Shelter Island Yacht Basin TMDL:

The Shelter Island Yacht Basin portion of San Diego Bay is designated as an impaired water body for dissolved copper pursuant to Clean Water Act section 303(d). A Total Maximum Daily Load (TMDL) has been adopted to address this impairment. See Chapters 2, Table 2-3, Beneficial Uses of Coastal Waters, San Diego Bay, footnote 3 and Chapter 7, Total Maximum Daily Loads.

Chollas Creek Metals TMDLs:

Chollas Creek is designated as a water quality limited segment for dissolved copper, lead, and zinc pursuant to Clean Water Act section 303(d). Total Maximum Daily Loads have been adopted to address these impairments. See Chapters 2, Table 2-2, *Beneficial Uses of Inland Surface Waters, Footnote 3* and Chapter 7, Total Maximum Daily Loads. Pollutant -specific and site-specific WERs from Table 3-7 above are included in Chapter 7 for TMDLs for copper and zinc in Chollas Creek.

Chapter 7. Total Maximum Daily Loads

Revise the Total Maximum Daily Loads (TMDLs) for Copper, Lead, and Zinc in Chollas Creek as shown below:

Table 7-21a. Water Quality Criteria /Numeric Targets for dissolved metals in Chollas Creek[1]

Metal	Numeric Target for Acute Conditions: Criteria Maximum Concentration	Numeric Target for Chronic Conditions: Criteria Continuous Concentration
Copper	~~(1)~~ WER * (0.96) * {e^ [0.9422 * ln (hardness) - 1.700]}	~~(1)~~ WER * (0.96) * {e^[0.8545 * ln (hardness) - 1.702]}
Lead	~~(1)~~ WER * {1.46203 – [0.145712 * ln (hardness)]} * {e^ [1.273 * ln (hardness) - 1.460]}	~~(1)~~ WER * {1.46203 – [0.145712 * ln hardness)]} * {e^[1.273 * ln (hardness) - 4.705]}
Zinc	~~(1)~~ WER * (0.978) * {e^ [0.8473 * ln (hardness) + 0.884]}	~~(1)~~ WER * (0.986) * {e^[0.8473 * ln (hardness) + 0.884]}

[1] The site-specific WER applies during "wet weather" as defined in applicable monitoring requirements. This is commonly defined as a storm event with greater than 0.1 inch of rainfall. During dry weather, the WERs are equal to 1.0.

Table 7-21b. Wet weather site-specific WERs for dissolved metals in Chollas Creek

Metal	Site-Specific WER
Copper	6.998
Zinc	1.711