

Newport Harbor Update -

Dredging (Phase I & II)

Caulerpa

Copper TMDL



CMANC

September 16, 2021



BEFORE

EAST JETTY REPAIR

AFTER





EAST JETTY REPAIR

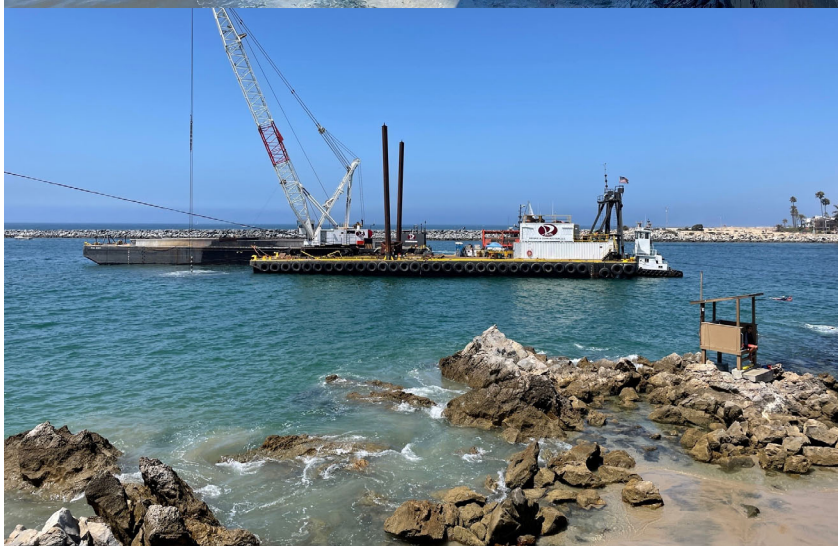


EAST JETTY REPAIR





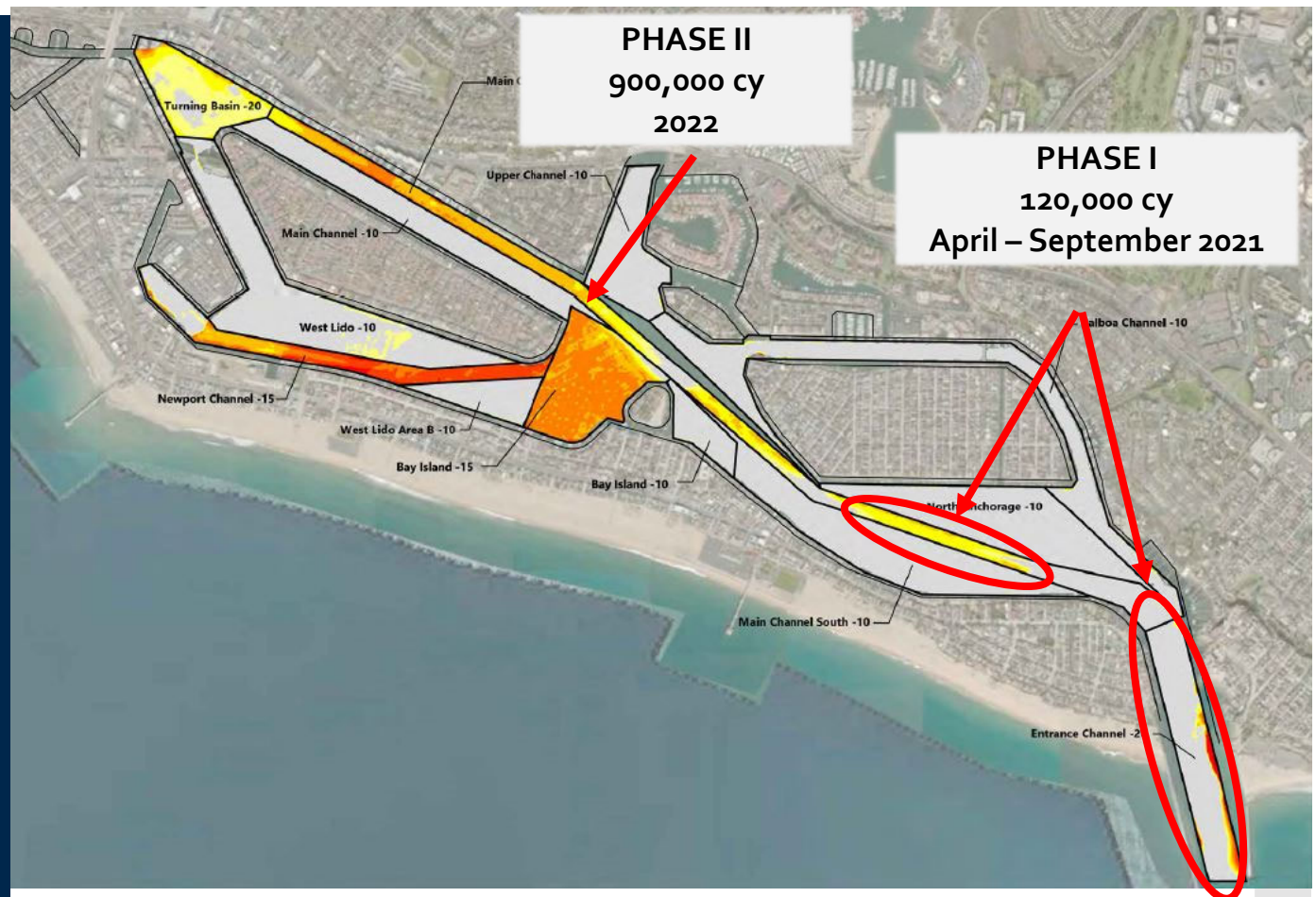
LOWER BAY DREDGING PHASE I



Federal Maintenance Dredging

Removes accumulated sediment which restores:

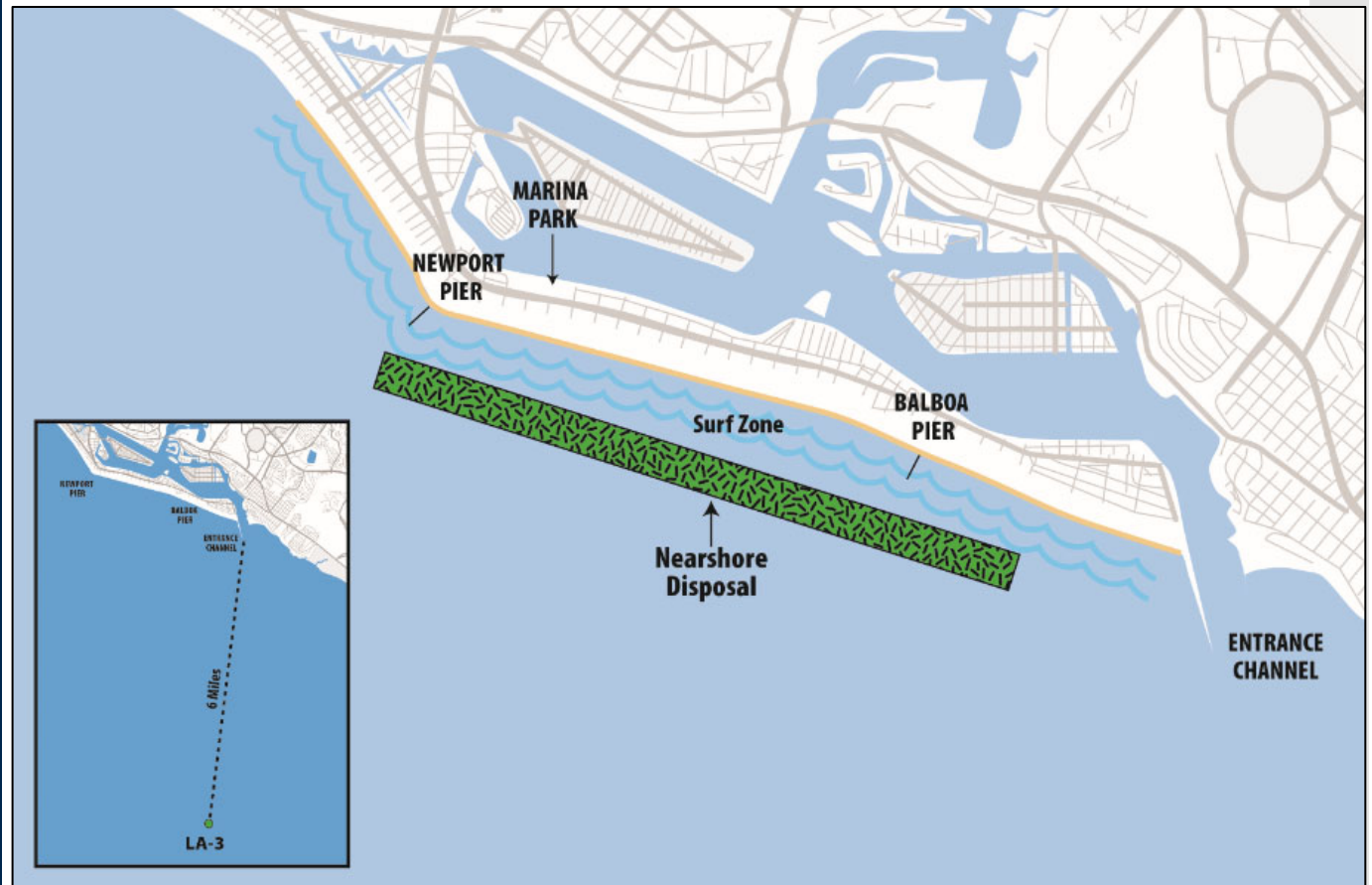
- Original Navigation
- Tidal Flushing / Improved Water Quality
- Full Use of the Harbor
- *Long-term Stewards of the Harbor*



- Maintained by the Federal Government (USACE)
 - With local sponsor (City) contribution

Most
sediment
suitable for
nearshore or
open-ocean
placement

*Replenishes
peninsula
ocean beach sand*



Regulatory/Permit Relief to
Allow Open Disposal

Hg>1.5 ppm (olive)

*After Aggressive
Advocation & Negotiating
with EPA
&
provided that we address
all Federal Channels*



Prior Project
solution to
disposal of
unsuitable
sediments

Port of LA &
Long Beach not
available

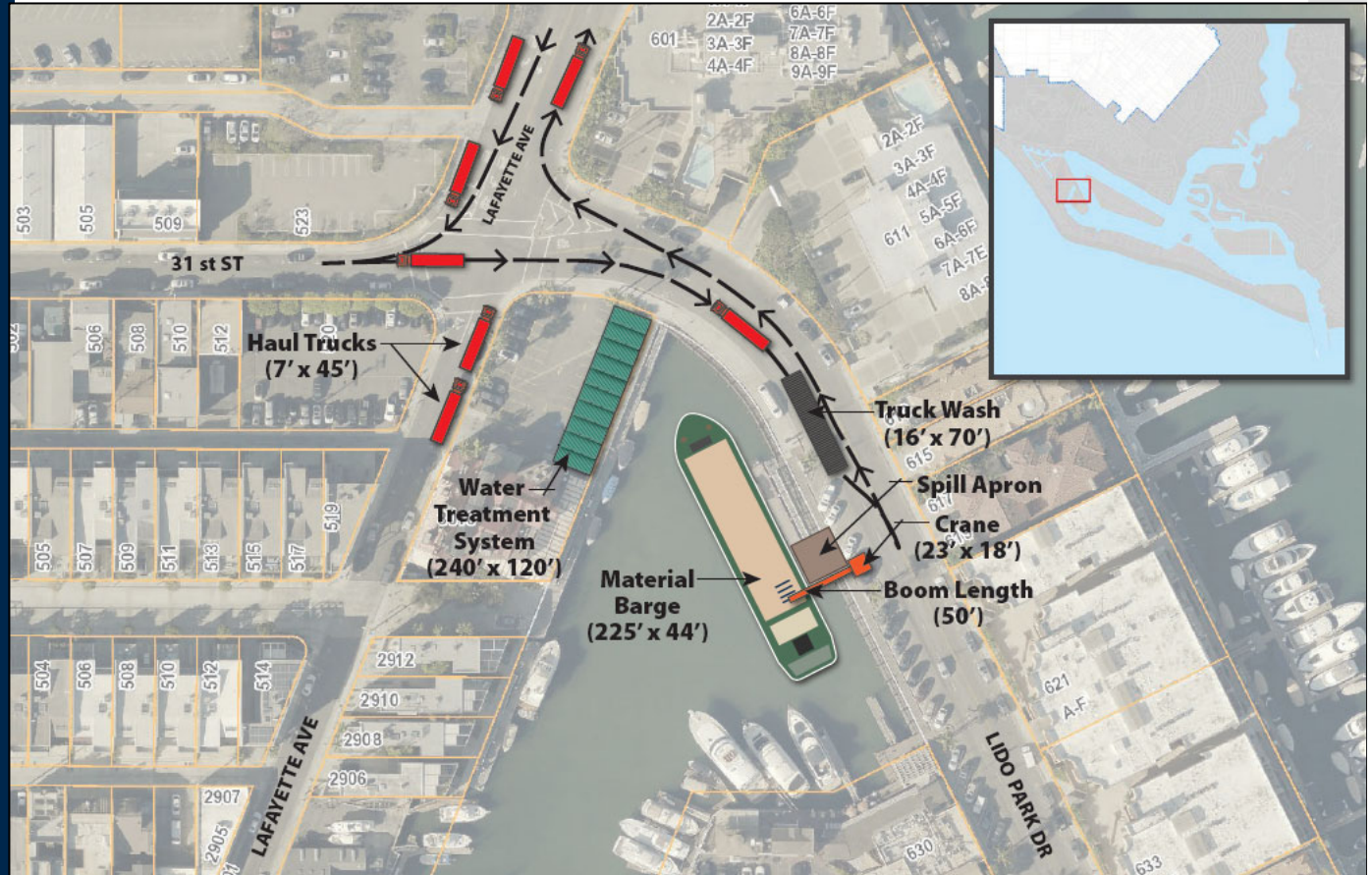
**2011-12 Port of Long Beach Disposal
Rhine Channel & Lower Bay**



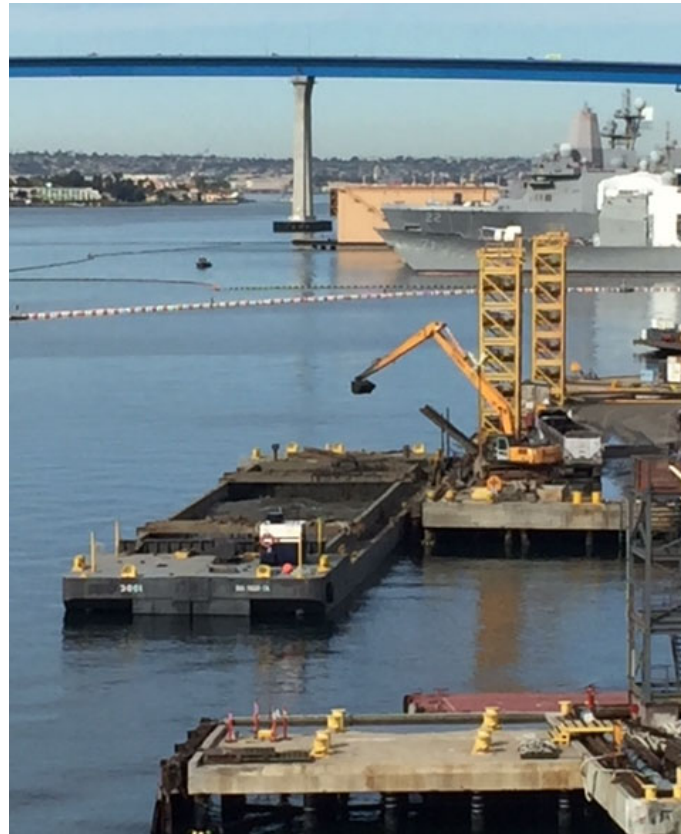
Project Alternatives

No CAD Construction – Bottom Sediments Removed by Trucks

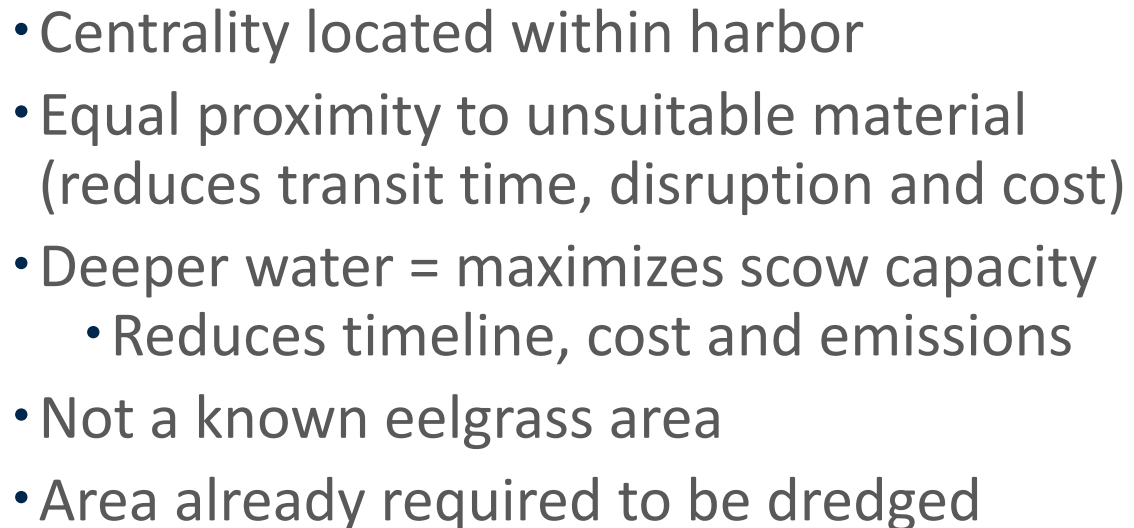
- No other fill areas in region
- Trucked to permitted landfill likely outside OC area
- Approx. 8,800 truck round-trips



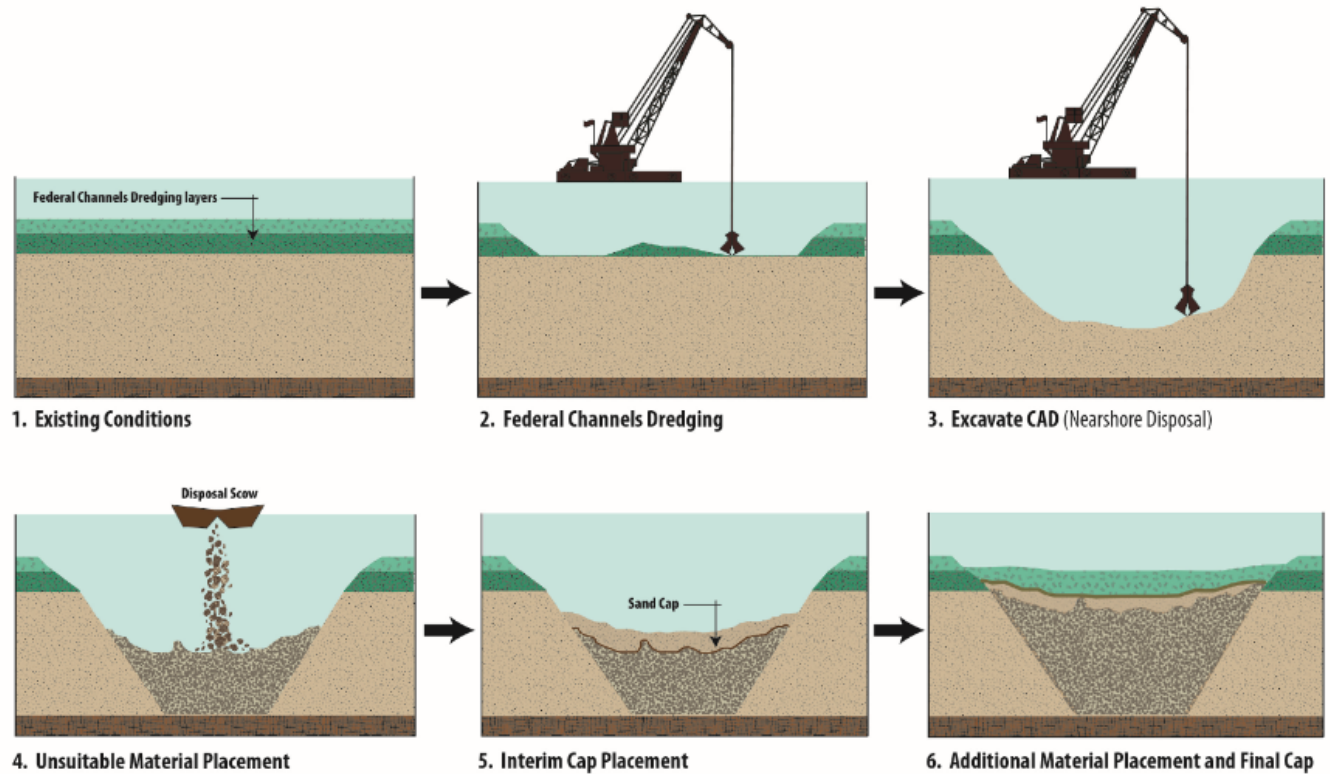
Project Alternatives



Single, Centralized Location



CAD Construction Process

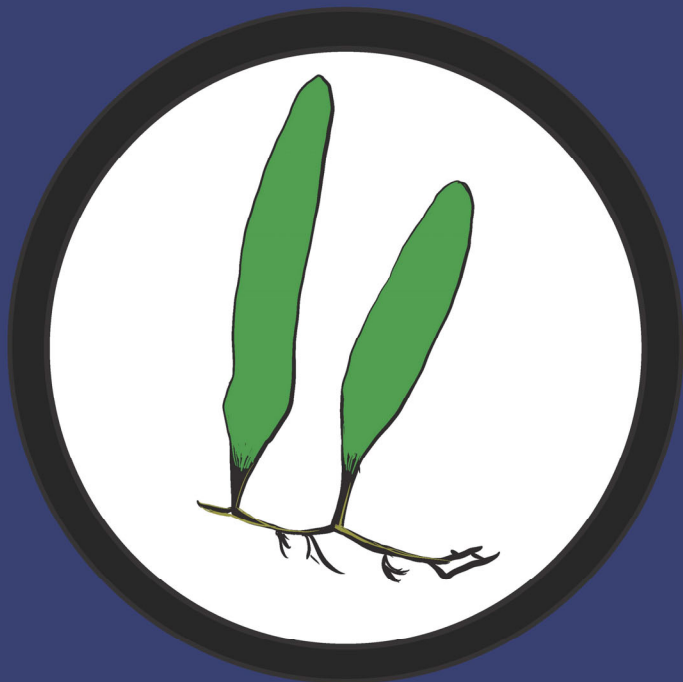




Caulerpa prolifera



INVASIVE ALGAE



HAVE YOU SEEN THIS ALGAE?

Caulerpa prolifera is bright green
with about 4 inch long blades



- DO NOT collect algae
- Report your sighting IMMEDIATELY
- For information, photos and reporting:
<https://wildlife.ca.gov/Conservation/Invasives/Species/Caulerpa>

HELP FIND **CAULERPA** INVASIONS!



We are counting on you to find the next
invasion of the aquarium seaweed
Caulerpa prolifera. Watch for it!



Caulerpa prolifera is a non-native invasive alga. It can grow quickly, choking out native seaweeds and harming marine life through lost habitat. In 2021, an infestation was confirmed in Newport Bay that may have spread to other locations.

Identify *Caulerpa prolifera* by its bright green color, ~ 4 inch long blades, and long, horizontal runners. Caulerpa does NOT float and is most likely to be found on the seafloor, rather than on docks, boats, seawalls, or beaches.



How Divers Can Help:

Learn to recognize Caulerpa. Watch for it on saltwater dives (oceans, harbors, bays). Report it, if found, by following the QR code or web link below:

- Note the location, depth, and patch size.
- Record the location with a GPS if available.
- Take a photo if possible.
- **DO NOT** collect or disturb!
(be careful- even a tiny fragment can start a new infestation).



To See Photos and Report A Sighting:
<https://wildlife.ca.gov/Conservation/Invasives/Species/Caulerpa>

Copper TMDL



Santa Ana Regional Water Quality Control Board

AGENDA ANNOUNCEMENT

REGIONAL BOARD MEETING

Friday, September 17, 2021 at 9:00 a.m.
Video and Teleconference Meeting Only
No Physical Meeting Location
(Authorized by and in furtherance of
Executive Orders N-08-21)
Live video webcast: [LIVE VIDEO](#)

NOTICE:

Video and Teleconference Meeting During COVID-19 Emergency: As a result of the COVID-19 emergency and the Governor's Executive Orders to protect public health by limiting public gatherings and requiring social distancing, this meeting will occur solely via remote presence.

If you want to watch or listen to the meeting but do not want to comment, you can access the webcast of the meeting at <https://cal-span.org/>

If you want to comment on an item during the meeting, you will need to submit a virtual speaker card by following the instructions included below. A computer is not required to participate in the meeting; the public will also have the option to dial into the meeting by phone. Additional information regarding remote meeting participation is available on the Santa Ana Water Board's website:

https://www.waterboards.ca.gov/santaana/board_info/remote_meeting/index.html

Special Virtual Speaker Card Instructions

Persons speaking at Santa Ana Water Board meetings are accustomed to filling out a speaker card. To allow for a more orderly process of identifying speakers in advance, the Santa Ana Water Board will use virtual speaker cards. The virtual speaker card will allow the Board Clerk to locate commenters within the Zoom meeting waiting list and unmute them so they can address the Board at the appropriate time.

To request to speak on an item at this meeting, you must submit a virtual speaker card no later than 5:00 p.m. on Wednesday, September 15, 2021. To register visit: https://us02web.zoom.us/webinar/register/WN_LQscjFCNTQeGoBgPgglCFA