

# **Groundwater Replenishment Project Budget Update**



**Pure Water Monterey**  
A Groundwater Replenishment Project

**Monterey Peninsula Water Management  
District Board of Directors  
March 17, 2014  
Keith Israel, MRWPCA General Manager**



# **Supplemental Budget**

- **CEQA Notice of Preparation  
(June/July 2013)**
- **CPUC Settlement Agreement  
(July/August 2013)**
- **Independent Advisory Panel  
(Late Oct 2013)**

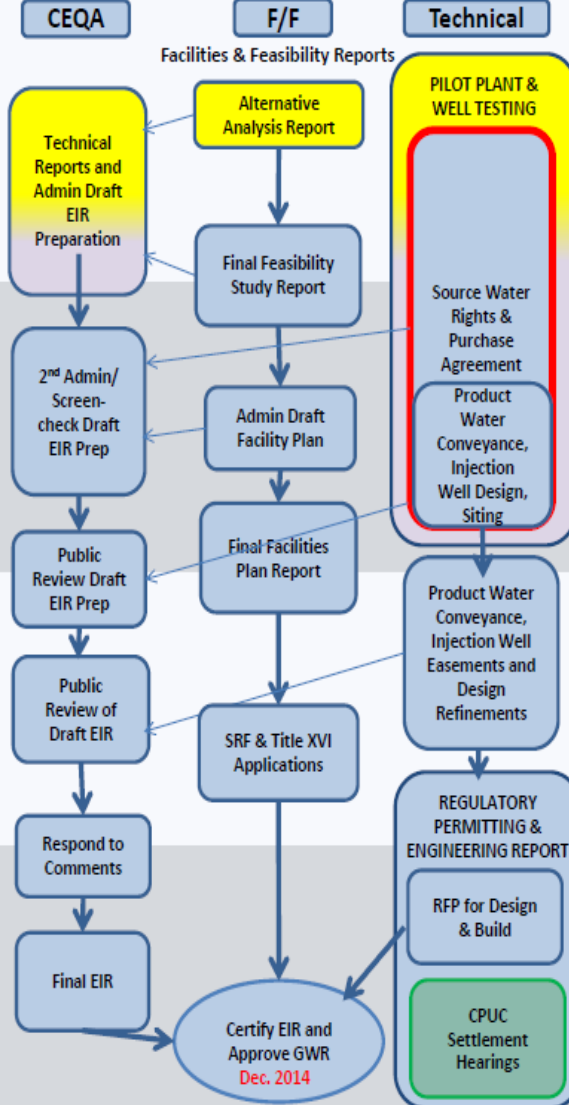
# Cost Controls

- MRWPCA Project Management Savings
  - Internal costs much less than \$200/hr for outside project management
  - Avoid Consultant mark up of 10 to 15%
  - Pick and choose most productive consultants
  - Expect roughly \$1 million in project savings
- Four reviews to refine budget

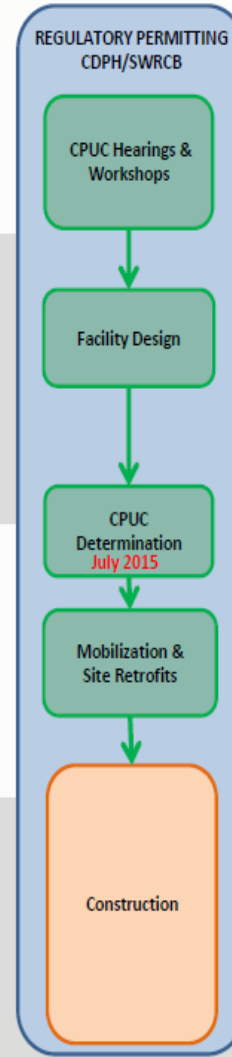
## 2013



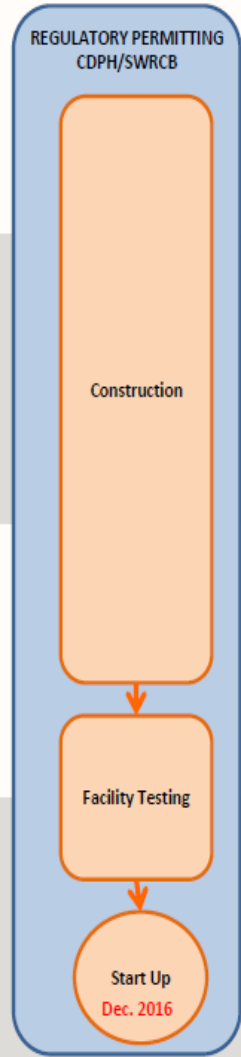
## 2014



## 2015

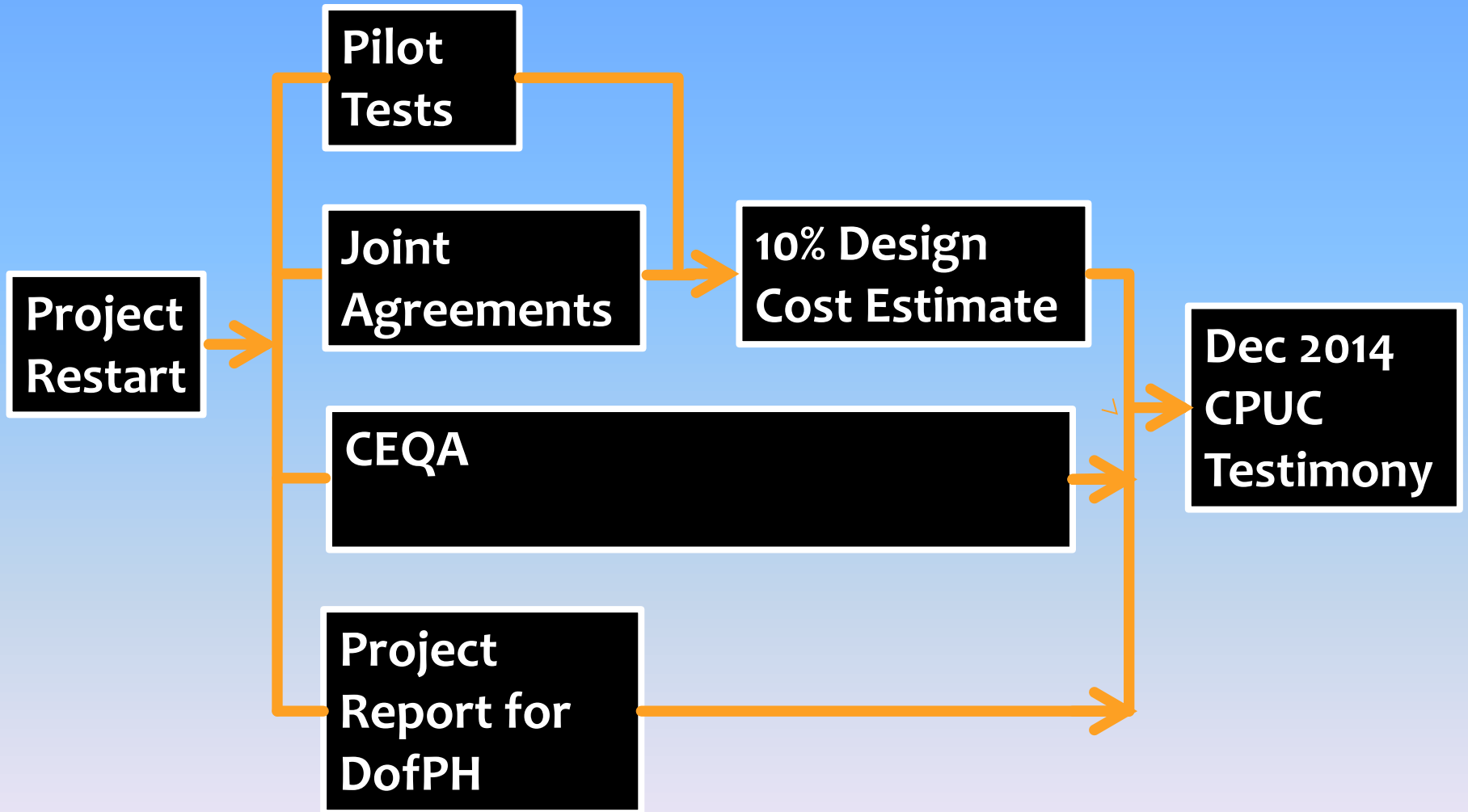


## 2016



Complete

# GROUNDWATER REPLENISHMENT



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	<b>SVRP Ag Irrigation Project</b>	<b>Groundwater Replenishment</b>
<b>Project Restart</b>	<b>----</b>	<b>January 2012</b>
<b>Pilot/Field Tests</b>	<b>1980-1988</b>	<b>2013/2014</b>
<b>Loan Reports Initiate CEQA</b>	<b>1990-1992</b>	<b>2013/2014</b>
<b>Joint Agreements with Water Rights</b>	<b>1992</b>	<b>June 2014</b>
<b>Completed CEQA</b>	<b>Fall 1992</b>	<b>November 2014</b>
<b>CPUC Testimony</b>	<b>--</b>	<b>December 2014</b>
<b>Loan Approved</b>	<b>1992</b>	<b>Spring 2015</b>
<b>Design</b>	<b>1992-1994</b>	<b>2015</b>
<b>Funding</b>	<b>1995</b>	<b>2015</b>
<b>Construction</b>	<b>1996-1997</b>	<b>2015-2016</b>
<b>Project Online</b>	<b>April 1998</b>	<b>January 2017</b>
<b>Type of Water</b>	<b>TERTIARY</b>	<b>ADVANCED</b>
<b>Project Complexity</b>	<b>MODERATE</b>	<b>HIGH</b>
<b>Overall Completion Time</b>	<b>8 YEARS</b>	<b>5 YEARS</b>

# WATER PROJECT EXPERIENCE

PROJECT	COMPLETED	COST	
Regional Wastewater System	1990	\$200 Million	<ul style="list-style-type: none"><li>• Among lowest user rates in California</li></ul>
SVRP AG Irrigation	1998	\$35 Million	<ul style="list-style-type: none"><li>• On time- on budget</li><li>• First and largest project of its type</li></ul>
Filter Loading	2008	\$1.3 Million	<ul style="list-style-type: none"><li>• First project of its type in California</li></ul>
GWR (Projected)	Jan 2017	\$53 Million	<ul style="list-style-type: none"><li>• First GWR project in Northern California</li></ul>

# **Source Water Discussions**

- **Good Progress with MCWRA negotiations**
- **Another meeting next week**
- **Productive meetings with Salinas this month**
- **MCWD discussions next week**



Recycled Water is a “Bridge over Troubled Waters”

MCWRA/GROWERS

MPWMD

City of Salinas

MCWD

MRWPCA

*...“I’m on  
your side.  
When  
times get  
rough,  
And  
friends  
just can’t  
be found,  
Like a  
bridge  
over  
troubled  
water” ....*

# **NRDC POLL (FEB 2014)**

- **California Voters are concerned about State's water supply due to drought**
- **Voters willing to pay for increasing water supply (including recycled water)**
- **Preference is to expand local water supply**

# **Importance of Adopting the Supplemental Budget**

- **Keeps project on schedule for early 2017 completion**
- **Helps us qualify for proposed low interest State SRF loan**
  - **1% loan in 2015**
  - **Save about \$200/AF**



**For more information contact:  
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**[www.mrwpc.org](http://www.mrwpc.org)  
[www.mpwaterreplenishment.org](http://www.mpwaterreplenishment.org)**