

Areas of San Diego Bay with Copper Pollution



State agencies have determined that copper is causing pollution in the waters of California's marina areas. This map shows the areas of San Diego Bay where high levels of copper have been identified.

Copper anti-fouling hull paints on recreational boats have been identified as the primary source of this pollution problem. Copper is used in hull paints to slow or stop the growth of creatures such as barnacles and mussels that grow on the hulls of boats.

The most effective way to reduce copper pollution is to remove the source. Using alternative hull paints is key to solving this environmental problem. Many types of alternative paints are available and can contribute to improving the health of San Diego Bay's ecosystem.

The Port of San Diego has developed a Copper Reduction Program to reduce copper pollution in San Diego Bay. To learn more about the program, alternative paints and incentives for boaters to make the switch, visit:

www.SanDiegoBayCopperReduction.org

Legend:

- These areas have been found to have copper pollution. Using alternative hull paints in these areas may help prevent the need for future regulations.
- This area has high copper pollution. Regulations are in place mandating the Port to reduce copper in this area

Data Sources:

- Locations depicting copper pollution are derived from the 2010 Integrated Report (Clean Water Act Section 303(d) List/305(b) Report) for the San Diego Region.
- Ocean, Roads, Parks: SanGIS
- Hill Shade: ESRI 2011.



Imperial Beach

Tijuana Estuary

U. S. A.

Mexico