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

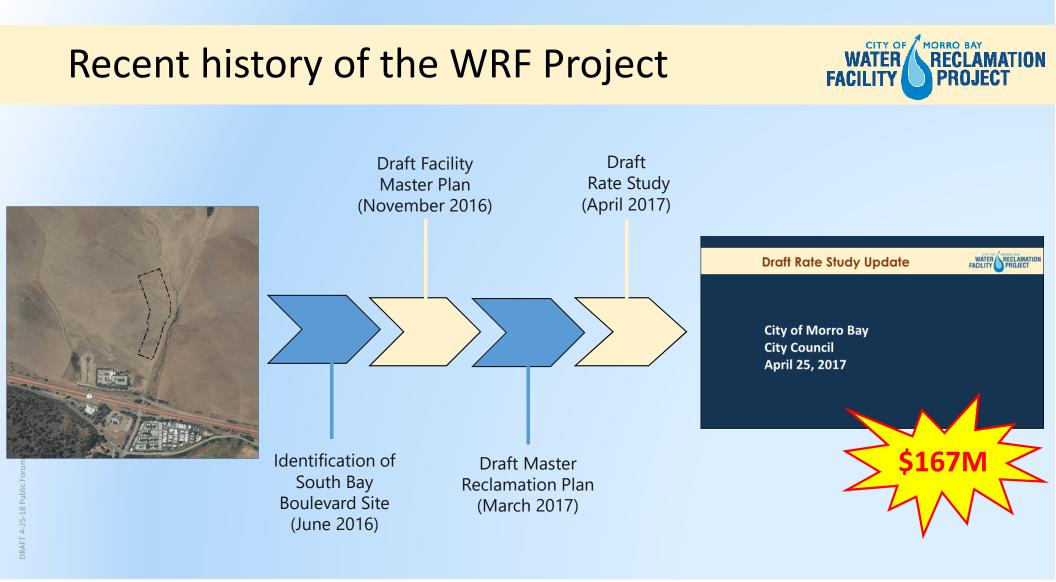
 Coordination with County planning and California Coastal Commission (CCC) staff

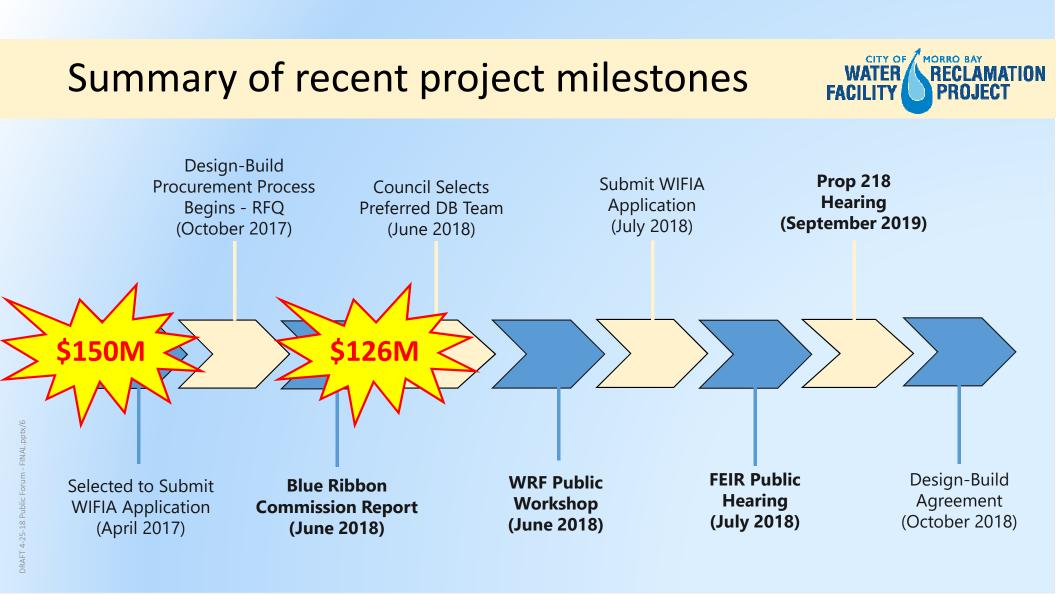
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- Overlapping jurisdiction
 - City Conveyance Facilities/Recycled Water Facilities
 - County WRF (South Bay Boulevard site)
 - Original CCC Outfall operational modifications (if needed)
- Schedule benefits
- Direction from Council (January 22, 2019)





Project overview





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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

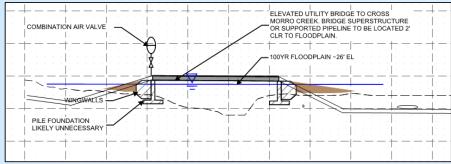


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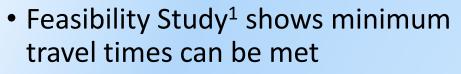
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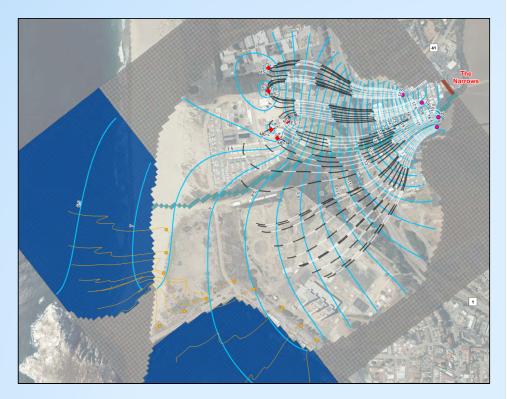
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Recycled Water Facilities status



- 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



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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)



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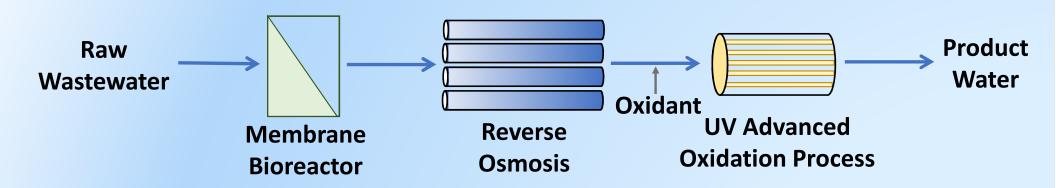
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Potable Reuse Permitting



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- 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)

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- 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

