

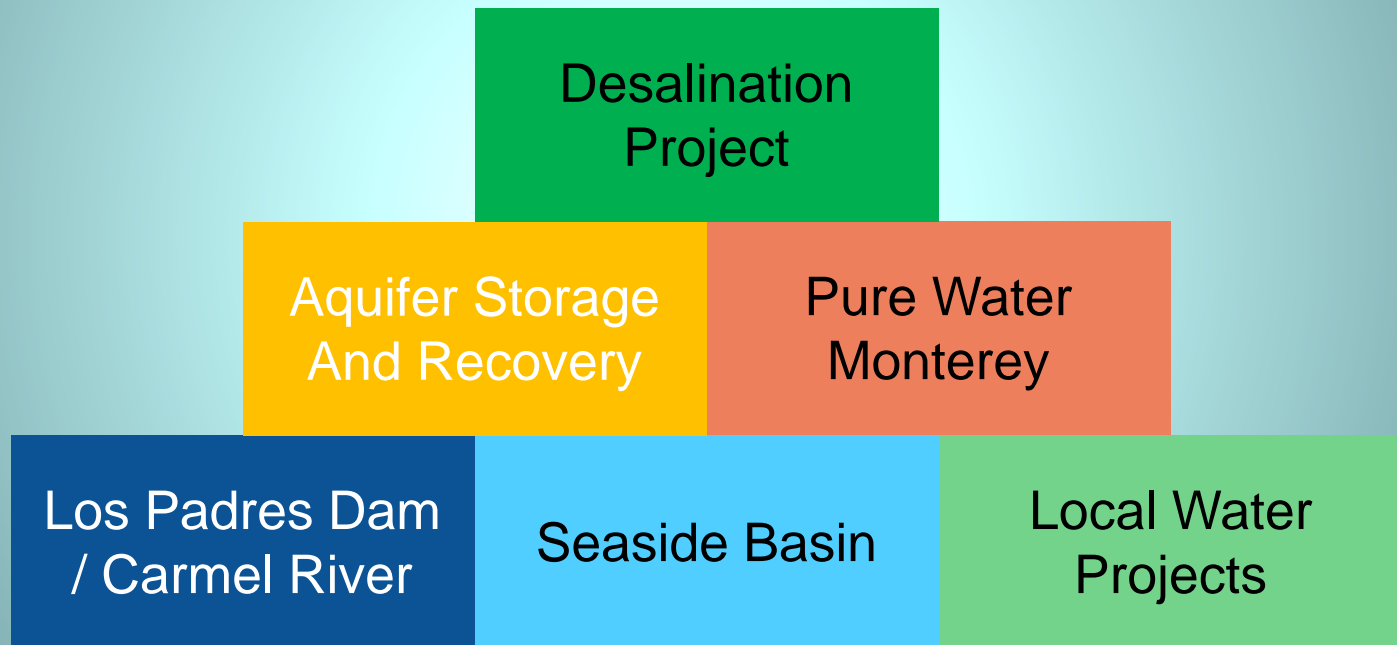


General Manager's Report Item 6:

Update on Development of Water Supply Projects

September 17, 2018
David J. Stoldt

The Water Supply Portfolio



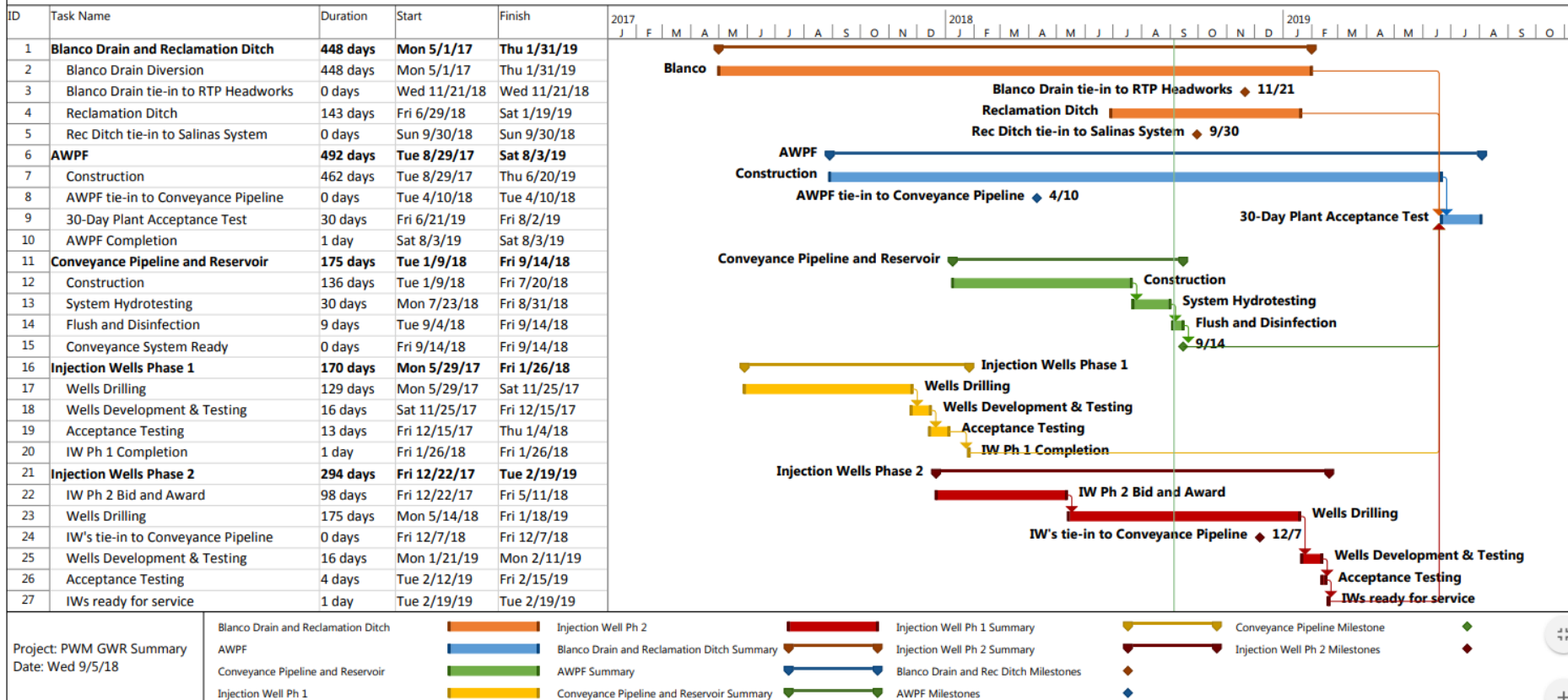
Project Sizing

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	3,500 AF from Pure Water Monterey
	6,252 AF from Desalination Plant

	15,296 AF total supply

Pure Water Monterey Schedule

Pure Water Monterey Executive Schedule for 9-13-18 RWC Meeting



Pure Water Monterey Expenditures

	Expenditures from 2006 - FY 17/18	FY 2018/19 Approved Budget	Costs to Date FY2018/19	Change Orders to Date	FY 2018/19 Costs during July 2018
Combined Categories	\$57,619,343				
Advanced Water Purification		\$33,802,728	\$4,477,269	\$580,955.95	\$4,430,055
Source Water Facilities		5,852,953	99,460	\$68,438.23	39,595
Injection Wells-Phase I				\$36,399.02	
Injection Wells-Phase II		11,286,428	173,882	-	124,257
Pipeline Conveyance System		3,325,650	3,092,807	\$103,953.67	3,092,257
TOTALS	\$57,619,343	\$54,267,759	\$7,843,418	\$789,746.87	\$7,686,164

Pure Water Monterey Funding

Funding and Reimbursements				
Organization	Funding 2006 – FY 17/18	FY18/19 Approved Budget	FY18/19 Amounts Billed ⁽¹⁾	FY 18/19 Amounts Received
General Fund	7,204,996	-	-	-
Watermaster	100,000	-	-	-
MPWMD	12,233,955	-	-	-
SRF Facilities Grant	74,883	-	-	-
SRF Loan ⁽¹⁾	31,394,188	\$37,927,666	13,167,679	6,763,972
Prop. 1 Grant - GWR ⁽²⁾	6,098,846	\$8,901,154	-	-
Prop. 1 Grant - Stormwater	362,684	\$2,084,316		
MCWD ⁽³⁾	-	\$5,354,623	-	-
BOR Title 16 Feasibility Water SMART Grant / Other Resource	149,791	-	-	-
TOTALS	\$57,619,343	\$54,267,759		6,763,972

Desalination Plant and Pipeline



Desalination Plant Schedule

	Item
August 13	Proposed Decision Issued
August 22	Oral Arguments
September 4	Written Comments submitted
September 13	CPUC adopts Decision
September 14th or so	CPUC files Notice of Determination (NOD)
September 30	State Water Board milestone – Issuance of CPCN
30 Days from NOD	CEQA lawsuit filing period closes



Cal-Am Monterey Pipeline

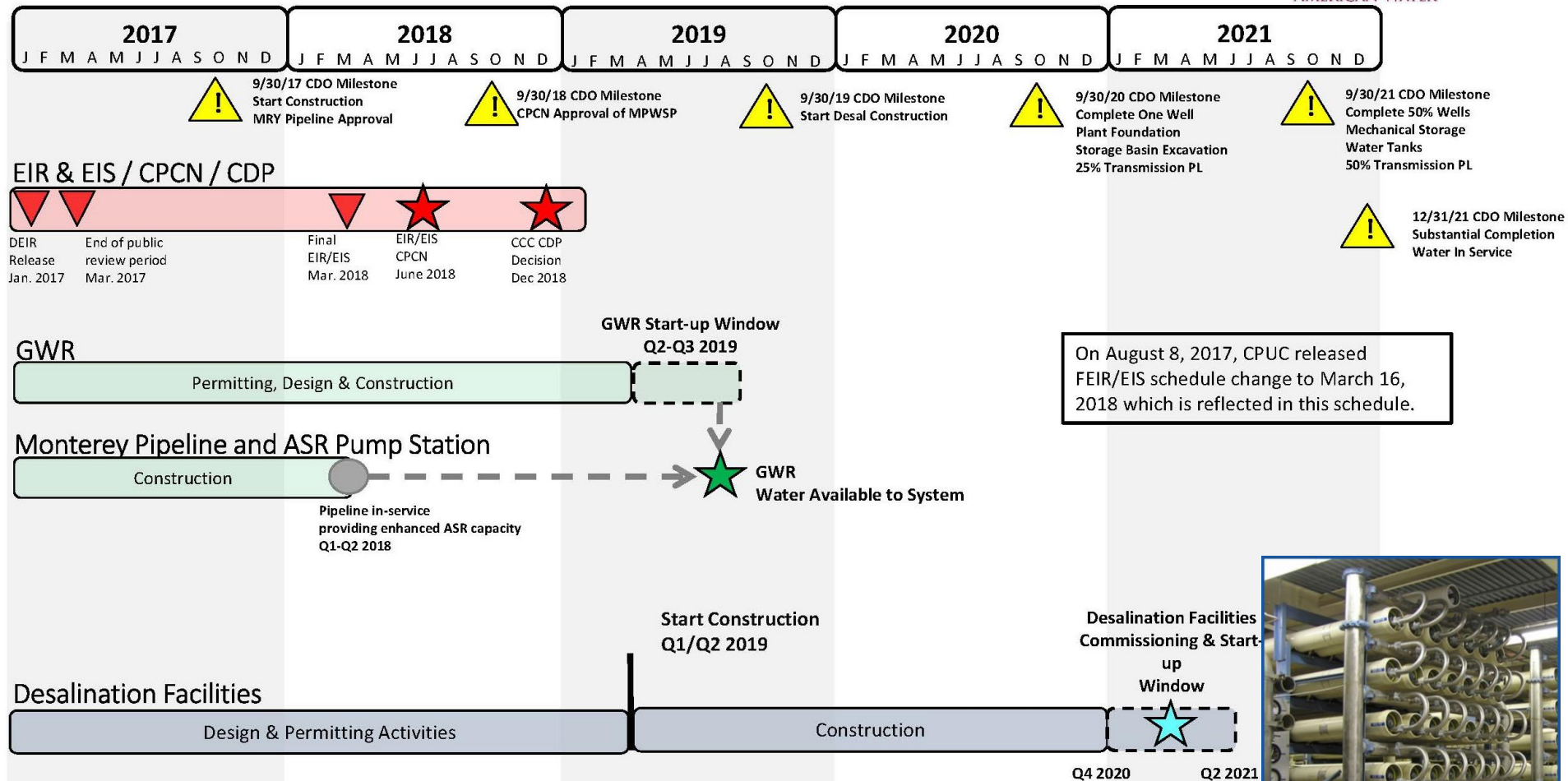


7 MILES OF PIPE

INSTALLATION OF 36-INCH MAIN UNDERWAY

Pipeline Celebration
October 1, 10:00am
Eardley Roundabout
Pacific Grove

Desalination Plant and Pipeline



Cal-Am MPWSP Expenditures thru June 30, 2018

	Total	Percent	Expended
<u>Project Component</u>	<u>Cost Est</u>	<u>to Date</u>	<u>to Date</u>
Intake and Supply Return	\$ 80,000,000	31%	\$ 24,800,000
Desal Plant	\$ 132,000,000	19%	\$ 23,760,000
Pipelines	\$ 117,000,000	63%	\$ 73,710,000
Pre-Construction	<u>\$ 8,000,000</u>	100%	<u>\$ 8,000,000</u>
	\$ 337,000,000		\$ 130,270,000

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

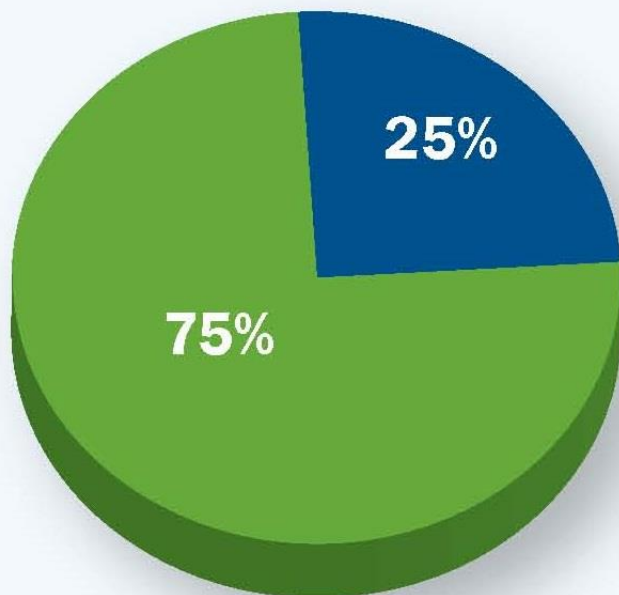
2021. Substantial Completion

Malpaso (Odello) Water Thru 7-31-18

Assignments	Water Use Permits	Water Permits
An assignment is the evidence of sale of the water entitlement from Malpaso LLC to the property owner. It is recorded on title to the property.	A water use permit issued by the District acknowledges the entitlement and is filed with the District's property file. Not all entitlement holders execute this step.	When building plans are ready, the District will issue a water permit based on the water available from the entitlement.
To date: 70.05 AF	38.97 AF	9.737 AF
Remaining: 9.95 AF		
Total #: 367	149	85
Residential #: 334		
Non-Residential or Mixed #: 33		

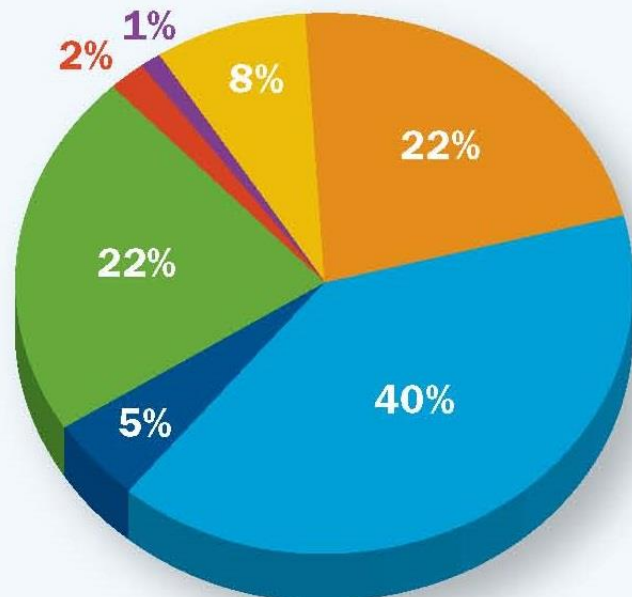
Changing Sources of Supply on the Monterey Peninsula

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.