



## Action Item 11:

Consider Entering into a Reimbursement Agreement with California American Water and Act as Lead CEQA Agency for Construction of a Bypass Pipeline to Allow Simultaneous Pure Water Monterey Recovery and ASR Injection

*Meeting Date: April 20, 2020*

*Staff contact: Jonathan Lear*

# Parallel Pipeline

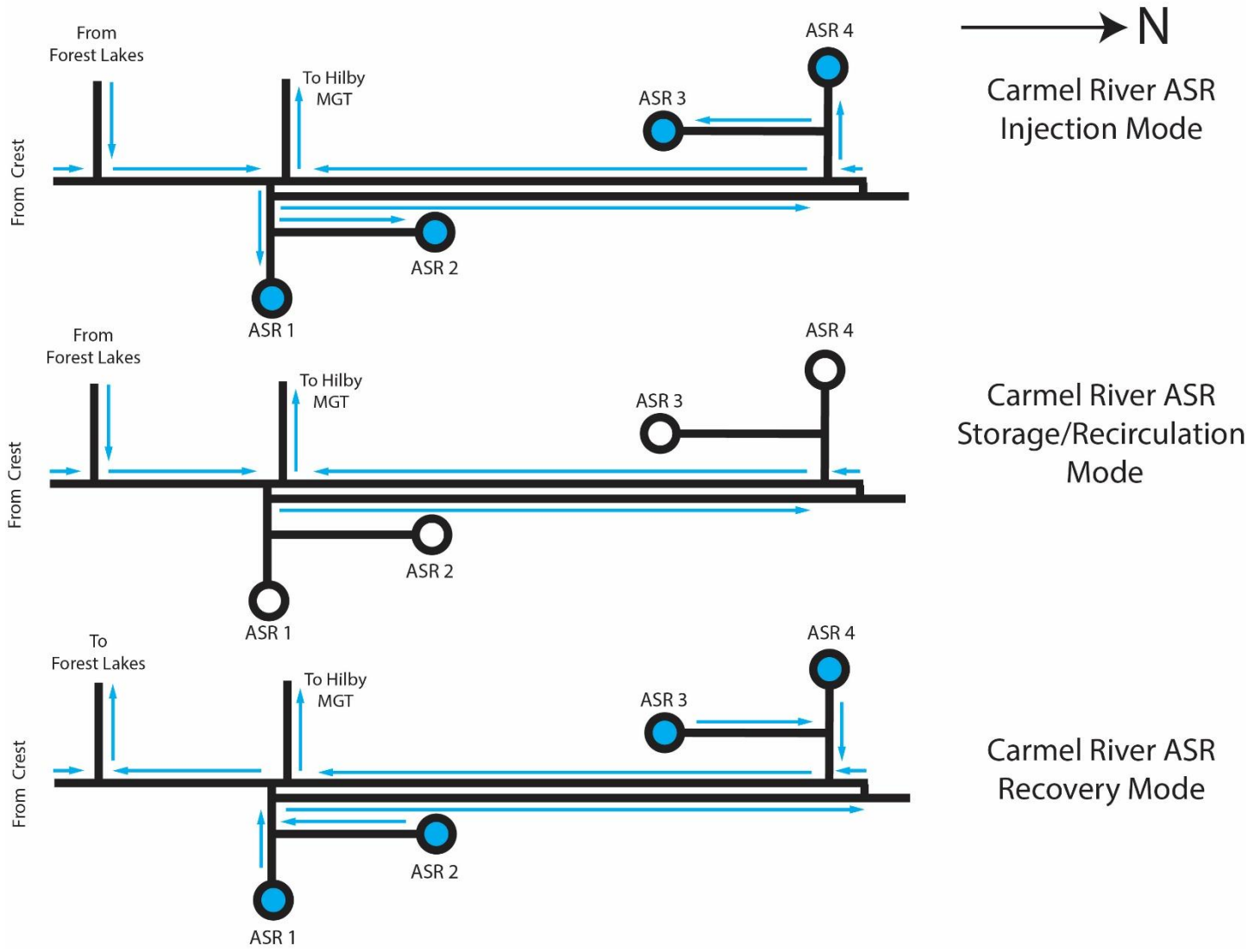
- Quarterly Water Budget planning process identified the need for 1.3 miles of pipeline required to allow simultaneous Pure Water Monterey and Carmel River ASR injection for WY 2021
- As production from the Carmel River Basin is shifted to the Seaside Groundwater Basin, there are more months of the year that Peninsula demand will be met from wells in the Seaside Basin.
- It was identified that during Spring to early Summer months, there would be a need to begin recovering PWM water while continuing to inject ASR water

# Parallel Pipeline Location



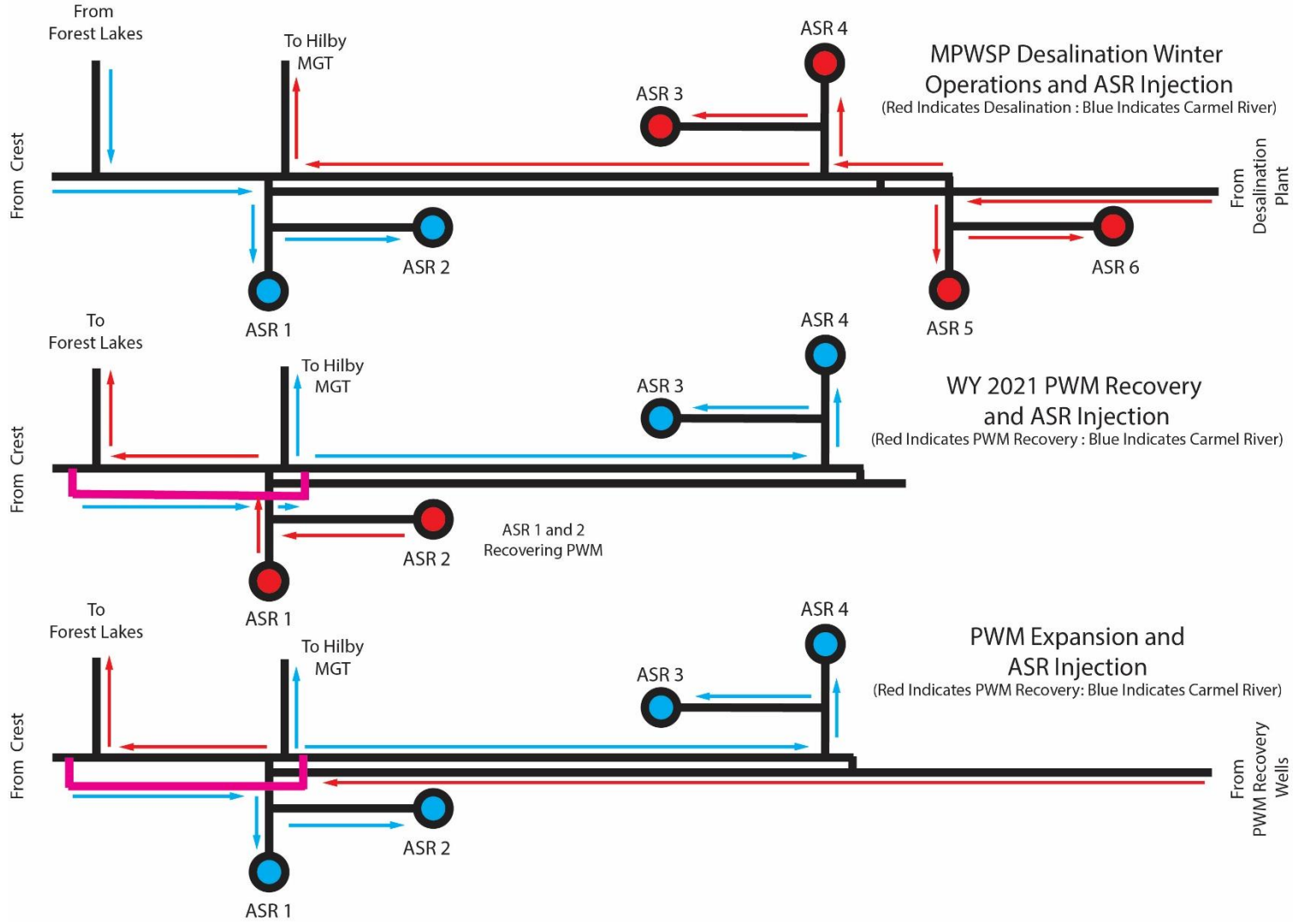
# Current Pipeline Alignment

## Current Carmel River ASR Operations




# Parallel Pipeline Functionality

## Functionality of Proposed Pipeline



- CalAm approached District Staff and asked if District would act as Lead CEQA for construction of pipeline
- Denise Duffy and Associates have provided a Scope of Work and Budget for not to exceed \$ 28,567 to complete the required CEQA work



**RECOMMENDATION:** Staff recommends that the Board of Directors authorize the General Manager to enter into a reimbursement agreement with CalAm for the CEQA work to construct to bypass pipeline necessary to allow simultaneous PWM recovery and ASR injection.

# Proposed GJM pipeline to allow ASR Well 1-2 injection and ASR 3-4 extraction to maximize PWM

