

**CA Regional Water Quality Control Board  
San Diego Region**

**SAN DIEGO BAY  
CONTAMINATED MARINE  
SEDIMENTS  
ASSESSMENT AND REMEDIATION**

**June 18, 2002**

# Topics

- ◆ **SDRWQCB Staff**
- ◆ **Effects of Contaminated Sediment**
- ◆ **Historical Perspective**
- ◆ **Current and Future Projects**
- ◆ **Challenges**

# **EFFECTS OF CONTAMINATED SEDIMENT**

- ◆ **SEDIMENT TOXICITY**
- ◆ **BIOACCUMULATION (In Tissues)**
- ◆ **BIOMAGNIFICATION (Up Food Chain)**

## **HISTORICAL PERSPECTIVE**

- ◆ **Copper ore at 24th St loading terminal**
- ◆ **PCBs at Convair Lagoon**
- ◆ **Anti-fouling paint waste at boatyards**



# CHALLENGES

- ◆ **No accepted standards**
- ◆ **Very time consuming**
- ◆ **Very expensive**
- ◆ **Bioavailable (?)**

## **CHALLENGES (Cont'd)**

- ◆ **Background - Presumptive Cleanup Goal**
- ◆ **Limited Dredge Disposal Options**
- ◆ **Need for Consistency**