

Water Reclamation Facility Community Forum

Listen, Learn, and Comment
Facilitated by Don Maruska
May 16, 2018



Multiple ways for you to participate

1. Listen and learn about latest updates to the project
2. Submit written questions for an organized discussion of your issues and concerns
3. Offer additional questions and verbal comments
4. Sign up for project information updates
(<http://morrobaywrf.com/community-member-signup/>)
5. Submit additional comments online (<http://morrobaywrf.com/contact/>)
6. Public comments on the Draft EIR being received through May 18, 2018

Information update sign-up

A screenshot of the website for the City of Morro Bay Water Reclamation Facility Project. The website has a dark blue header with navigation links: "ABOUT THE PROJECT", "MEETINGS AND DOCUMENTS", "PROJECT SCHEDULE", and "CONTACT". The main content area features a large background image of Morro Rock. On the left, there is a "Hot Topics" section with a teal header. The first topic is "Community Meeting: May 16, 2018 @ 3:00 PM", with a description and a link to a flyer. Below this is a small image of the community meeting flyer. On the right, there is a registration section with a search bar and a prompt to "Register with us to receive WRF project information." Below this are two circular buttons: "Community Member" (teal) and "Industry Vendor" (green). The "Community Member" button is circled in red. Below the buttons is a section titled "Water Reclamation Facility Goals" with a paragraph and a bulleted list of goals.

ABOUT THE PROJECT MEETINGS AND DOCUMENTS PROJECT SCHEDULE CONTACT

CITY OF MORRO BAY
WATER RECLAMATION
FACILITY PROJECT

Search... Search

Register with us to receive WRF project information.
Choose one below:

Community Member Industry Vendor

Hot Topics

Community Meeting: May 16, 2018 @ 3:00 PM

The City is hosting a community meeting at the Morro Bay Library on May 16, 2018 at 3:00 PM. Learn more in the [flyer](#).

CITY OF MORRO BAY
WATER RECLAMATION
FACILITY PROJECT

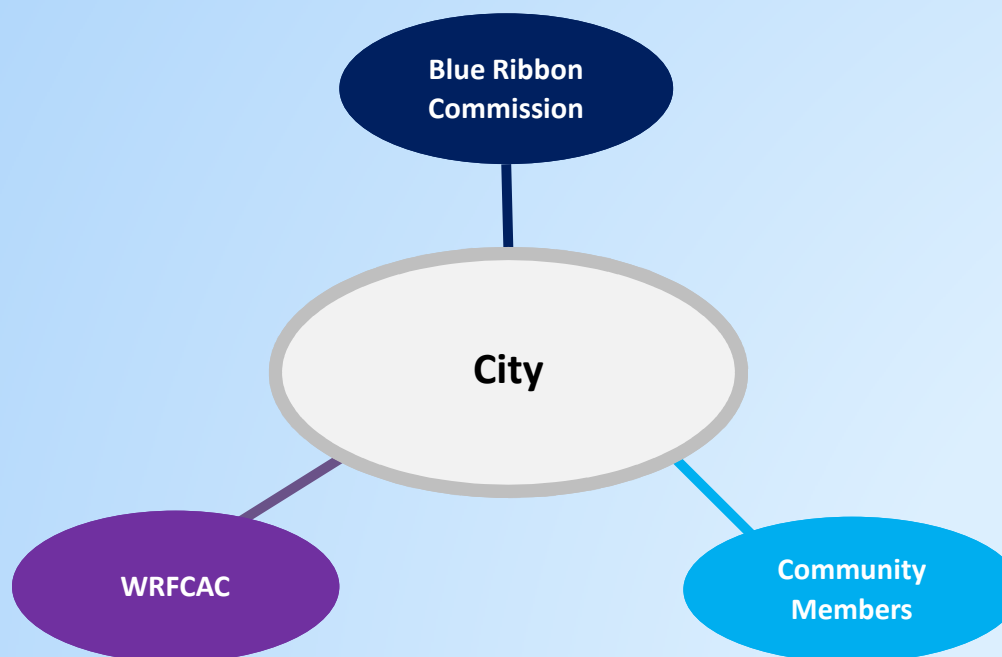
WATER RECLAMATION FACILITY COMMUNITY MEETING

Water Reclamation Facility Goals

Morro Bay's Water Reclamation Facility Community Goals, adopted by City Council in December 2013 and amended on October 24, 2017, are:

- All aspects of the WRF project shall be completed ensuring economic value with a special emphasis on minimizing rate payer and City expense.
- Communicate WRF project progress including general project status, milestones, and budget/cost information to our community members regularly.

Community involvement



WRFCAC



- Purpose
 - Provide technical direction and oversight for the WRF Program
- Activities
 - Review WRF design-build proposals
 - Provide input into all technical aspects of the program
 - Mechanism for public participation
- Members
 - Stephen Shively
 - Valarie Levulett
 - Paul Donnelly
 - Richard Sadowski
 - Barbara Spagnola
 - Doug Rogers

Blue Ribbon Commission

- Purpose
 - Provide independent review of technical direction and oversight for the development of the new rates
- Activities
 - Review of the major program costs
 - Review the proposed rates
 - Provide a recommendation to WRFCAC and City Council (via City Manager)
- Members
 - Barbara Spagnola (CFAC)
 - John Martin (CFAC)
 - Homer Alexander
 - Joan Solu

Why are the costs so high?

Cost Drivers	Cost Impacts
Plant relocation (RWQCB, Coastal Commission, tsunami, sea level rise)	<ul style="list-style-type: none"> • New large pump station(s) • 17,000 LF of conveyance pipelines
Reclamation component (RWQCB, funding, drought security)	<ul style="list-style-type: none"> • Advanced treatment for potable reuse • Offsite facilities for groundwater injection
Neighborhood compatibility	<ul style="list-style-type: none"> • Longer pipelines

Project Goals

- All aspects of the WRF project shall be completed ensuring economic value with a special emphasis on **minimizing rate payer and City expense**
- **Communicate WRF project progress** including general project status, milestones, and budget/cost information to our community members regularly
- Produce **tertiary, disinfected wastewater** in accordance with Title 22 requirements for unrestricted urban irrigation

Project Goals (cont.)

- Design to produce reclaimed wastewater to **augment the City's water supply**, by either direct or indirect means, as described in a master water reclamation plan and to maximize funding opportunities
- Include features in the WRF project that maximize the City's opportunities to **secure funding** and maximize efficiencies
- Design to minimize the impacts from **contaminants of emerging concern** in the future
- Ensure compatibility with **neighboring land uses**

New Water Reclamation Facility

- Draft Facility Master Plan completed Dec 2016
- Full tertiary treatment with advanced treatment for potable reuse
- Outside area of coastal hazards
- Minimal aesthetic impacts



Reclamation Overview

- Master Reclamation Plan evaluates multiple reuse options
- Potable reuse ranks highest
- Potential to offset ~80% of City's current water demand
- Initial hydrogeology studies completed
- Additional study required to assess seawater intrusion and nitrogen impacts



Project components

- WRF Package
 - Demolition of existing WWTP
 - New WRF
- Conveyance
 - Raw wastewater pump station
 - Raw wastewater pipeline
 - Brine pipeline to outfall
- Recycled Water Offsite
 - Pipelines to injection wells
 - Injection wells



Recent Activities

- Public Works Peer Review
- South Bay Boulevard site confirmed
- Project goals updated
- Conveyance design contract awarded to Waterworks Engineers
- WRF Design-Build team procurement
- Draft EIR
- City Council hires Carollo Engineers as Program Manager

Next Steps

- Conveyance design (ongoing)
- Grant and loan pursuit (ongoing)
- Initiate additional groundwater studies for potable reuse
- Review and evaluate WRF proposals
- Negotiate and award contract to WRF Design-Build team
- Certify Final EIR

Next Steps

- Update Rate Study
 - Blue Ribbon Commission Review
 - Staff Review
 - WRFCAC Review
 - City Council Review
- Prop 218



Questions and Discussion