

# Malibu Civic Center Stakeholders Meeting



**June 27, 2013  
Malibu City Hall  
8:30 a.m.**

# Meeting Agenda



- Regional Water Quality Control Board
- Community Facilities District (CFD)
- Assessment District (AD)
- Wastewater Facility Design
- Questions/Comments
- Next Meeting July 25, 2013
- Adjourn

# Regional Water Quality Control Board



- On April 17, 2013 met with Eric Wu of the RWQCB (Groundwater and Permitting Unit) ✓

- Discussed:

- ❖ Project milestones ✓
- ❖ EIR ✓
- ❖ CDP requirements ✓
- ❖ Monitoring well and locations ✓
- ❖ Test injection ✓
- ❖ Pump testing of aquifer ✓
- ❖ US EPA requirements ✓
- ❖ Department of Public Health review ✓
- ❖ Permits ✓

# Regional Water Quality Control Board



- Submitted all information for permit application to allow injection testing of the Civic Center Aquifer with potable water. 
  - ❖ Board has assured that permit will be ready for scheduled aquifer testing in June. 
  
- On June 19, 2013 staff again met with Eric Wu of the RWQCB (Groundwater and Permitting Unit) 
  
- Discussed: 
  - ❖ ATS Permit.
  - ❖ Status of the city's regulatory obligations (CDP, CEQA, EIR).
  - ❖ WDR Permit limits and requirements.
  - ❖ Water balance and expanded recycle water use.

# Regional Water Quality Control Board



- ❖ Injection of Recycled Water Program Description.
- ❖ Malibu Valley Groundwater Basin
- ❖ Malibu Creek Nutrient TMDL.
- ❖ Local Agency Management Plan.

On June 25, 2013 staff sent to the RWQCB the second quarter project progress report.

# Community Facilities District (CFD)



- Bond sale closed in February 2013 ✓
- City received funds in February 2013 ✓
- **No other updates**

# Assessment District (AD)



- RFP is currently out to obtain an Assessment Engineering Consultant
- RFP is due August 1, 2013
- Should have Assessment Engineer onboard in August 2013



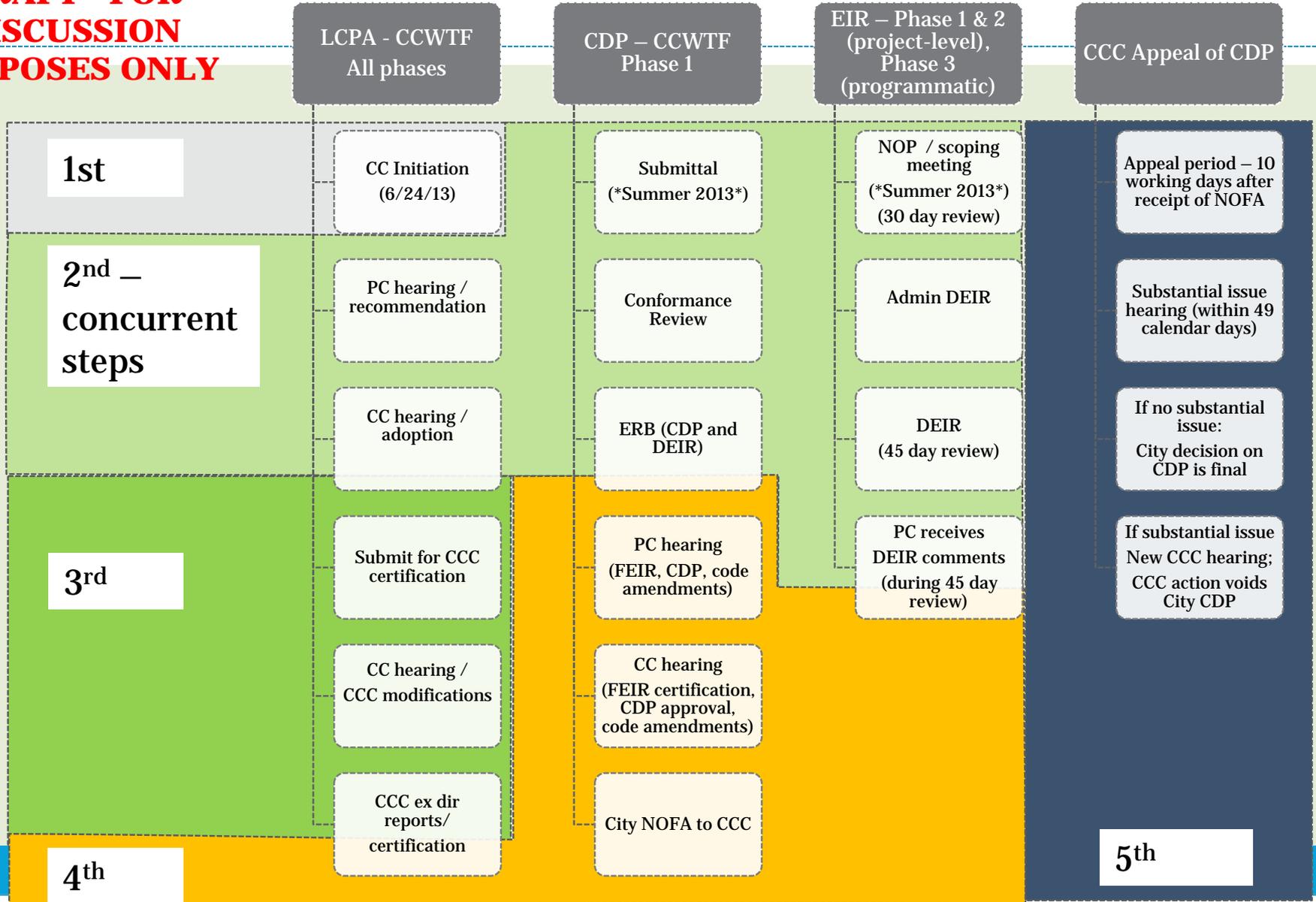
# Wastewater Facility Design



- Groundwater Injection Study
  - ❖ Phase 1 – cursory modeling and scoping ✓
  - ❖ Phase 2 – preliminary feasibility assessment ✓
  - ❖ Phase 3 – monitoring & injection well construction, testing, analysis, modeling, injection well pre-design
- Environmental Impact Report (EIR)
- Final Design/Construction Document

# Wastewater Facility Design-Planning Entitlements

**DRAFT - FOR DISCUSSION PURPOSES ONLY**



# Project Schedule



## Phase 3 Field Program

- Pre-field Work **(March – May 2013)**
  - ❖ Solicit and execute consultant and contractor agreements ✓
  - ❖ Select monitoring well locations and secure access ✓
  - ❖ Obtain drilling permits ✓
  - ❖ Obtain RWQCB testing permit ✓
- Monitoring well construction, development and testing **(April – August 2013)**
  - ❖ Install wells **(April 22 to May 20)** ✓
  - ❖ Develop wells **(May)** ✓
  - ❖ Test wells **(Begin July 1 RWQCB permit obtained)**
  - ❖ Analyze collected data
  - ❖ Prepare well reports

# Project Schedule



## Monitoring Wells

- Super Care Drugs - 2 wells installed ✓
- Civic Center Way - 1 well installed ✓
- Animal Hospital - 1 well installed ✓
- Malibu Road - 2 wells installed ✓
- Malibu Colony - 2 wells installed ✓
- State Park land - 1 well installed ✓

# Project Schedule



## Monitoring Wells

- Super Care Drugs (23661 PCH) - 2 wells installed



# Project Schedule



## Monitoring Wells

- Civic Center Way - 1 well installed



# Project Schedule



## Monitoring Wells

- Animal Hospital (23431 PCH) - 1 well installed



# Project Schedule



## Monitoring Wells

- Malibu Road - 2 wells being installed



# Project Schedule



## Phase 3 Field Program

- Well Injection Testing (June – August 2013)
  - ❖ MW 01 (permit obtained)
  - ❖ MW 02 (permit obtained)
  - ❖ MW 03 (permit obtained)
  
- Modeling Work (September – December 2013)
  - ❖ Updating model
  - ❖ Recalibration
  - ❖ Run scenarios
  - ❖ Perform sensitivity analysis
  - ❖ Prepare model report
  
- Begin injection well design (December 2013)

# Phase III Field Program (Malibu Colony)



## 1. Drilling and Well Construction

### ❖ Location of new wells



# Phase III Field Program (Malibu Colony)



## Location of new wells



# Project Schedule



## Environmental Impact Report (EIR)

- ❖ **Prepare and circulate NOP/IS** (March – May 2013)
  - Initiated biological survey of treatment plant site
  - Revised project description for use in EIR and Coastal development permit
  - Discussed coordination between EIR and Coastal Development permit
  - Analyze wastewater flow projections
- ❖ **Prepare and circulate Draft EIR** (March 2013– January 2014)
- ❖ **Prepare Final EIR** (January – April 2014)

# Project Schedule



## **Final design and construction documents** (April – June 2014)

- ❖ Completed on-shore and near-shore geophysics survey to estimate location of freshwater/seawater interface. Interface was found to be offshore, confirming that the lower aquifer flows to the ocean and is not blocked by a geologic feature.
- ❖ Technical review with independent treatment process experts to confirm treatment process, configuration, sizing, and planned operations.
- ❖ Perform a wetlands delineation report for Winter Canyon Wastewater Treatment Site.

# Project Schedule



- ❖ **Treatment Plant Design**
  - Process configuration
  - Site plan utilization
  
- ❖ **Collection System Design**
  - Pump station locations
  - Pump station sizing
  - Pipe alignments
  - Pipe sizing
  - Pipe crossing conflicts (Civic Center Way box culvert)
  - User Tie-in locations





# **Questions / Comments**



**Next meeting July 25, 2013**



**Thank you**