff Received	230 TAF
+ Projected Runoff To-Come	20 to 40 TAF

Total WY 2014 Runoff	250 to 270 TAF
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Water Year 2014 Storage



Runoff	Total System Storage* (no May and June supplemental supply)	Total System Storage* (with May and June supplemental supply)
250 to 270 TAF	420 to 430 TAF	435 to 445 TAF

*Projected storage on September 30, 2014

Freeport Regional Water Project

Supplemental Supply



- ~6,600 acre-feet of systems testing water delivered in April
- ~5,700 acre-feet of supplemental supply water delivered in May to-date

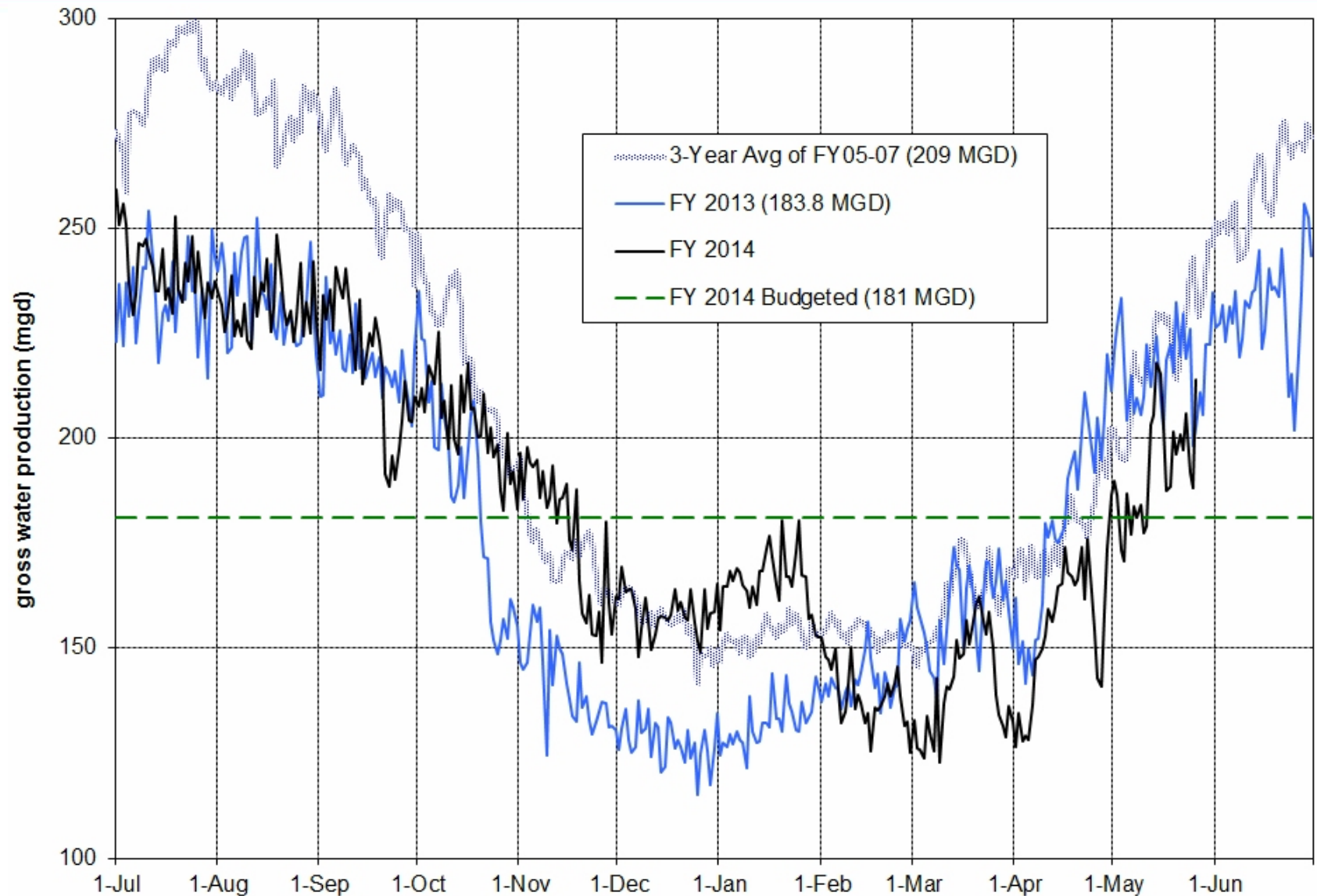
Water Year 2014 Review



- Rainfall Year 2014 is the 2nd driest year in the Mokelumne River watershed
- 2% of the precipitation accumulation season remains
- Received about 230,000 acre-feet of runoff to date
- Projected end of September storage is 435,000 to 445,000 acre-feet



Current Gross Water Production



Drought Management Update



	Feb	March	April	May
Avg Demand - 2013	146 mgd	159 mgd	181 mgd	216 mgd
Avg Demand - 2014	136 mgd	141 mgd	155 mgd	192 mgd
Savings Goal	15 mgd	16 mgd	18 mgd	22 mgd
Actual Savings	10 mgd	18 mgd	26 mgd	24 mgd
Actual Savings Rate	7%	11%	14%	11%

Drought Planning



Supplemental Supply



Customer Conservation

A Community Effort
to Manage the Drought!