



*Water Supply for
the Monterey Peninsula...*

Update on Development of Water Supply Projects

September 19, 2016
MPWMD Board of Directors



Pure Water Monterey

Progress to Date

- CPUC Approved Water Purchase Agreement last Thursday
- Salinas Produce Wash Water and Storm Water Connection Completed
- Blanco Drain and Reclamation Ditch Water Rights Approved; Design at 95%
- Advanced Treatment Equipment bids secured; 60% design by October 3rd.
- NMFS and SRF staff tour on the 22nd
- State Revolving Fund (and Grants) Available in December
- Draft USFWS Biological Opinion by Oct 1
- Working on 12 remaining of 26 Permits
- Go, Go, Go....



Pure Water Monterey
A Groundwater Replenishment Project

Desalination Plant

Progress to Date

- CPUC Approved Monterey Pipeline last Thursday
- All Contracts (Except Brine Discharge) Have Been Awarded
- Return Water Settlement Agreement
- Brine Discharge Settlement Agreement
- Test Slant Well Back On-Line; 92% sea water
- Costs and Expenditures to Date (7-31-16):

Intake System and Return Facilities: \$79M (24% spent)

Desalination Plant: \$115M (14% spent)

Pipeline Facilities: \$128M (13% spent)

Pre-Construction Cost*: \$8M (100% spent)

*NOTE: These figures are based on a 6.4 MGD desalination facility.
Pre-construction costs are included in the \$322-million project total.*



Project Schedule

	Desalination Project	Pure Water Monterey
September 2016	Pipeline Decision	WPA Decision
December 2016	Draft EIR/EIS	
January 2017	Start Construction on Pipeline	Start Construction
November 2017	Final EIR/EIS	
March 2018	Coastal Commission Hearing for Permit	Project Complete - Delivery of Water
April 2018	Start Construction on Desal	
March 2020	Project Complete – Delivery of Water	



Aquifer Storage and Recovery

Update

- Ground Lease expected to be approved by Seaside City Council October 20th
- Will pave the way for FORA to issue right-of-entry to complete project
- New signage to be installed within month
- Diversion was 699 AF this season
- Total to date = 5,684 AF



Cease and Desist Order

**Condition 2
Guidance**

**Motions for
Reconsideration**

**Meeting the
Milestones**

**Staying w/in the
Diversion Limit**



Petitions for Reconsideration get Filed

Water Ratepayers Association of the Monterey Peninsula (“WRAMP” or “Water Plus”) and Public Trust Alliance (“PTA”) now seek reconsideration of the July 19th Order claiming:

- Lack of a fair hearing
- That the *SWRCB* itself violated the CDO and failed to make a determination about the amount of water needed for public health and safety
- That Cal-Am failed to diligently implement feasible projects
- And that modification of the CDO violated of the public trust doctrine.

Standard of Review

The SWRCB “may order a reconsideration of all or part of a decision or order on the board’s own motion or on the filing of a petition of any interested person or entity.” The grounds upon which a petition for reconsideration may be filed with the SWRCB include the following:

- a) Irregularity in the proceedings, or any ruling, or abuse of discretion, by which the person was prevented from having a fair hearing
- b) The decision or order is not supported by substantial evidence
- c) There is relevant evidence which, in the exercise of reasonable diligence, could not have been produced
- d) Error in law

Next Steps

Our response: “Because there is no legal or factual basis to either reconsider or overturn the Order, the SWRCB should deny the petitions in their entirety.”

SWRCB has 90 days from the date of adoption of the Amended CDO to act on the petitions for reconsideration, i.e., on or about October 18th.

Failure to act within that time results in an automatic denial, effective the 90th day, and triggers the 30 day period to file a writ in superior court.

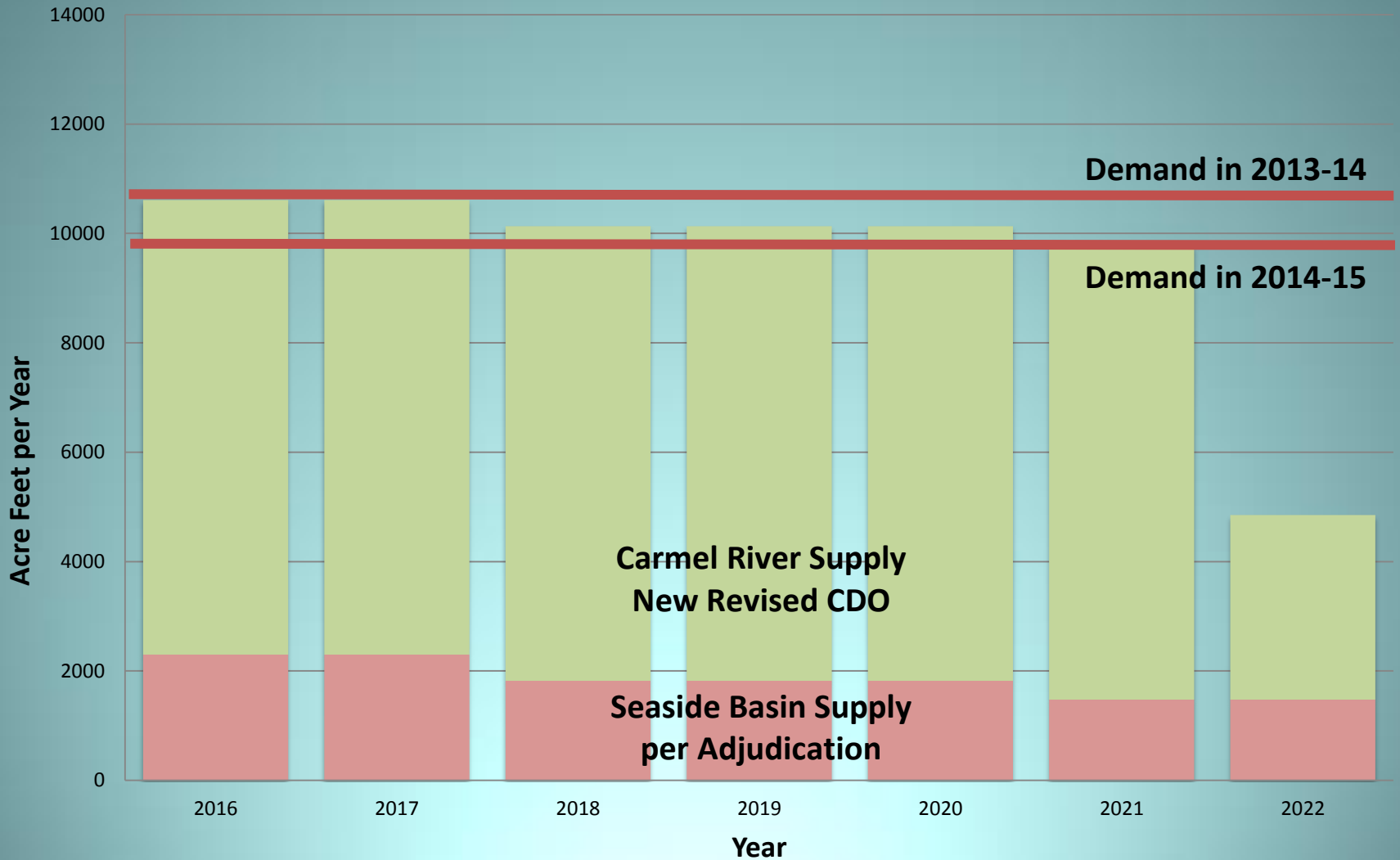
The SWRCB may grant reconsideration or deny it, in whole or in part, or may direct additional evidentiary proceedings. Most petitions for reconsideration in enforcement proceedings have been resolved by Orders of the Executive Director unless the SWRCB specifically wants to weigh in on an issue or wants to conduct evidentiary proceedings.

We speculate that the Executive Director will issue an Order, or the SWRCB will be presented with a proposed order from staff on Oct. 5 or Oct. 18

Legally Available Water Supply in MPWMD Territory

Compared to

Consumer Water Demand in MPWMD Territory



Condition 2 Guidance

Cal-Am shall not divert water from the Carmel River for new service connections or for any increased use of water at existing service addresses resulting from a change in zoning or use.

August 31st meeting seeking clarification was postponed due to Motions for Reconsideration

Milestones for Potential 1,000 AF Reduction in Limit

2016. CPUC Approves Pure Water Monterey

2017. Start Construction of Cal-Am Pipeline

2018. CPUC Approves Desalination Plant

2019. Start Construction of Desalination Plant

2020. Drill Source Wells

2021. Substantial Completion

Local Water Projects

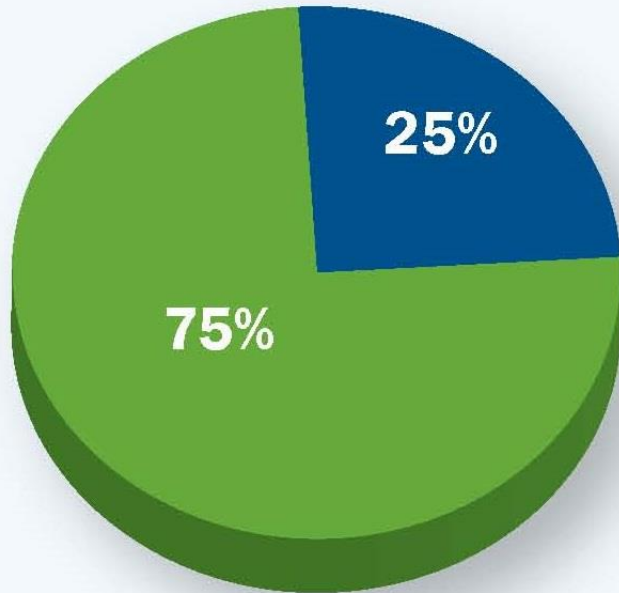
Project	Status
Pacific Grove \$200,000	First \$100,000 spent; Anticipate construction start this fall; Will save 88 AFY
Old Del Monte Golf Course \$80,000	Two wells completed; Awaiting CEQA review of pond; Expect pond construction by February; Will save 40-50 AFY
Monterey Regional Airport \$30,000	Completed study; Identified 104 AFY of non-potable supply; Will attempt to find users in FY 2016-17
City of Monterey \$85,000	Storm water capture study; No expenditures to date; Trying to obtain state grant moneys
City of Seaside \$106,900	Laguna Grande non-potable well; No expenditures to date
Monterey County Fairgrounds \$75,000	Replumb bathrooms to well water; No expenditures to date; Almost 50% reduction in water due to retrofits; Suggest canceling grant

Other – Next Month

- Water Entitlements
- Deep Water Desal
- Pebble Beach Reclamation Project

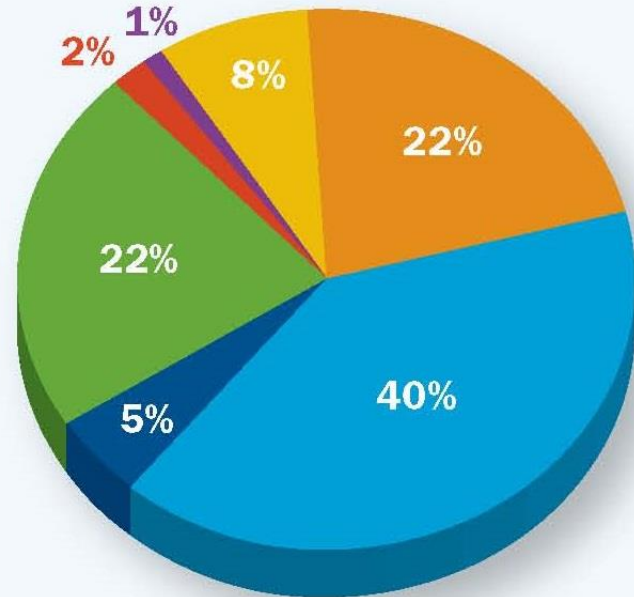
Changing Sources of Supply on the Monterey Peninsula

Traditional Sources



- Seaside Basin
- Carmel River

Proposed Water Sources



- Groundwater Replenishment
- Desalination
- Seaside Basin
- Carmel River
- Sand City
- Pacific Grove
- Aquifer Storage Recovery

The Water Supply Project will diversify the Monterey Peninsula's water supply portfolio. These new sources of water will be sustainable and help protect against drought while also protecting the natural resources of the Carmel River.