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

# SAN DIEGO BAY CONTAMINATED MARINE SEDIMENTS ASSESSMENT AND REMEDIATION

June 18, 2002

### **Topics**

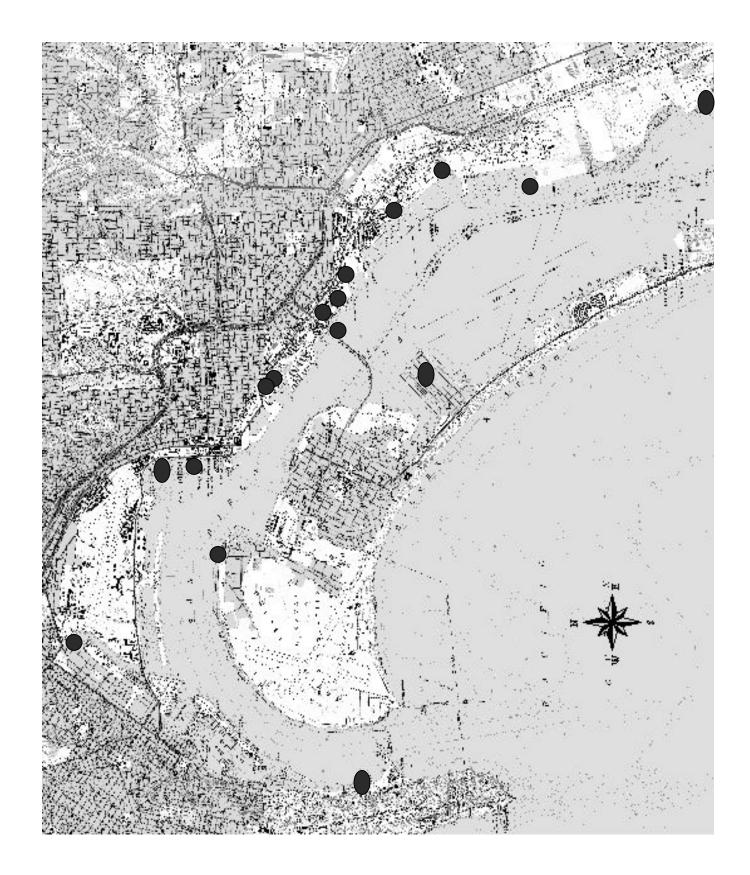
- SDRWQCB Staff
- ◆ Effects of Contaminated Sediment
- Historical Perspective
- Current and Future Projects
- Challenges

## 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