# Item C-1 Provide Input for Development of the Coastal Development Permit for the Water Reclamation Facility

Morro Bay, CA March 26, 2019



# Purpose of Item



- Provide a brief history of the Water Reclamation Facility (WRF) Project
- Provide an overview of major project milestones since selection of the South Bay Boulevard site
- Receive comments from the community and City Council on the WRF Project to inform Coastal permitting process
- Guests in attendance tonight:
  - Schani Siong Senior Planner (SLO County)
  - Kevin Kahn Central Coast District Supervisor (CCC)

### Project outcomes

- Investing in a new WRF to protect the environment and provide a safe, reliable water supply
  - Advanced purification process
  - Minimize ratepayer impacts
  - Minimize impacts to local residents and business owners



### How we got here

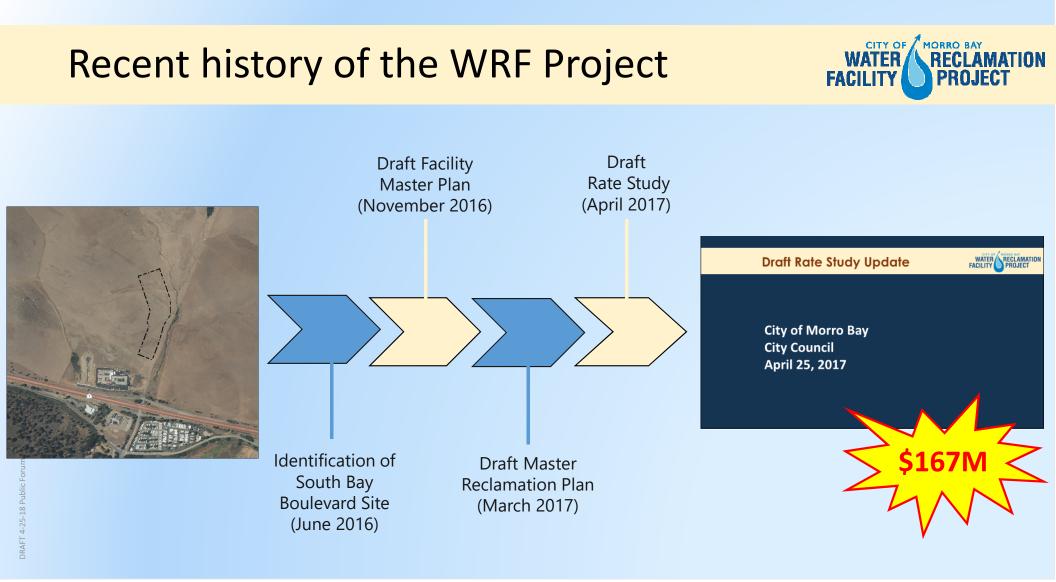
 Coordination with County planning and California Coastal Commission (CCC) staff

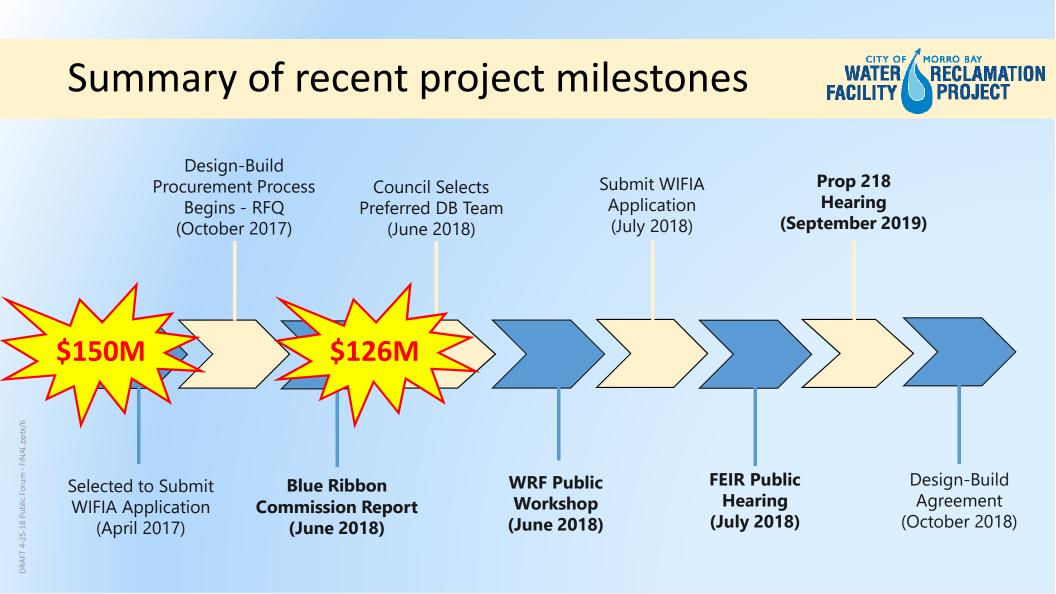
CITY OF

FACILI

MORRO BAY

- Overlapping jurisdiction
  - City Conveyance Facilities/Recycled Water Facilities
  - County WRF (South Bay Boulevard site)
  - Original CCC Outfall operational modifications (if needed)
- Schedule benefits
- Direction from Council (January 22, 2019)





#### **Project overview**





DRAFT 4-25-18 Public Forum - FINAL.pptx/7

# WRF Design Build status



• Currently at the 30 percent design stage • Innovative wet weather treatment approach • No impacts to jurisdictional waters Construction to start following receipt of CDP and environmental review from SRF (if needed) CEPSET FROM FROM ALTER STATES 108-119

# **Conveyance Facilities status**

- Optimization leading to cost savings, operational improvements, and minimized impacts from coastal hazards
  - Addition of second lift station
  - Secondary forcemain for wet weather flows
- Focused on avoiding impacts to jurisdictional waterways
  - Morro Creek
  - Willow Camp Creek

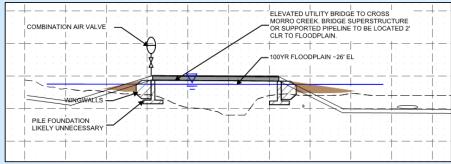


CITY OF

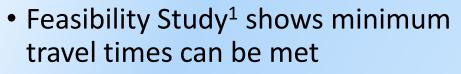
WATER

FACILITY

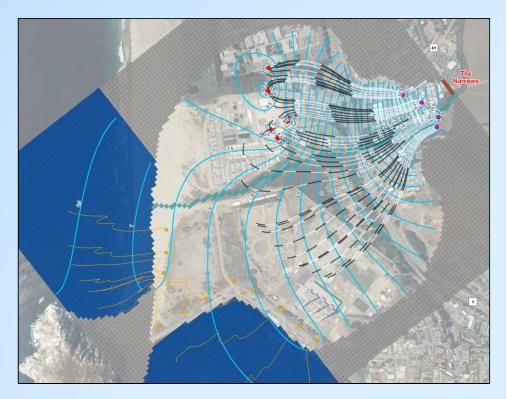
MORRO BAY



# **Recycled Water Facilities status**



- Additional hydrogeological work in progress
  - May 2019 Begin Pilot Testing
  - Sep 2019 Confirm Injection Location(s)
  - Oct 2019 Finalize Travel Time
  - Dec 2019 Injection Well Design Criteria



CITY OF

FACII

### Environmental review status



- Preparing addendum to include
  - Additional lift station
  - Replacement of forcemain from LS-2
  - Laydown area alternatives
  - Revised alignment at Lila Keiser Park, South Bay Boulevard, and Atascadero Road
  - Impacts at Willow Camp Creek



# Funding status

- WIFIA
  - Performing review of application (environmental)
  - Finalizing loan terms and agreement
- Clean Water SRF
  - Complete application in December 2018
  - 2019 score received (14/14 points)
  - Fundable list available in April 2019
  - Performing review of application (environmental)



MORRO BAY

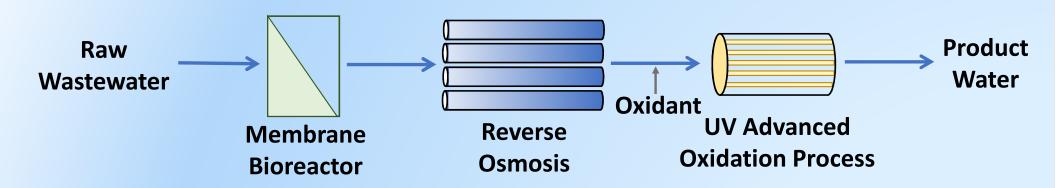
CITY OF

WATER

FACILITY



### **Potable Reuse Permitting**



CITY OF

- Treatment process confirmed
- Engaged with Division of Drinking Water
- Preparing Title 22 Engineering Report, Report of Waste Discharge, and Enhanced Source Control Program
- Progressing hydrogeological work to finalize travel time

#### Next steps

- Continue regular communication with CCC, County planning, and RWQCB staff
- Continue design of the WRF and Conveyance Facilities projects
- Continue hydrogeology work to determine the preferred groundwater injection location(s)

CITY OF

- Advance the design of the Conveyance Facilities Project to determine the extent (if any) of jurisdictional impacts
  - Pursue appropriate permits with CDFW, USACE, and RWQCB (if needed)
- Continue regular communication with CWSRF and WIFIA staff to facilitate application review and loan agreement development

# Council Questions and Public Comments

