

# Malibu Civic Center Wastewater Treatment Facility Phase Two



# Malibu Civic Center Area Prohibition and MOU



Regional Water Quality Control Board (RWQCB)

State Water Resources Control Board (SWRCB)

- ❖ **June 2011: Council approved a Memorandum of Understanding (MOU) with water boards that requires properties in the Civic Center area to connect to a centralized wastewater treatment facility (sewer)**
  
- ❖ **Phased Project**
  - ❖ **Phase One: Connect by September 2018 (mostly commercial)**
  - ❖ **Phase Two: Connect by November 2024 (mostly residential)**
  - ❖ **Phase Three: Connect by 2028 (if necessary)**

# Environmental Benefits of the Project

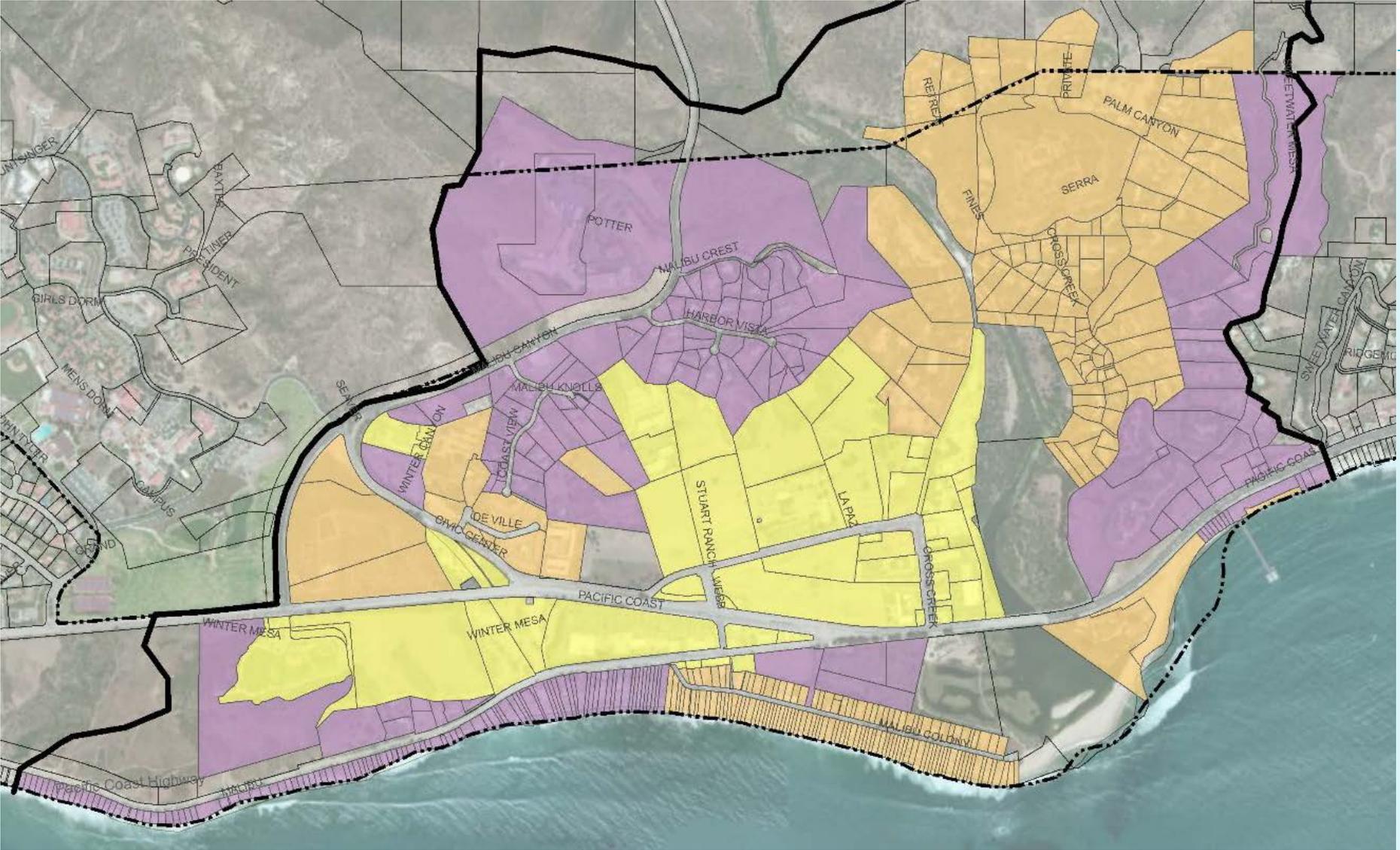


Meets the environmental requirements of RWQCB  
Protects creek and ocean water quality  
Protects groundwater quality



Generates up to 70 million gallons a year of recycled water  
Reduces Malibu's reliance on potable water

# Malibu Civic Center Area Prohibition Map



-  Phase 1
-  Phase 2
-  Phase 3

# Phase One Information



- ❖ **Connects 57 parcels to a centralized facility**
  - ❖ 2 parcels are the actual facility site
  
- ❖ **Cost of design and construction: \$61.2 million**
  - ❖ Design funded by City and a Community Facilities District
  - ❖ Construction funded by an Assessment District – paid by property owners
    - ❖ Grant and low-interest loans from the State Water Resources Control Board
    - ❖ Bonds

**Project is on schedule and on budget**

# Phase One Treatment Facility



**CITY OF MALIBU**  
CIVIC CENTER WASTEWATER  
TREATMENT PLANT PROJECT  
5/25/2017

# Phase One Pipelines



- Installed Pipelines/Pump Stations
- Remaining Pipeline/Pump Stations Work



# Phase One Injection Wells



● Injection Well Locations



# Collection and Return System – All Phases



# Anticipated Benefits for Property Owners



## ❖ Cost to replace aging or failing systems

- ❖ Typical range for most OWTS replacements \$50K - \$120K (plus 20% for design and permitting)
- ❖ For beachfront OWTS, up to \$200K or more

## ❖ Benefits of connecting to a centralized system

- ❖ Cost of septic system replaced by assessment payments and monthly service charges
- ❖ Property owners no longer need to reserve space on lot for septic systems
- ❖ Property owners will be able to add bedrooms and plumbing fixtures

## Why Phase Two?

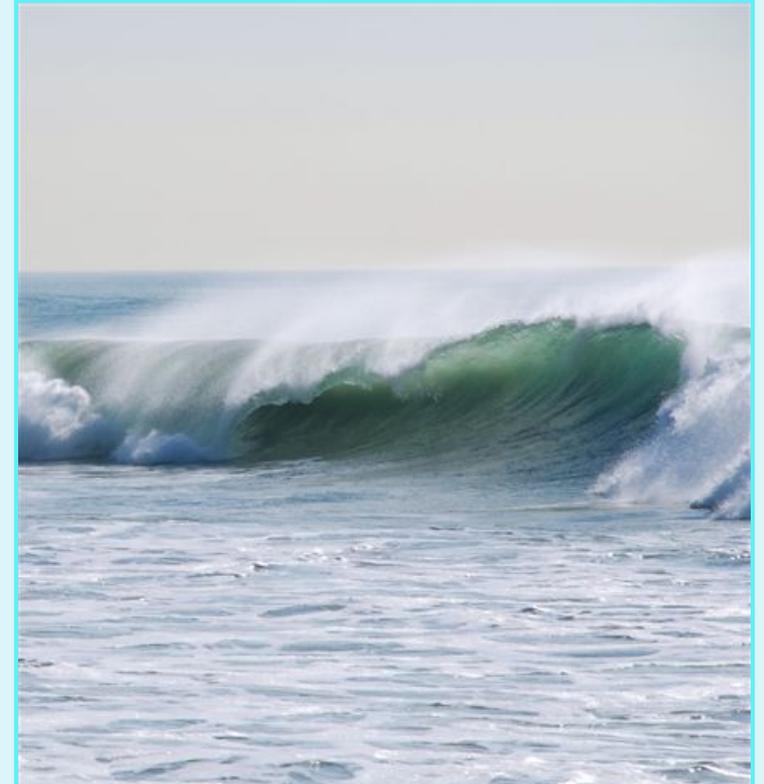


- ❖ **Original Prohibition - RWQCB Resolution No. R4-2009-007**
- ❖ **Memorandum of Understanding - RWQCB Resolution R14-012**
- ❖ **Malibu Creek Watershed Nutrient TMDL Implementation Plan - RWQCB Resolution R16-009**

# Phase Two Information



- ❖ **444 properties**
  - ❖ 247 Single Family Homes
  - ❖ 191 Condos
  - ❖ 6 Other
- ❖ **Estimated Cost: \$35 million**
- ❖ **Mandated Completion Date: November 2024**
- ❖ **Regular Stakeholder Meetings**



[www.malibucity.org/Phase2](http://www.malibucity.org/Phase2)