

# Marina del Rey

## 2014 TMDL Changes



# Marina del Rey History

- Largest man-made small craft harbor in the United States
- It was formally dedicated in April 1965
- Currently, we have 4,701 slips and a 17% vacancy rate
- Our current TMDL was approved by the EPA in March 2006
- Revisions to that TMDL were approved by the Regional Board in February 2014, and by the State Board in September 2014

# Challenges



- Requires an 85% reduction in copper leaching from boat hulls by 2024
- Boater Acceptance
- Requires remediation of harbor sediment by 2029

# Challenge of Reducing Copper from Boats by 2024

- There are 4,701 slips in Marina del Rey
- Marina del Rey's two boatyards can strip and repaint a combined 150 boats a year
- Hull paints need to be reapplied every 1-3 years
- There is not currently a non-biocide paint that is generally accepted by boaters
- Shelter Island Harbor has been trying to reduce copper paints for 7 years and has just recently met their 10% target
- It will cost an additional \$6,000-\$7,000 to strip copper hull paint so that non-copper paint can be applied
- These costs will be prohibitive to many boaters
- Copper-based paint help prevent the spread of invasive species

# Boater Acceptance

- Copper-based paints are still legal in California and are considered a proven product
- Boaters in other harbors have gone back to copper-based paint after experimenting with non-copper paints
- Non-copper paints are more expensive and have to be cleaned more often

# Dredging the Harbor

- The proposed changes call for remediation of the harbor sediment by 2029
- The Water Board's staff report estimates this to cost up to \$200,000,000
- The Regional Board's staff report greatly underestimated the size of the harbor
- The calculations were not based on open water dredging, not accounting for the portions of the Marina covered by docks
- What are the environmental consequences of moving 982,520 cubic yards of sediment?

# Voluntary Efforts

- The County obtained Clean Marinas certification for the anchorage at Parcel 47 in November 2014, and for the transient docks January 14, 2015
- The County applied for 319h grant to help with the repainting of boats. Unfortunately, our request was rejected
- The County will be holding an antifouling workshop at Chace Park on February 7th, from 8:30 a.m. till noon