

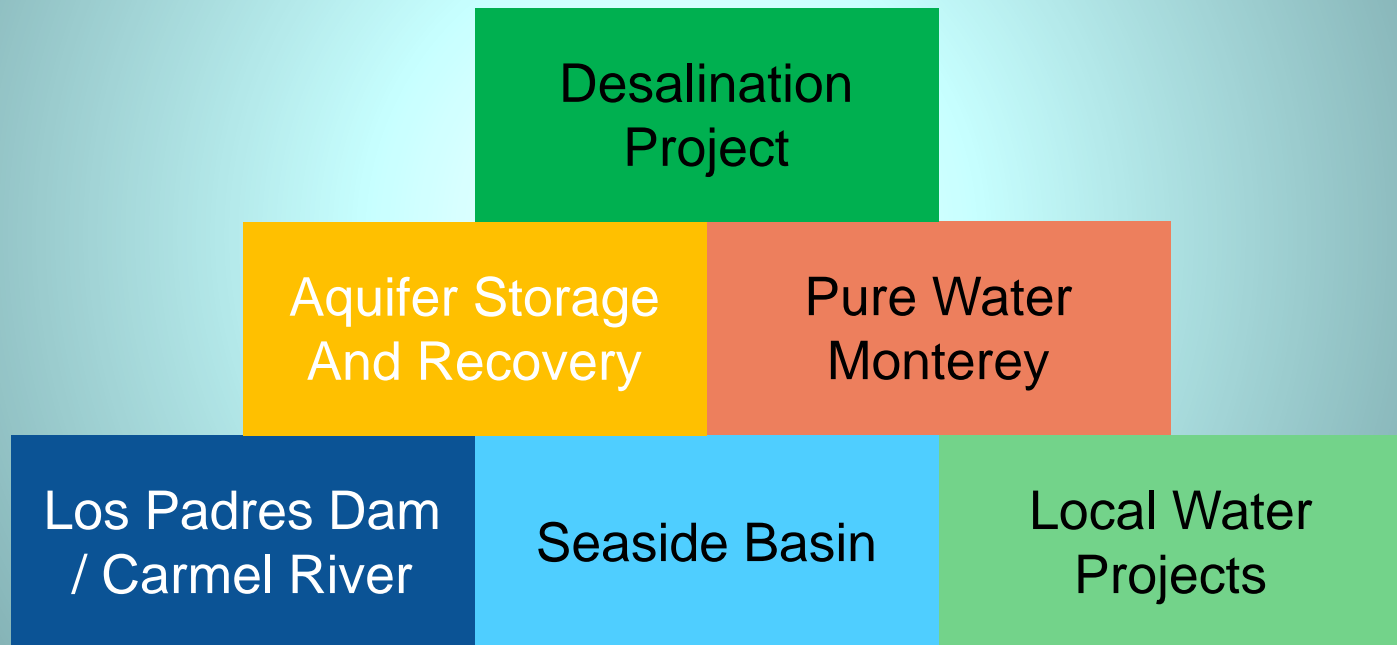


# General Manager's Report Item 25:

## Update on Development of Water Supply Projects

*June 19, 2017  
David J. Stoldt*

# The Water Supply Portfolio

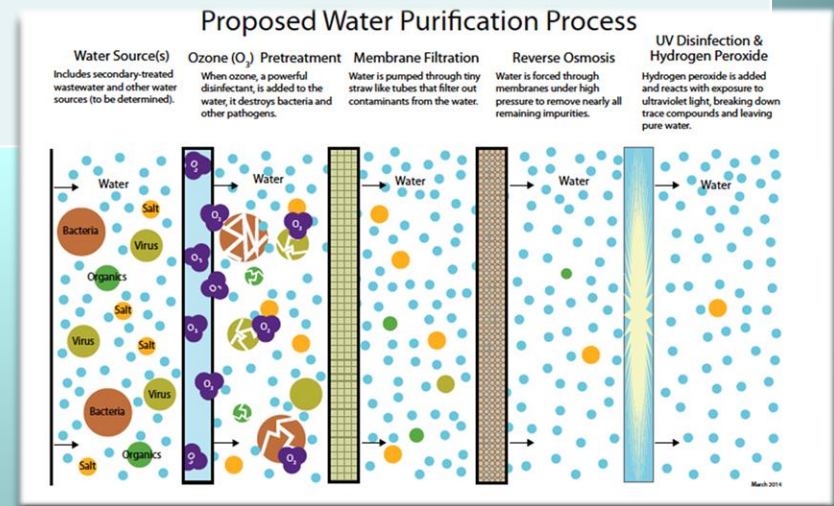


# Project Sizing

Demand	Supply
13,290 AF average customer demand	3,376 AF legally from Carmel River (2017)
500 AF for economic recovery	1,474 AF legally from Seaside Basin (2021)
325 AF for Pebble Beach buildout	(700) AF Cal-Am intends to leave in the Seaside Basin for recharge for 25 years
1,181 AF for legal lots of record	94 AF available from Sand City long term
-----	1,300 AF assumed available from ASR
15,296 AF total demand	<b>3,500 AF from Pure Water Monterey</b>
	<b>6,252 AF from Desalination Plant</b>
	-----
	15,296 AF total supply

# Pure Water Monterey

- Bids for Advanced Water Purification and Pipeline due next week
- Reimbursement request for pre-construction costs submitted 3 weeks ago
- New CPUC Ruling asks for “Issues” for more study by 6/30



# Desalination Plant and Pipeline

- DEIR comments submitted February 27th
- Final EIR likely to be delayed from November
- Pipeline Route 68 bridge still in Caltrans review





# Cal-Am Monterey Pipeline

## 7 MILES OF PIPE

INSTALLATION OF 36-INCH MAIN UNDERWAY

Seaside - Appurtenance and sidewalk crews in North Monterey will wrap up on **Fairgrounds** and move onto **North Fremont Street** between **Casanova** and **Ramona**.

Pipeline installation in Seaside will continue on **Hilby Avenue** between **Wheeler** and **Fargo Court**.

Paving work will continue on **North Fremont Street**.

Monterey - Appurtenance work will wrap up on **High Street** and begin on **Jefferson** and **Monroe Streets** in Monterey.

Pipeline construction will also resume on **Madison Street** between **Monroe** and **Larkin** in Monterey.



# Aquifer Storage and Recovery

***2,345.19 AF for the season!***



**AQUIFER  
STORAGE and RECOVERY  
(ASR)  
FACILITY**

# Cease and Desist Order

**Still Waiting for  
Condition 2  
Guidance**

**Writ was recalled –  
May refile**

**Meeting the  
Milestones**

**Staying w/in the  
Diversion Limit**





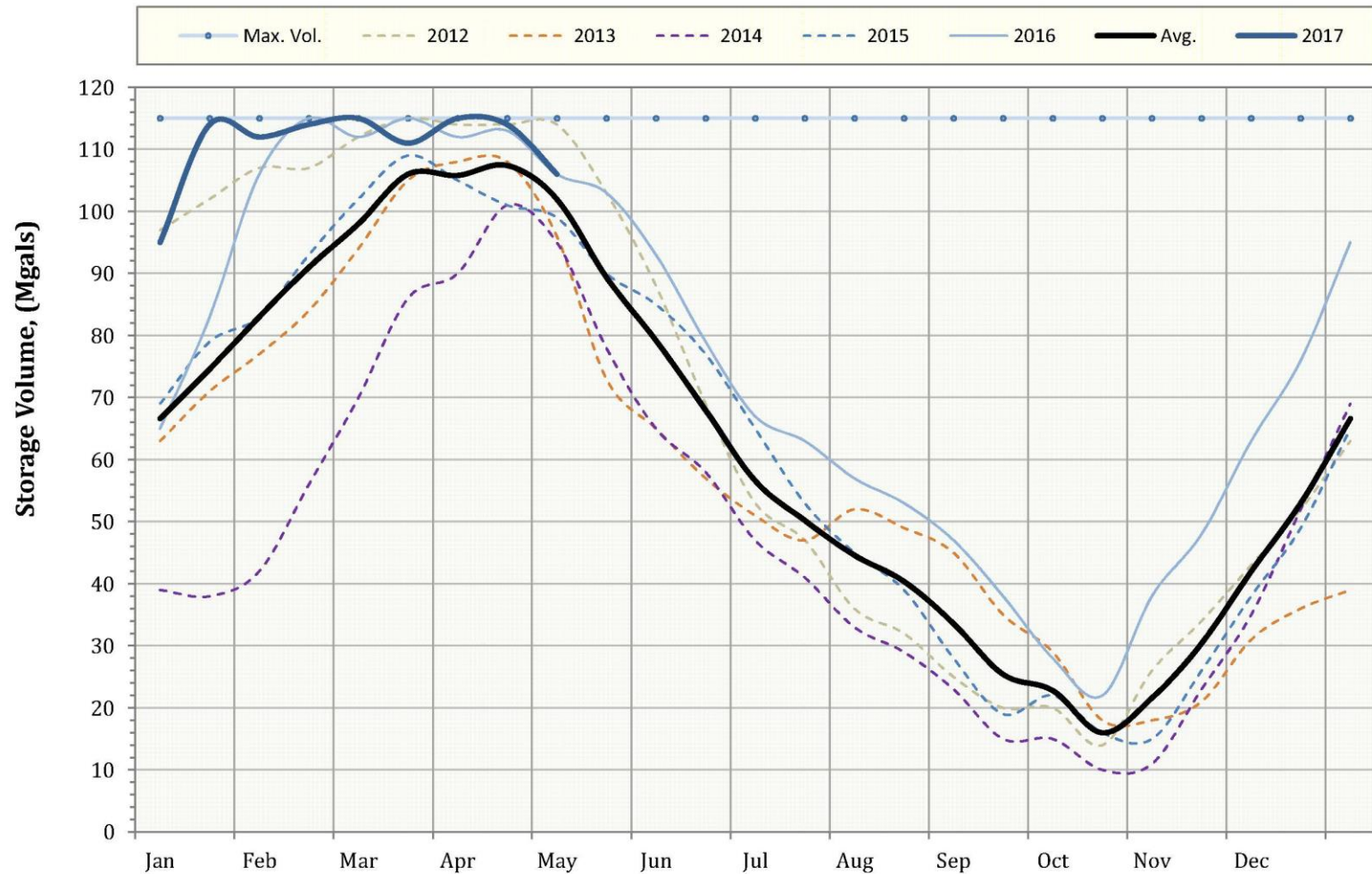
## Malpaso (Odello) Water

- 80 AF available
- 33.57 AF sold thru 5/31/17
- 170 separate purchases
- 2.931 AF have come to District for permits

# Reclamation Project as of May 8th

## Forest Lake Reservoir Storage Volume Current vs Historic

Current Volume: 106



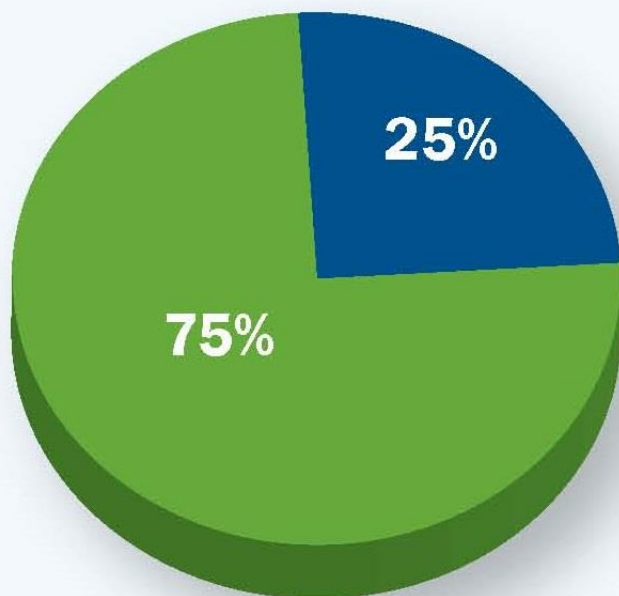
## Reclamation Project – Recycled Water Deliveries

2016 Calendar Year	5 Year Average	21 Year Average
929 AF	978 AF	983 AF



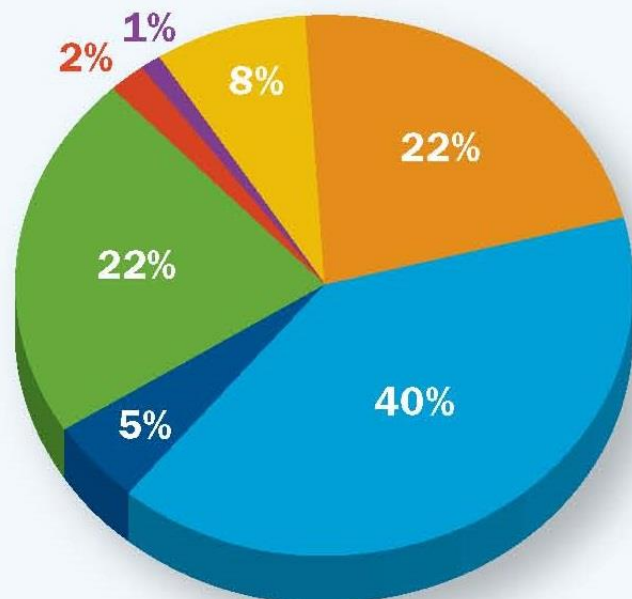
# Changing Sources of Supply on the Monterey Peninsula

## 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.