

Item B-3

Public Works Advisory Board

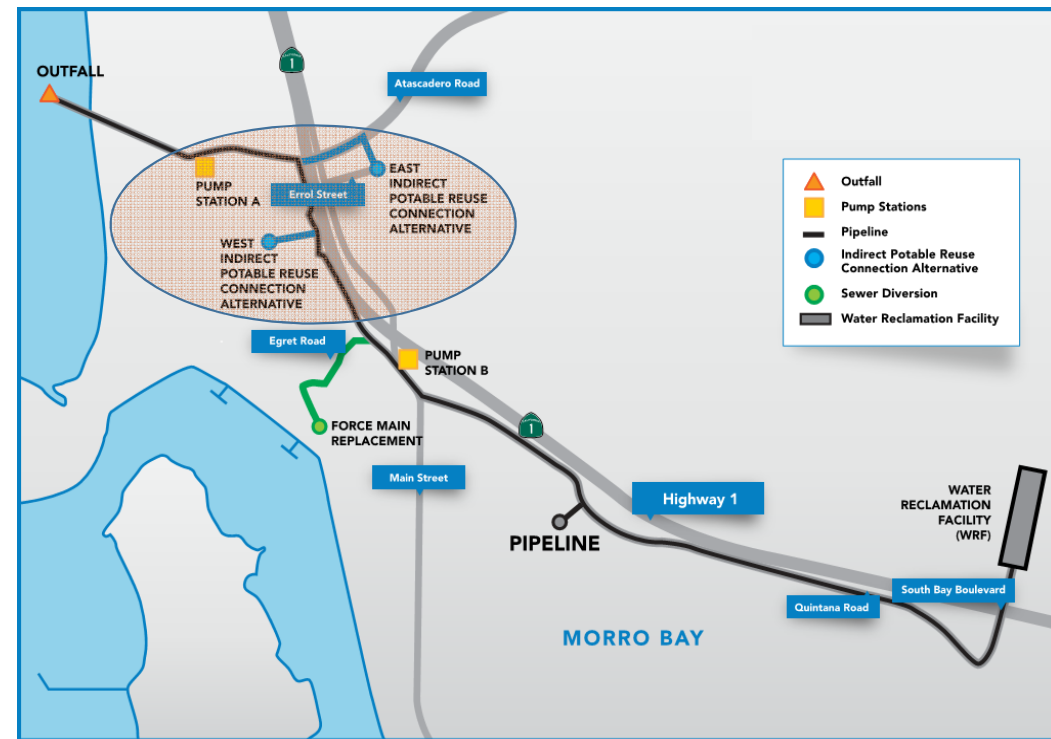
Sewer Use Ordinance Revisions
August 19, 2020



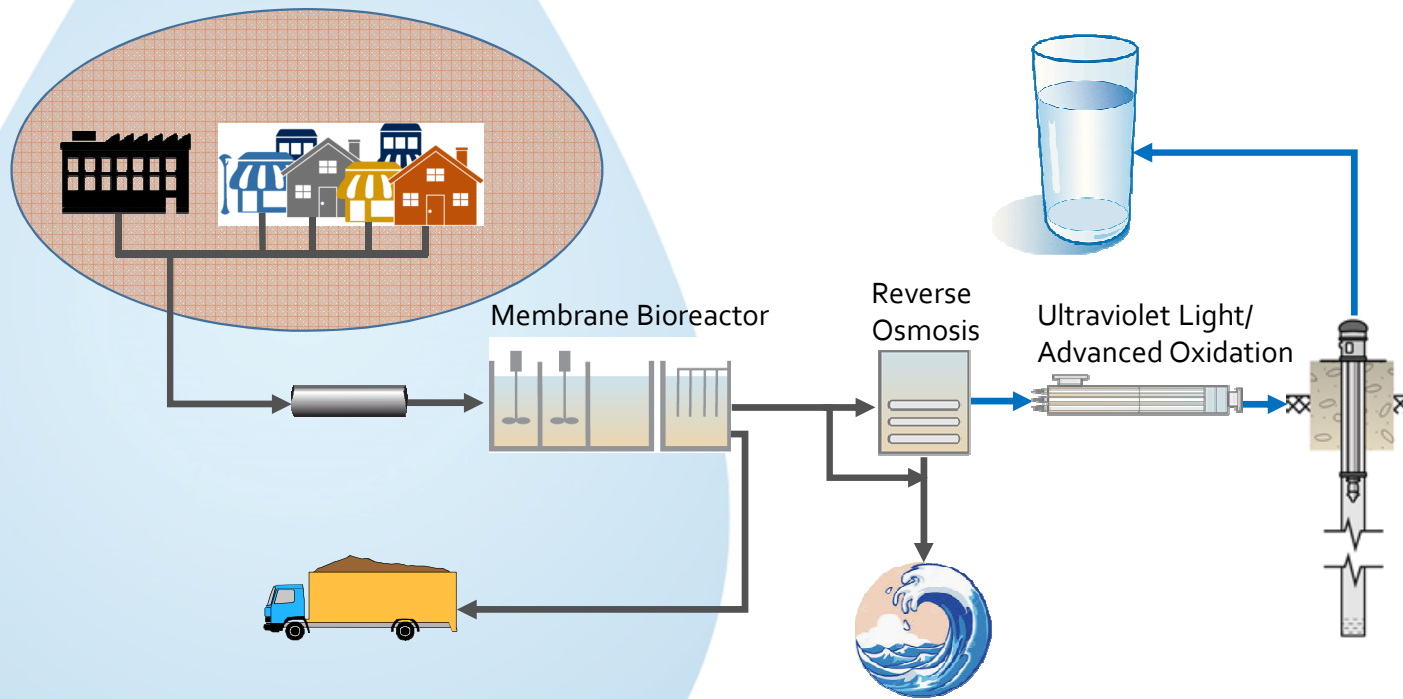
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City is investing in new Water Reclamation Facility

- Water Reclamation Facility (WRF)
 - New 1 mgd WRF
- Conveyance Facilities
 - Raw wastewater pump stations
 - Raw wastewater pipelines
 - Pipelines to injection wells
 - Brine pipeline to outfall
- Potable Reuse Facilities
 - Advanced Treatment
 - Injection wells (up to 825 AFY)



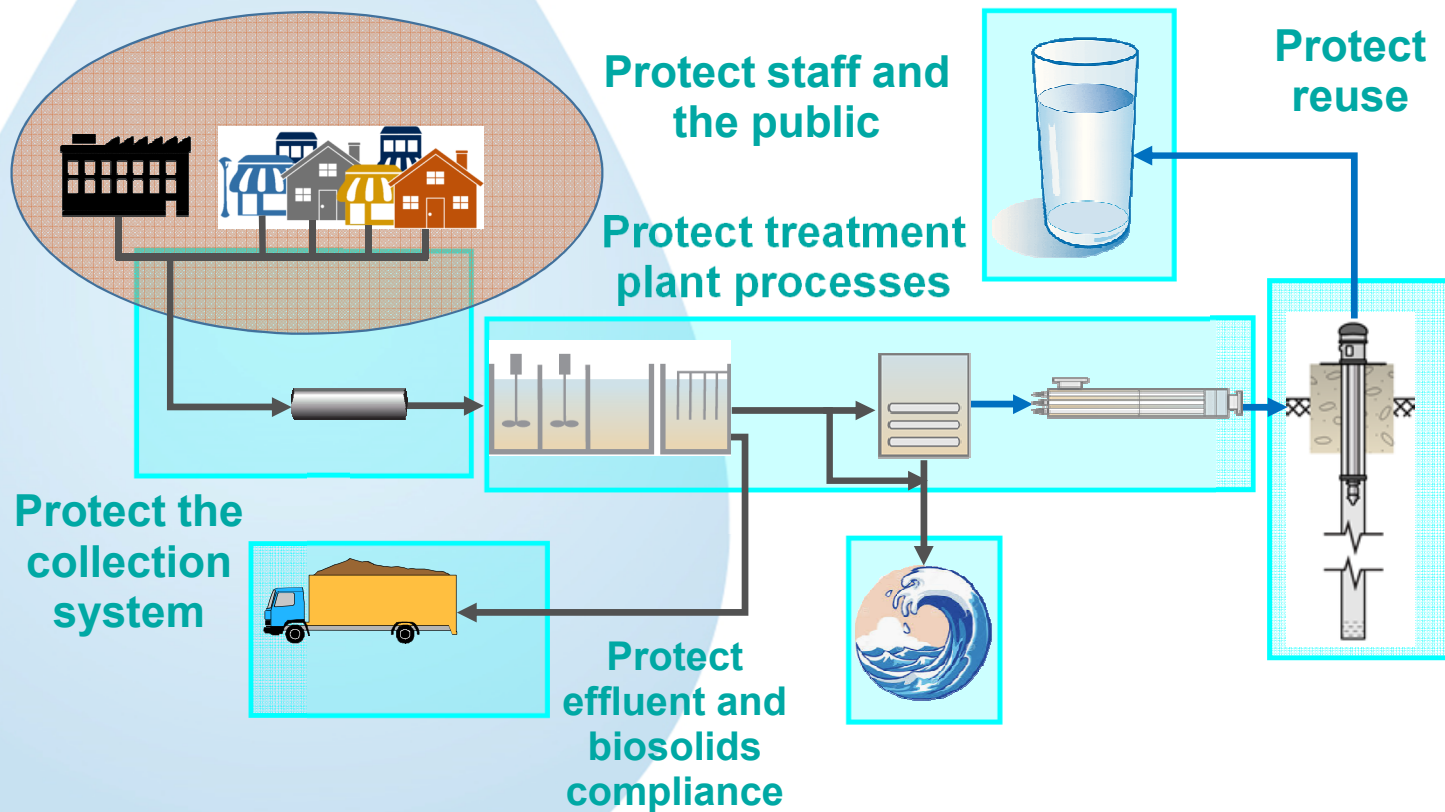
WRF is designed to augment local water supply



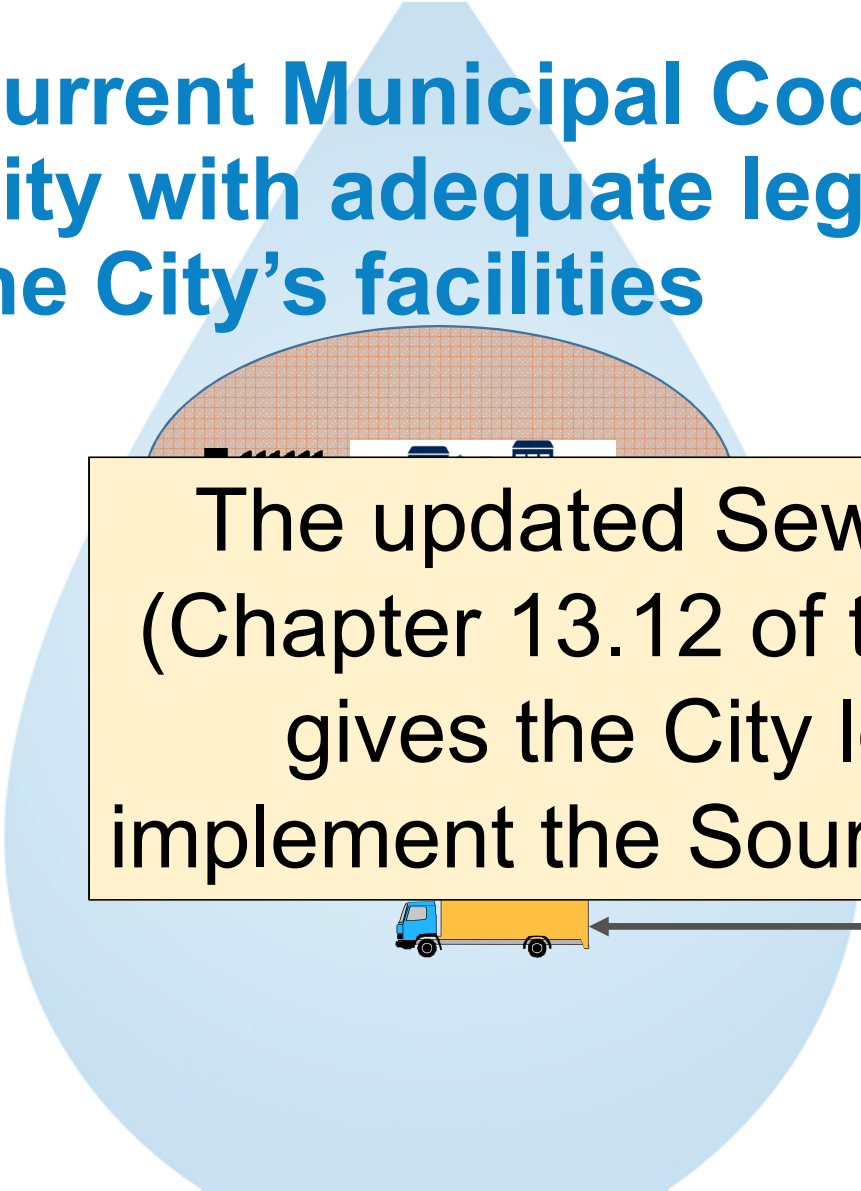
California Division of Drinking Water (DDW) Source Control Requirements

- Administer an Industrial Pretreatment and Source Control Program
- Produce effluent and recycled water in compliance with ALL permit limits
- Elements
 - Assess fate of contaminants
 - Source investigations and monitoring
 - Outreach program
 - Contaminant inventory

Source Control Program will help protect the City's Water Supply



Current Municipal Code does not provide the City with adequate legal authority to protect the City's facilities



The updated Sewer Use Ordinance
(Chapter 13.12 of the Municipal Code)
gives the City legal authority to
implement the Source Control Program.

Major Changes to the Sewer Use Ordinance

- Authorizes the City to issue wastewater discharge permits
- Provides monitoring, reporting, and compliance requirements for industrial users
- Establishes the City's enforcement policies
- Establishes discharge limits for industrial users
- Incorporates the City's Fats, Oils, and Grease (FOG) program

Parameters with Discharge Limits for Industrial Users

Pollutant / Parameter	Pollutant / Parameter
pH	Boron
Temperature	Bromide
Fats, Oils, & Grease (FOG) (animal or vegetable)	Total Dissolved Solids (TDS)
Total Petroleum Hydrocarbons (TPH)	1,4-Dioxane
Five-day Biochemical Oxygen Demand (BOD ₅)	Mercury
Total Suspended Solids (TSS)	N-Nitrosodimethylamine (NDMA)
Ammonia Nitrogen (NH ₃ -N)	Iron

Activities Following Adoption

- All provisions of the SUO will be effective immediately after adoption
- City will develop discharge permits for IUs and businesses
 - Industries within one year
 - Select businesses will be permitted gradually over 3-years
 - 178 restaurants
 - 33 commercial businesses
- Implementation will involve outreach to industries, businesses, and residents.

Next Steps for SUO

- Workshop with City Council – September 2020
- Two Readings of Ordinance at Council Meetings
 - October 2020 – First Reading
 - October 2020 – Second Reading and Adoption





Questions

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