



Final Technical Report

2000

Anaheim Bay and Huntington Harbour Sediment and Water Column Toxicity Study

Vol. II Appendix I

June 7, 2007



www.waterboards.ca.gov/swamp

Surface Water Ambient Monitoring Program Report: Anaheim Bay and Huntington Harbour Sediment and Water Column Toxicity Study



***Prepared by
Pavlova Vitale, Environmental Scientist***

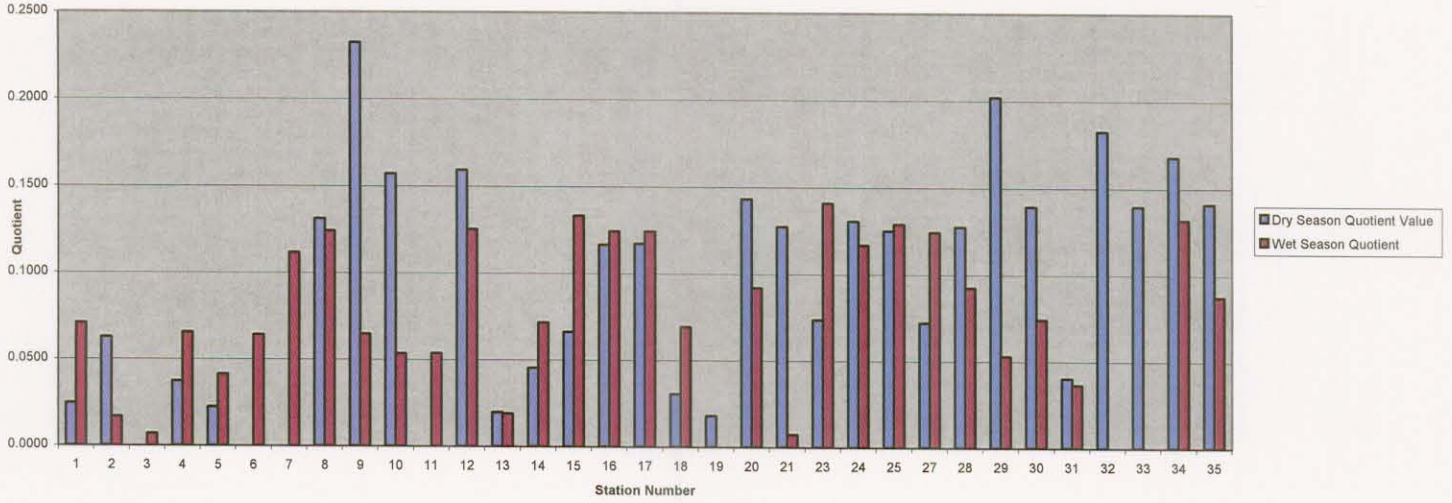
***Santa Ana Regional Water Quality Control Board
June 7, 2007***



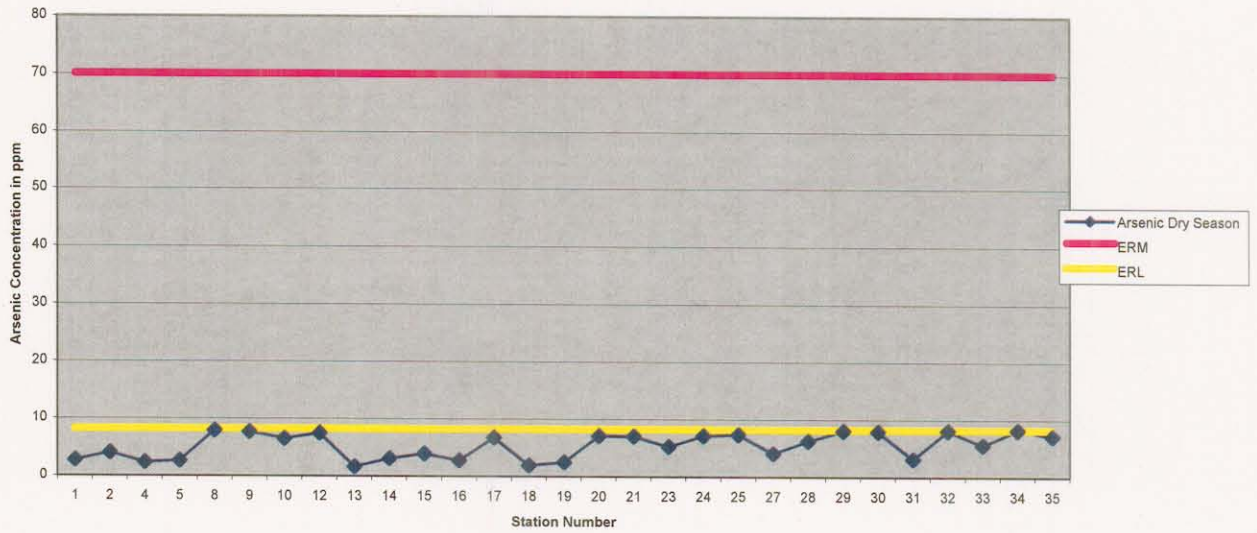
Appendices

Appendix 1 – Comparisons of metals and organics in Anaheim Bay to ERM's and ERL's

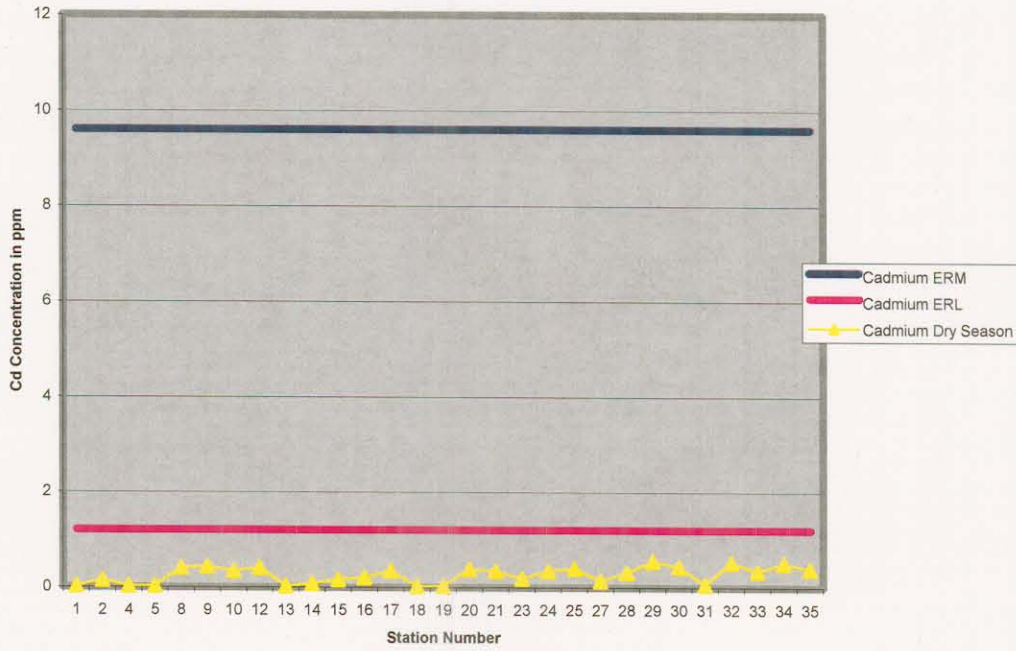
Sediment Quality Guidelines Quotients in Anaheim Bay



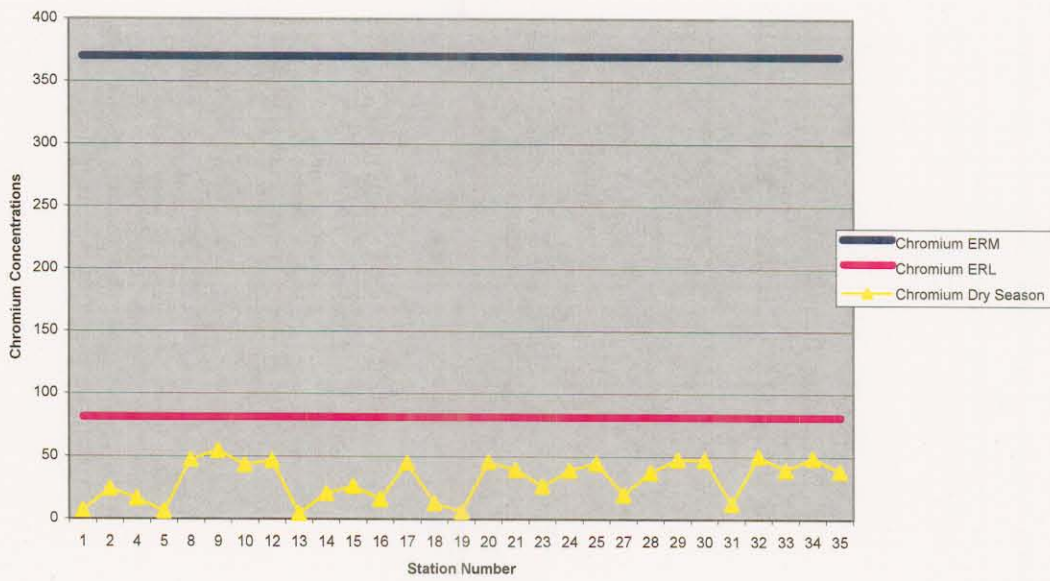
Arsenic Concentrations in Anaheim Bay in Dry Season



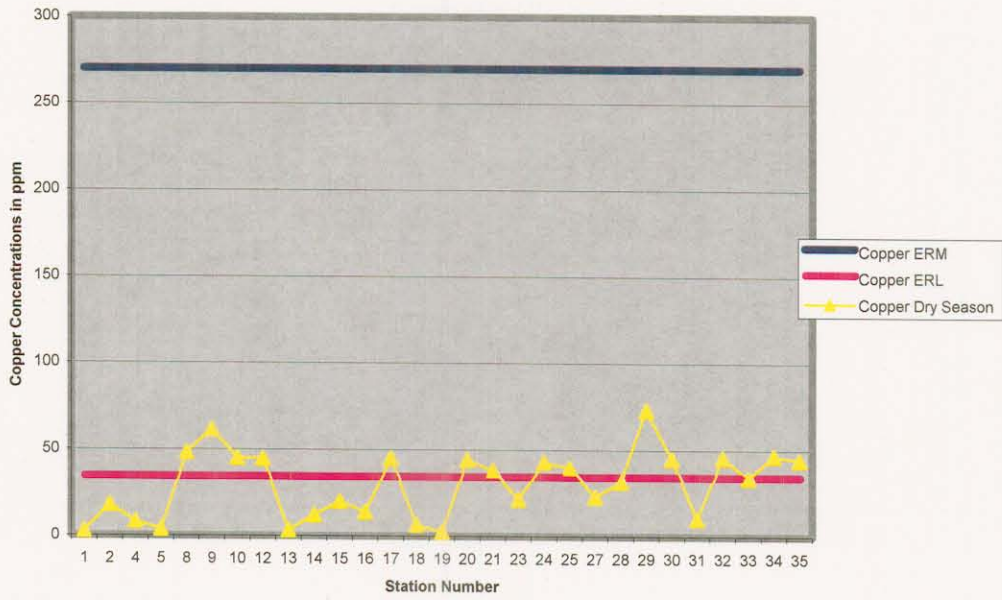
Cadmium Concentrations in Anaheim Bay during Dry Season



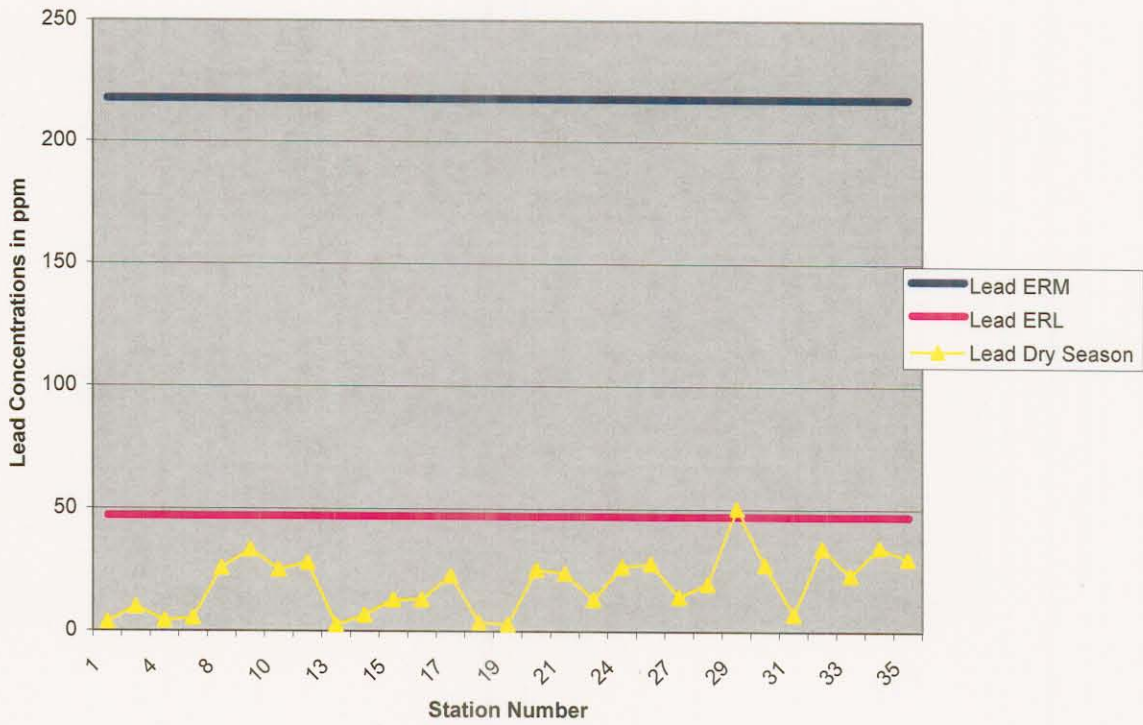
Chromium Concentrations in Anaheim Bay in the Dry Season



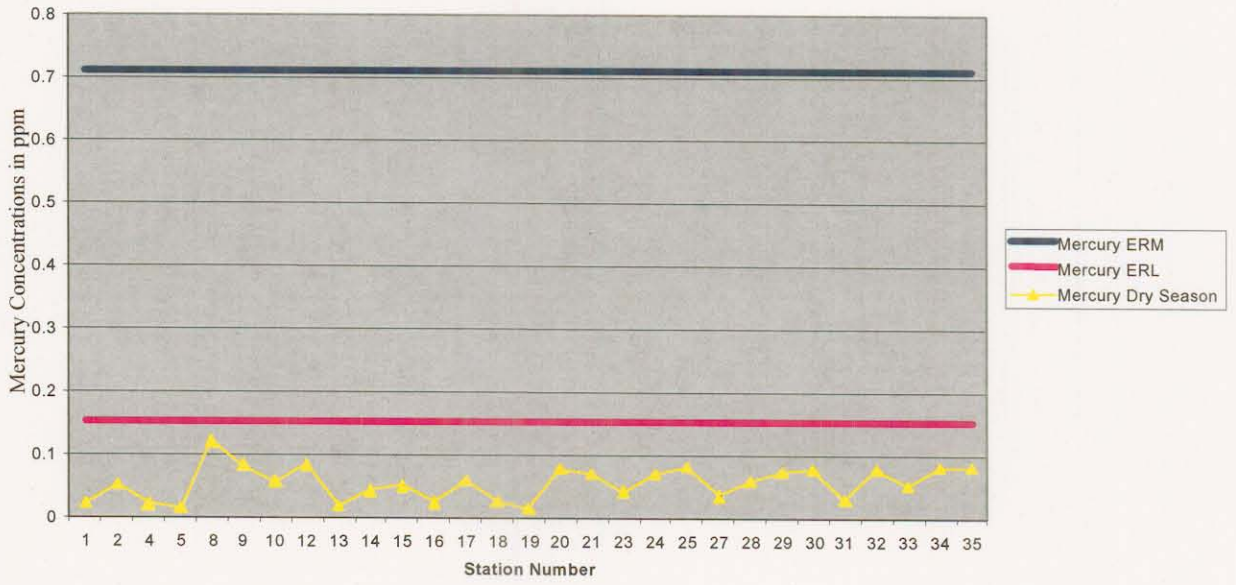
Copper Concentrations in Anaheim Bay in Dry Season



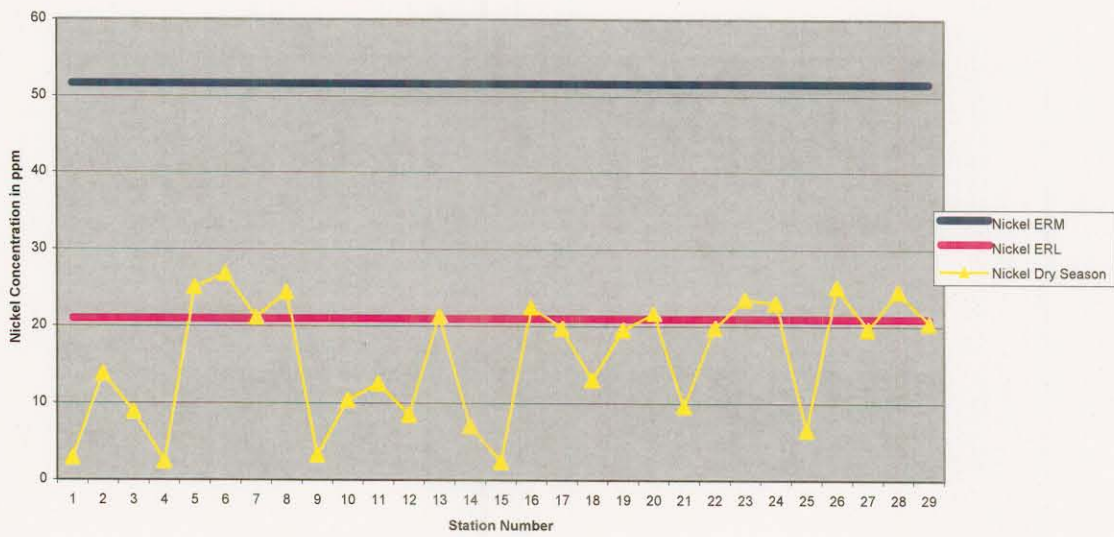
Lead Concentrations in Anaheim Bay during Dry Season



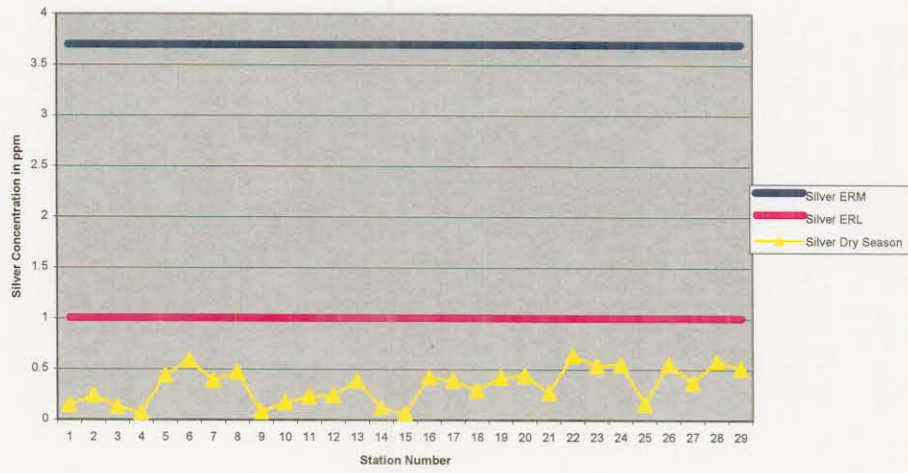
Mercury Concentrations in Anaheim Bay during Dry Season



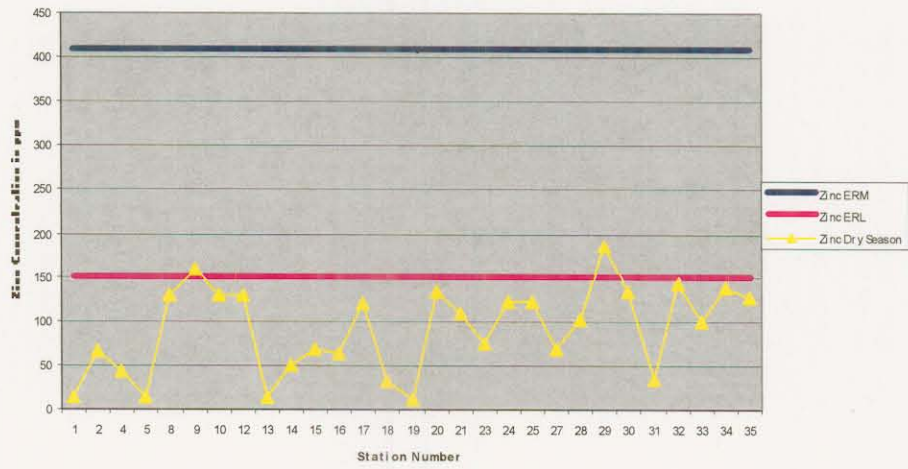
Nickel Concentrations in Anaheim Bay during the Dry Season



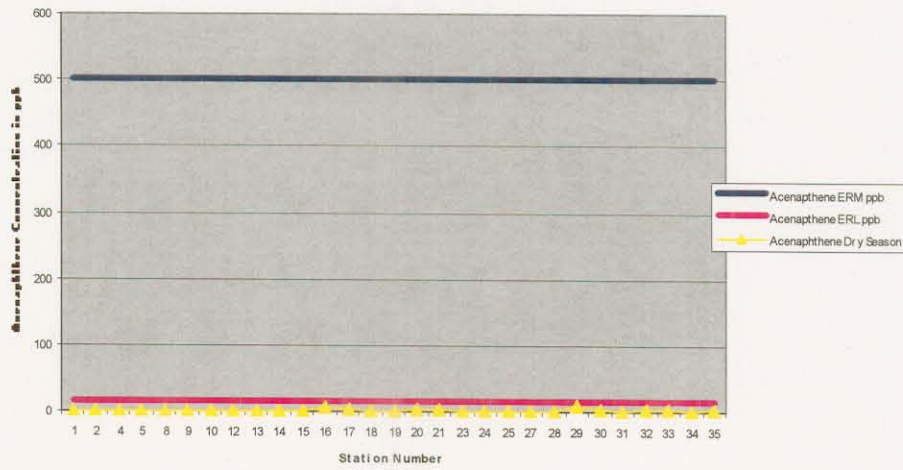
Silver Concentrations in Anaheim Bay during the Dry Season



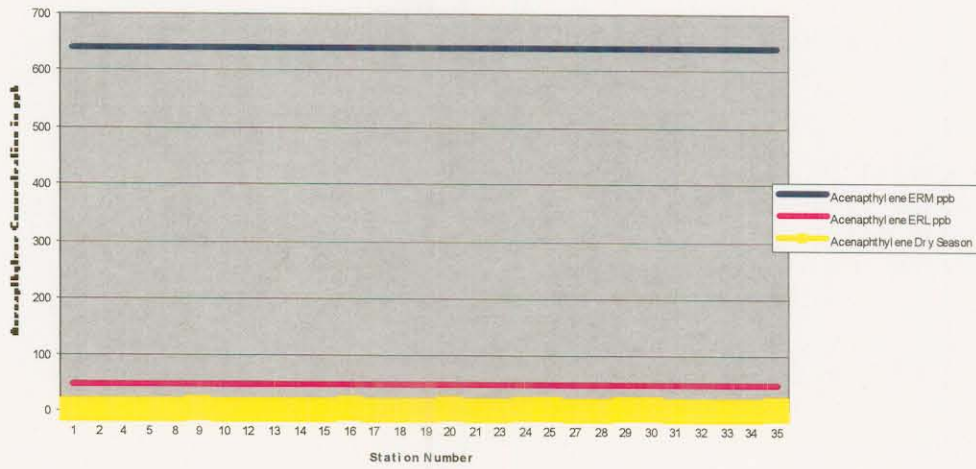
Zinc Concentration in Anaheim Bay during the Dry Season



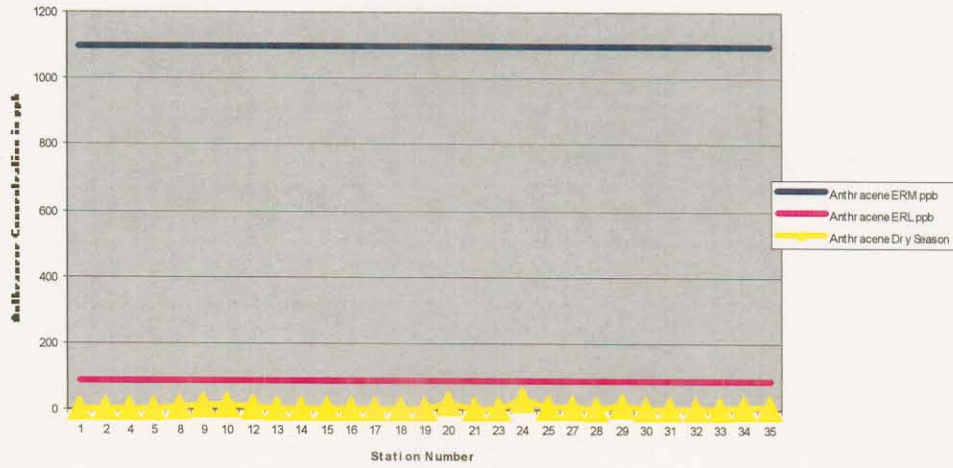
Acenaphthene Concentrations in Anaheim Bay during the Dry Season



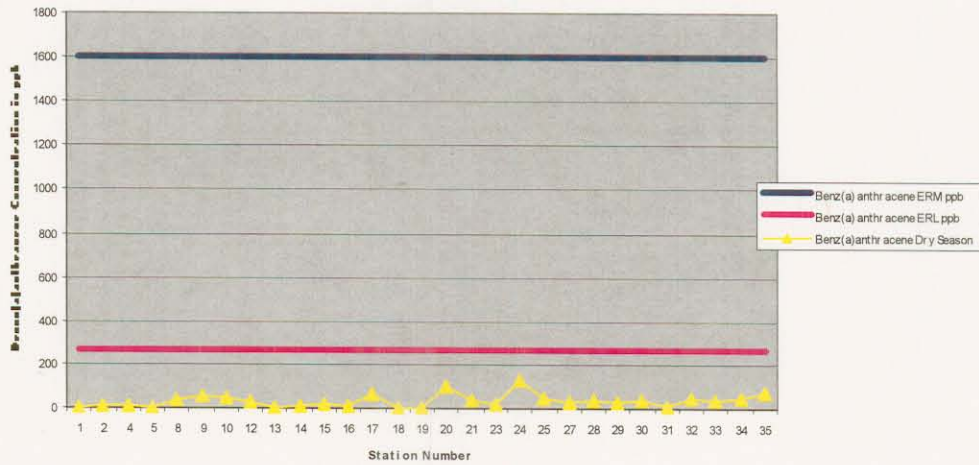
Acenaphthylene Concentrations in Anaheim Bay during the Dry Season



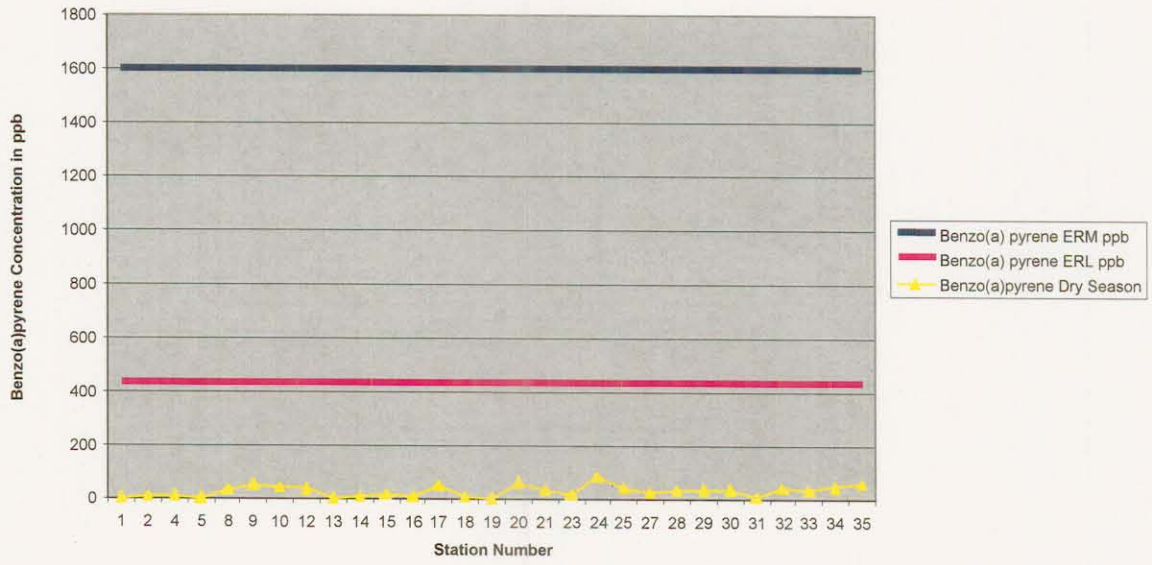
Anthracene Concentrations in Anaheim Bay during the Dry Season



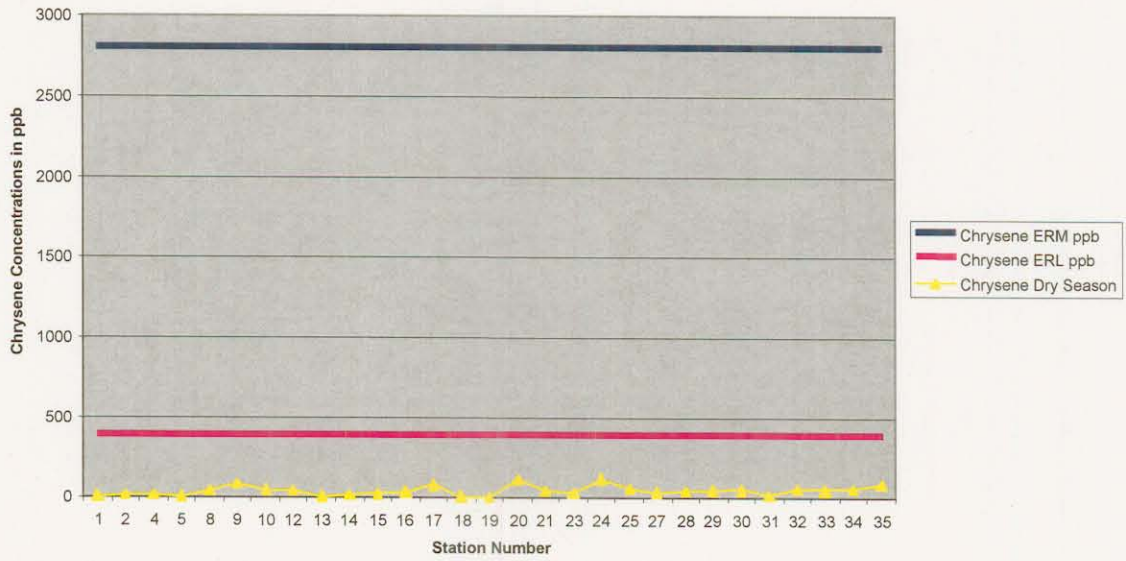
Benzo(a)anthracene Concentrations in Anaheim Bay during the Dry Season



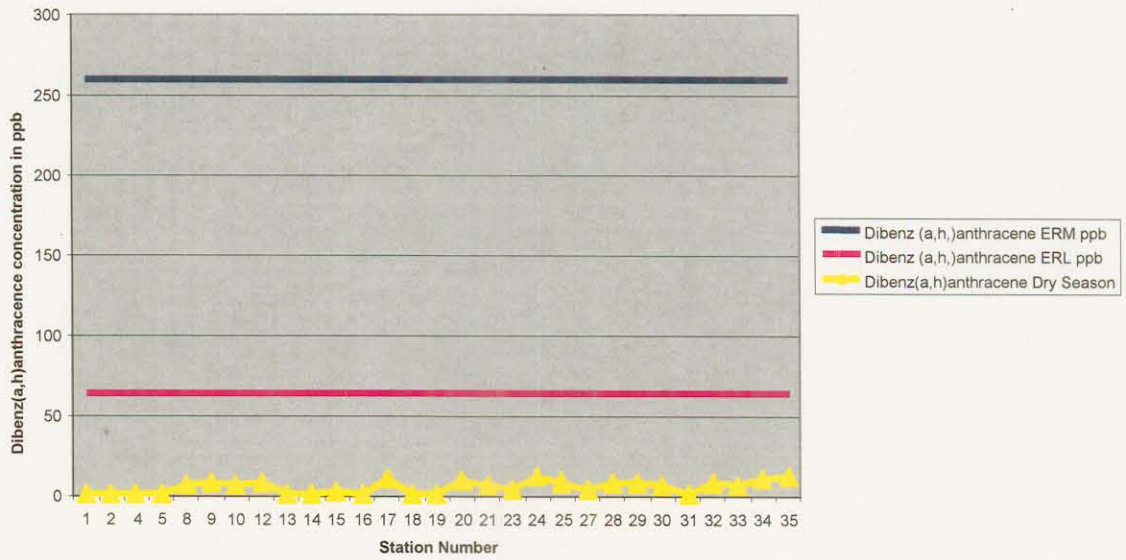
Benzo(a)pyrene Concentrations in Anaheim Bay during the Dry Season



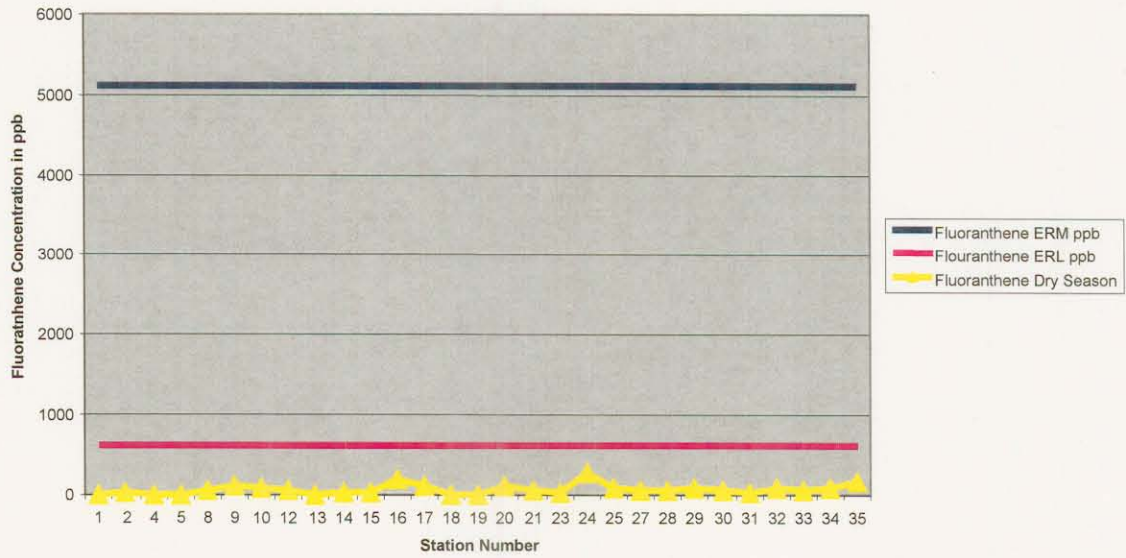
Chrysene Concentrations in Anaheim Bay during the Dry Season



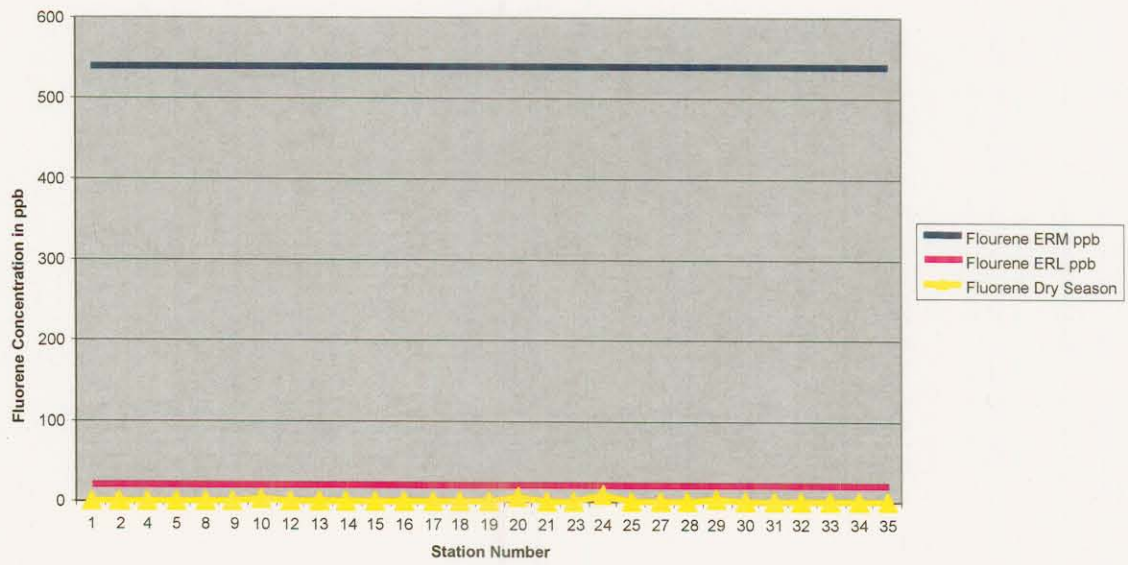
Dibenz(a,h)anthracene Concentrations in Anaheim Bay during the Dry Season



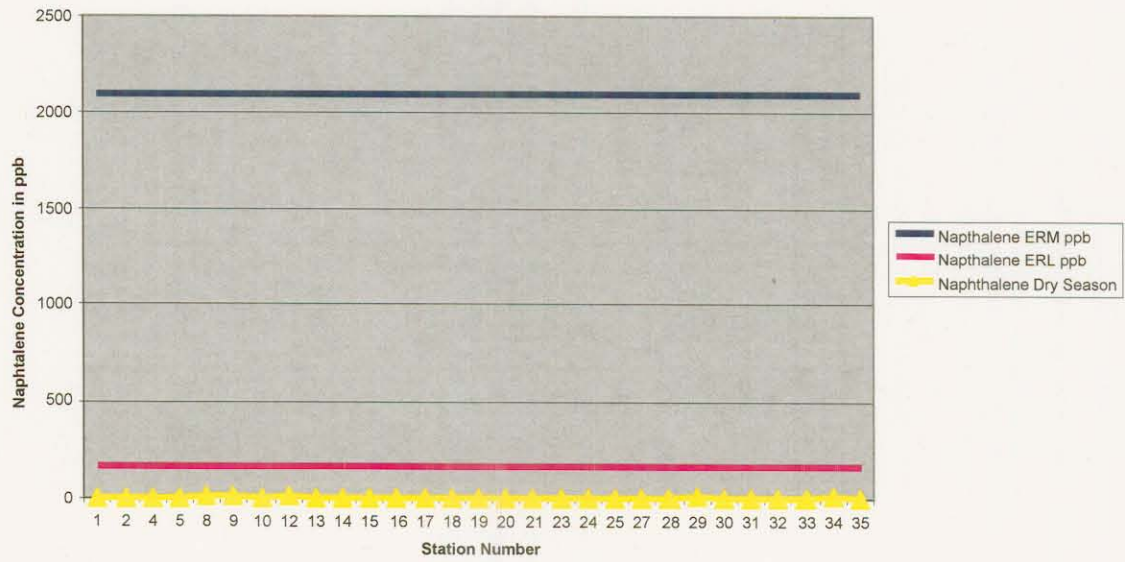
Fluoranthene Concentrations in Anaheim Bay during the Dry Season



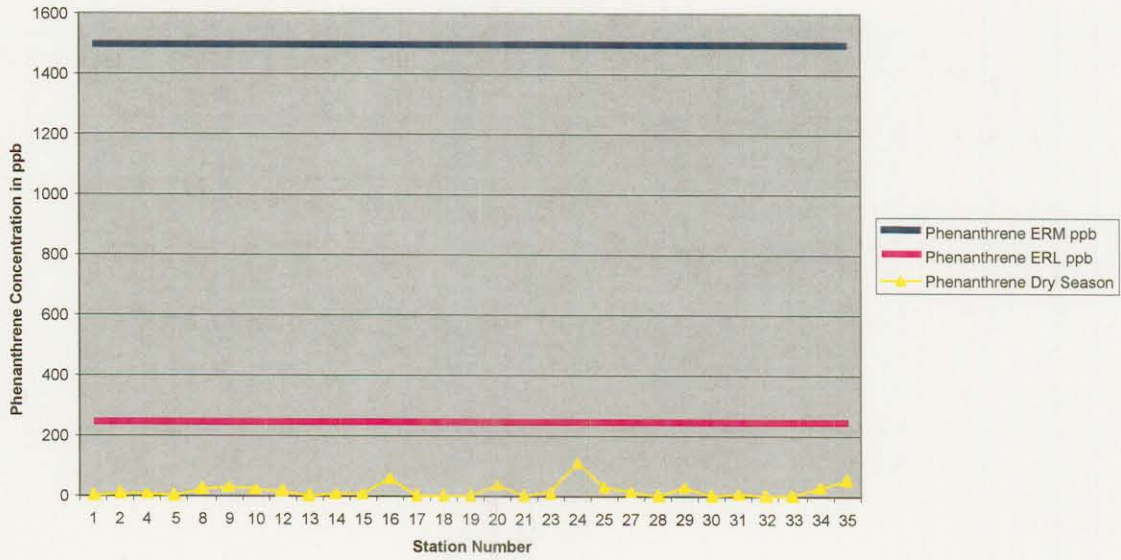
Fluorene Concentrations in Anaheim Bay during the Dry Season



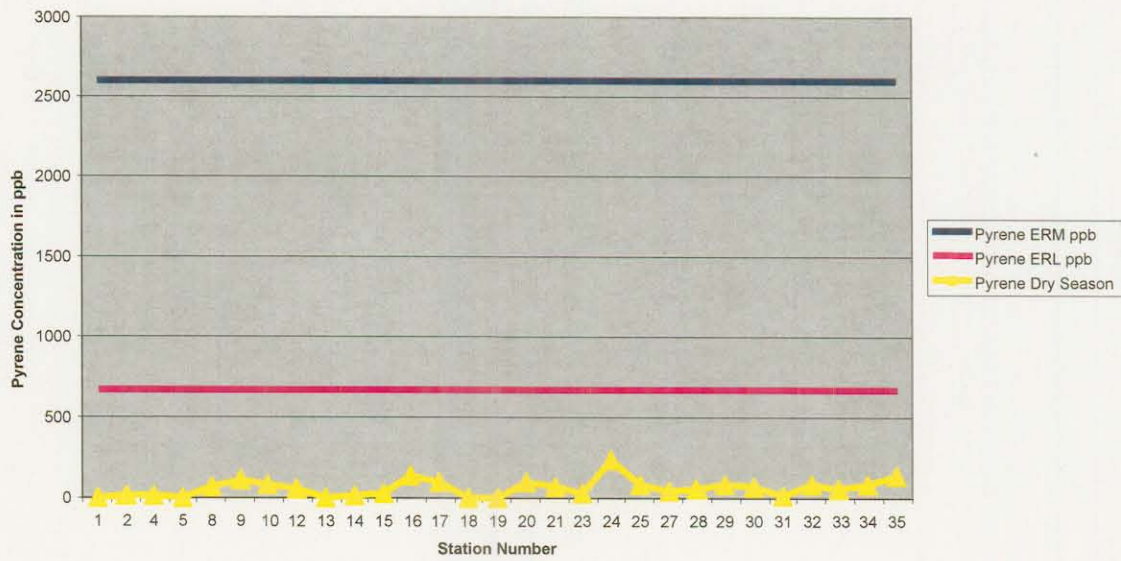
Naphtalene Concentrations in Anaheim Bay during the Dry Season



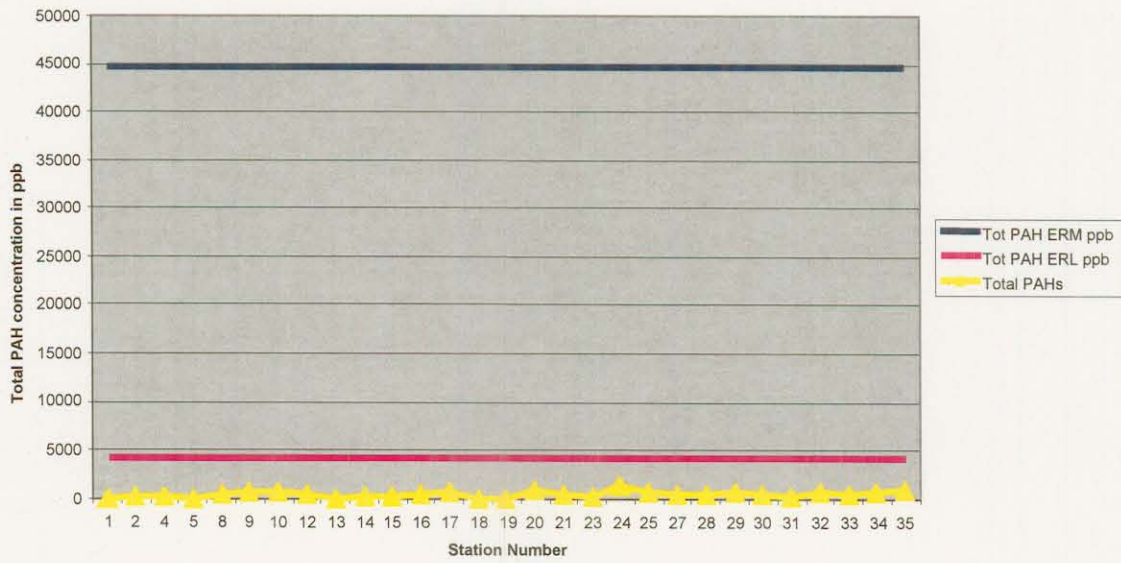
Phenanthrene Concentrations in Anaheim Bay during the Dry Season



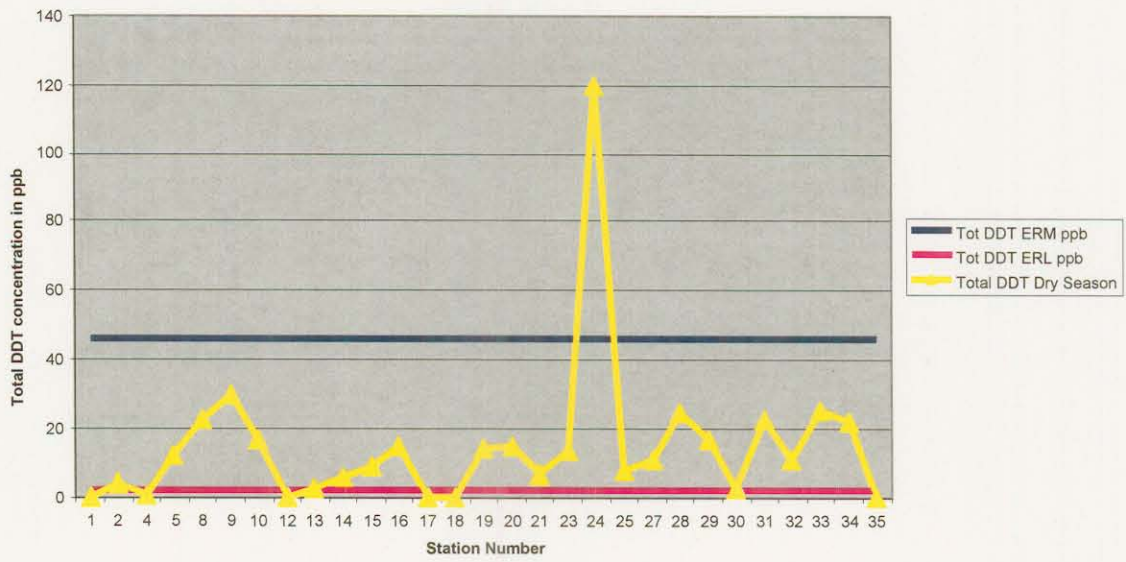
Pyrene Concentrations in Anaheim Bay during the Dry Season



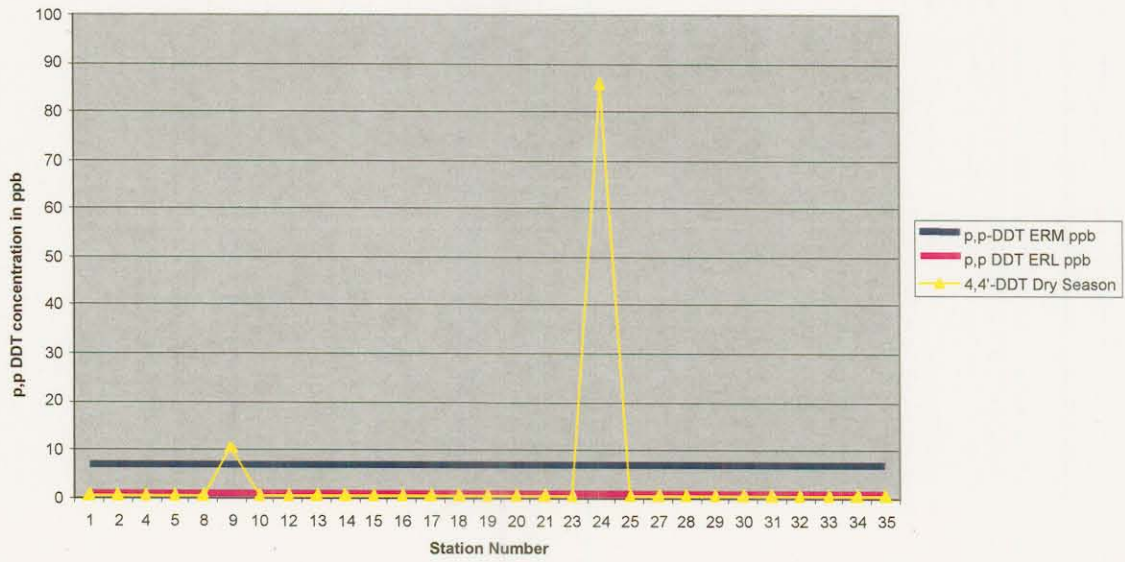
Total PAH in Anaheim Bay during the Dry Season



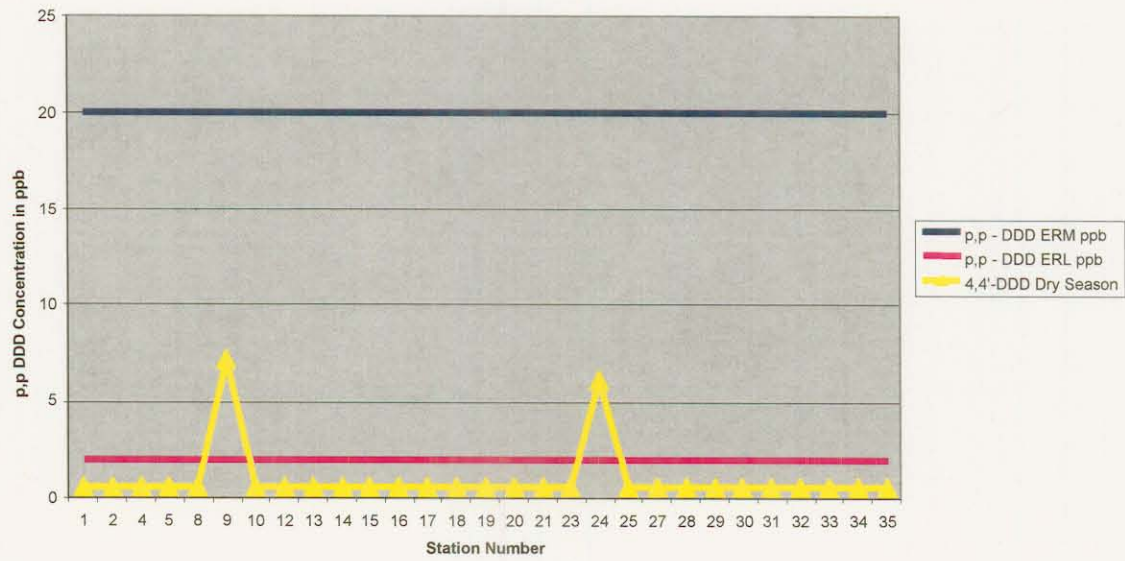
Total DDT in Anaheim Bay during the Dry Season



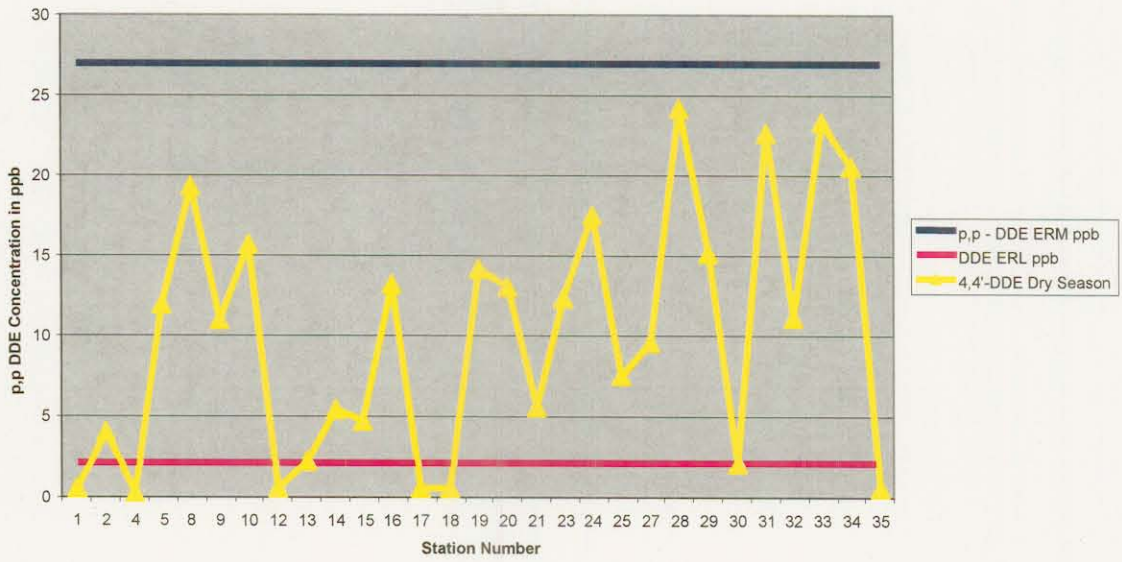
p,p DDT Concentrations in Anaheim Bay during the Dry Season



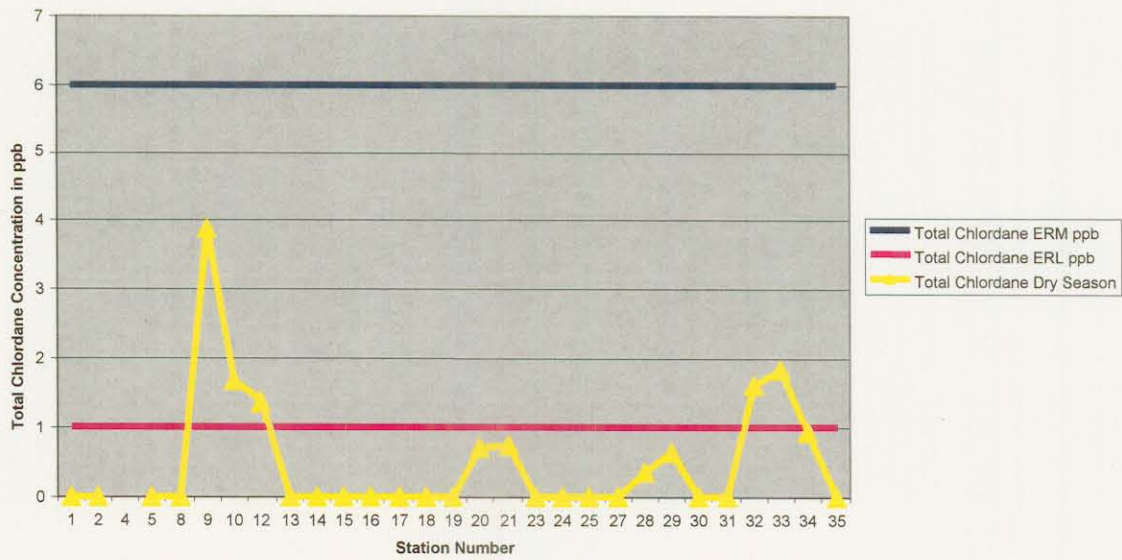
p,p DDD Concentrations in Anaheim Bay during the Dry Season



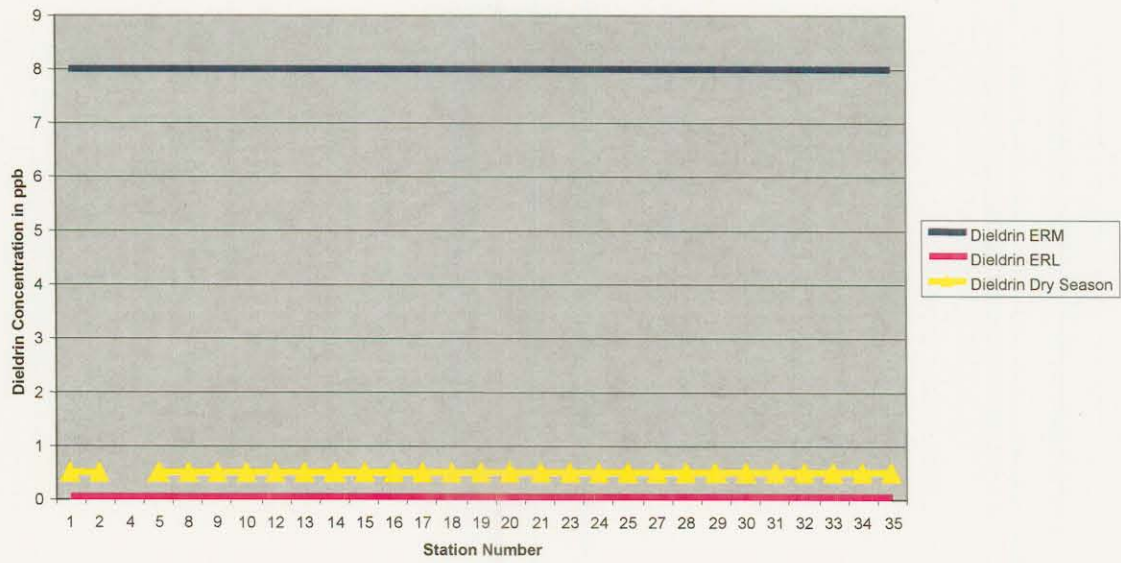
p,p DDE Concentrations in anaheim Bay during the Dry Season



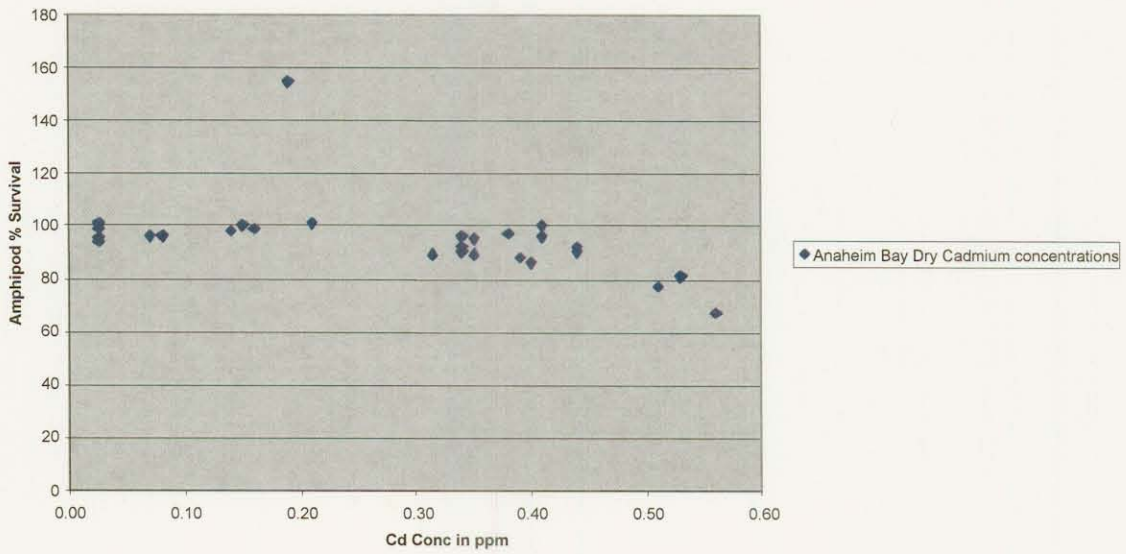
Total Chlordane Concentrations in Anaheim Bay during the Dry Season



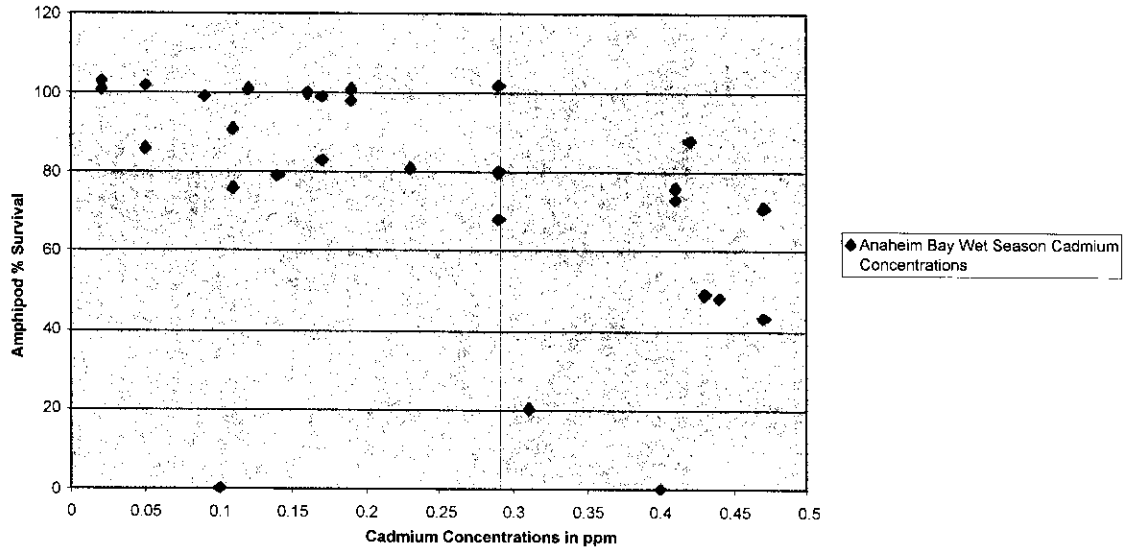
Dieldrin Concentrations in Anaheim Bay during the Dry Season



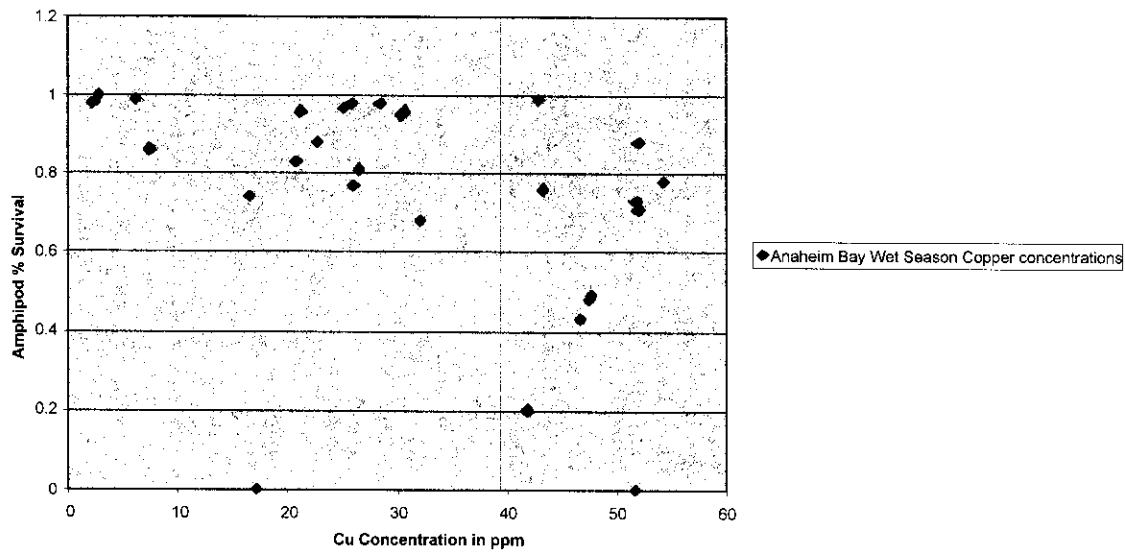
Anaheim Bay Dry Cadmium concentrations



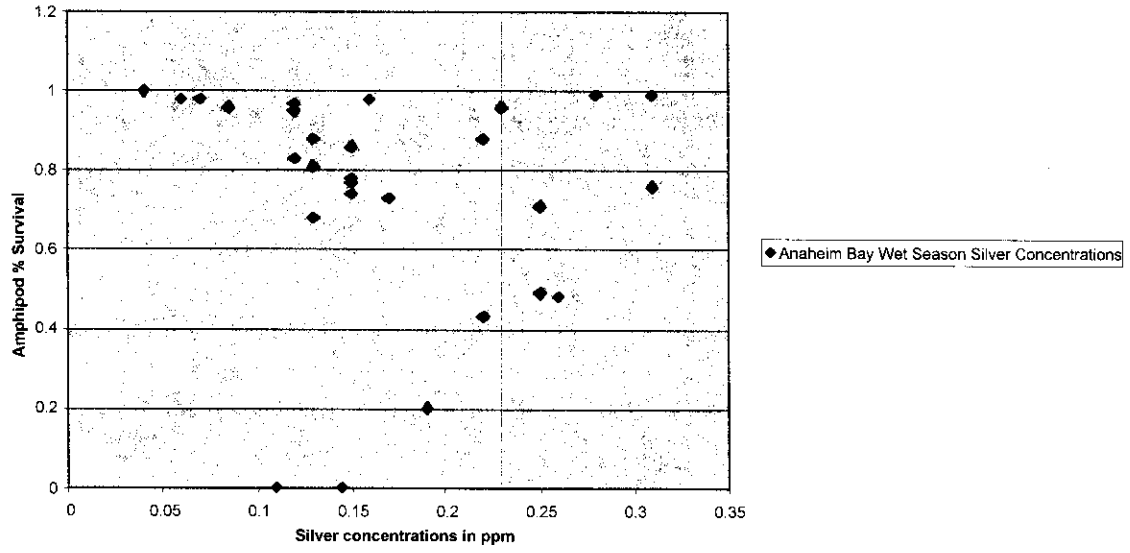
Anaheim Bay Wet Season Cadmium Concentrations



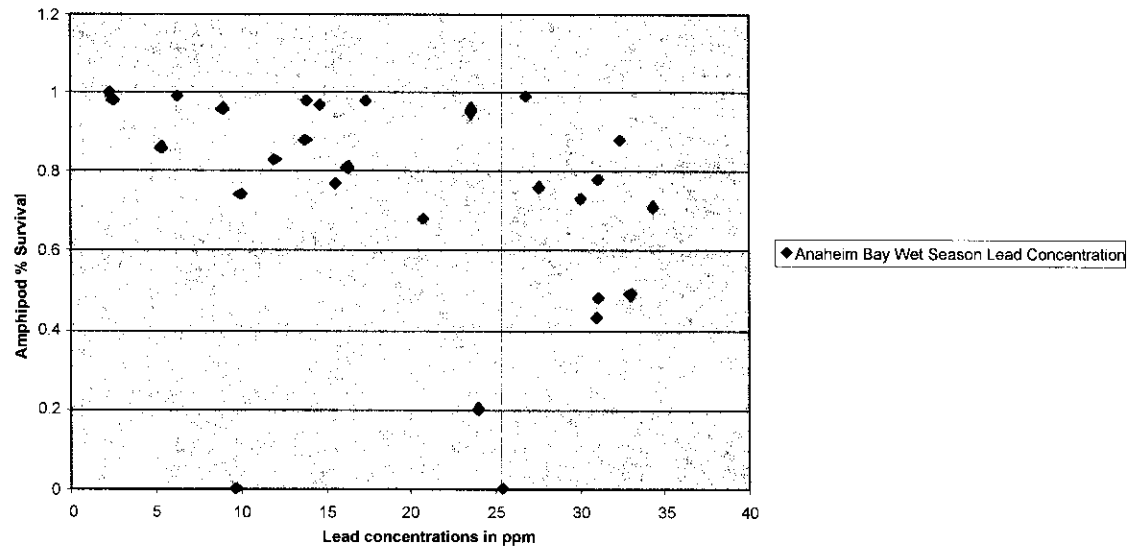
Anaheim Bay Wet Season Copper concentrations



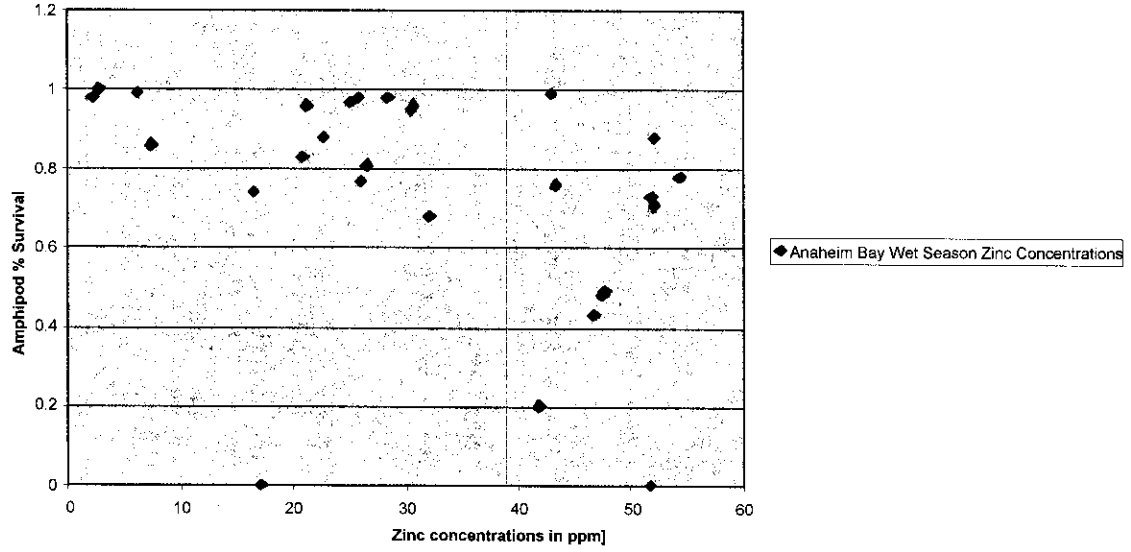
Anaheim Bay Wet Season Silver Concentrations



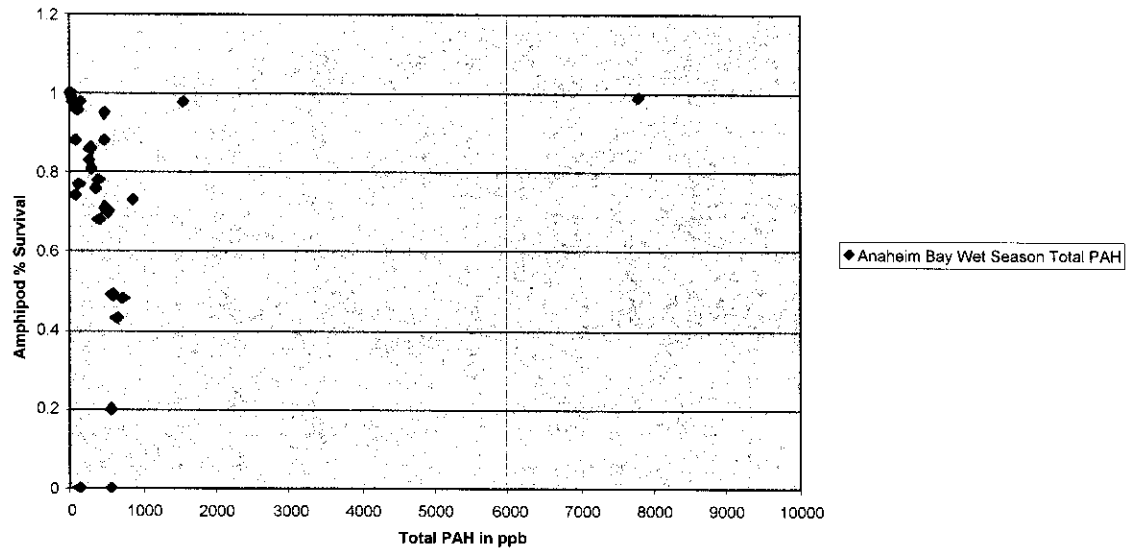
Anaheim Bay Wet Season Lead Concentration



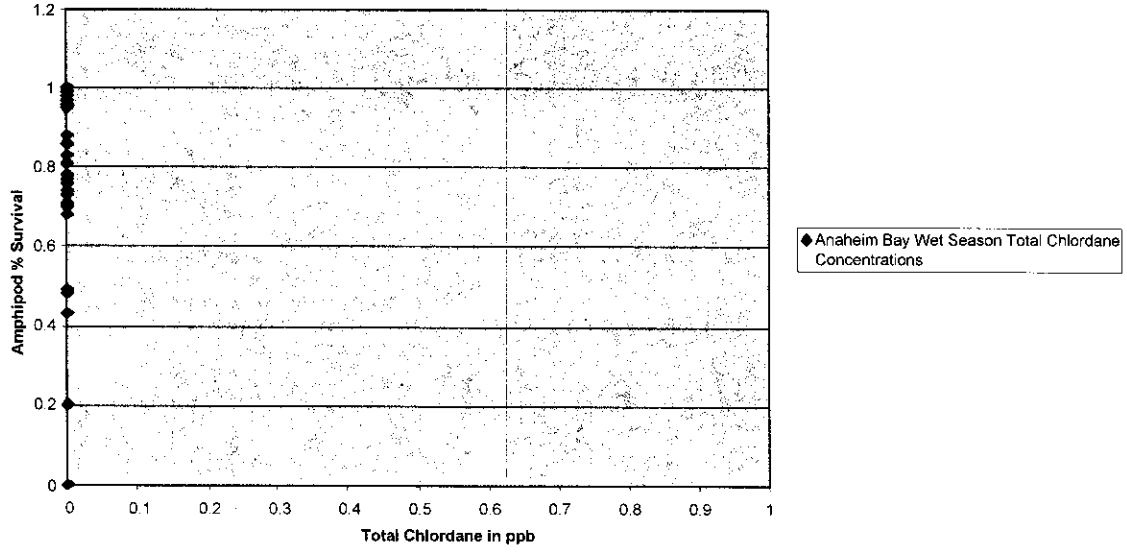
Anaheim Bay Wet Season Zinc Concentrations



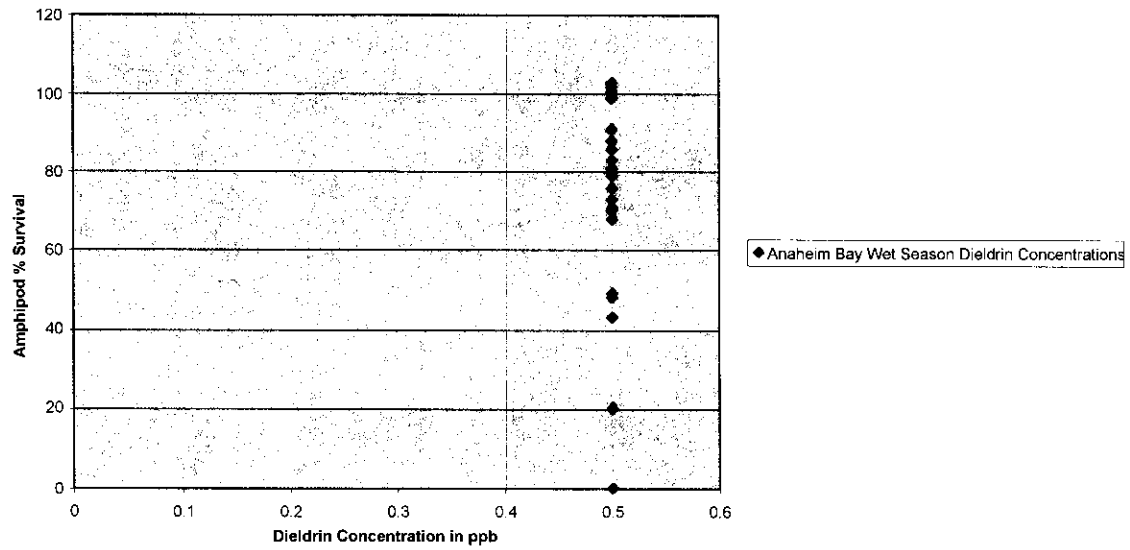
Anaheim Bay Wet Season Total PAH



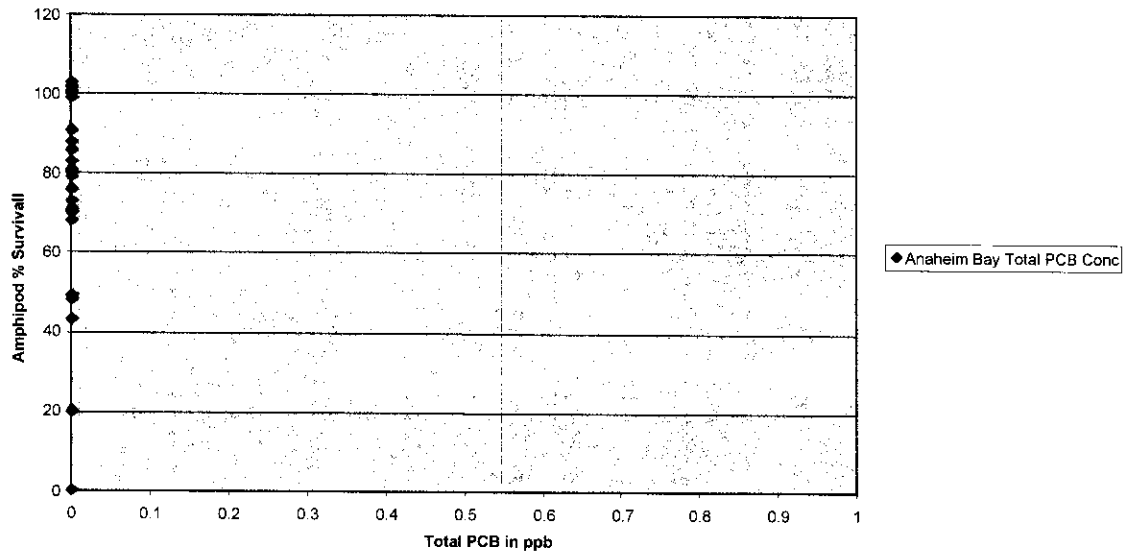
Anaheim Bay Wet Season Total Chlordane Concentrations



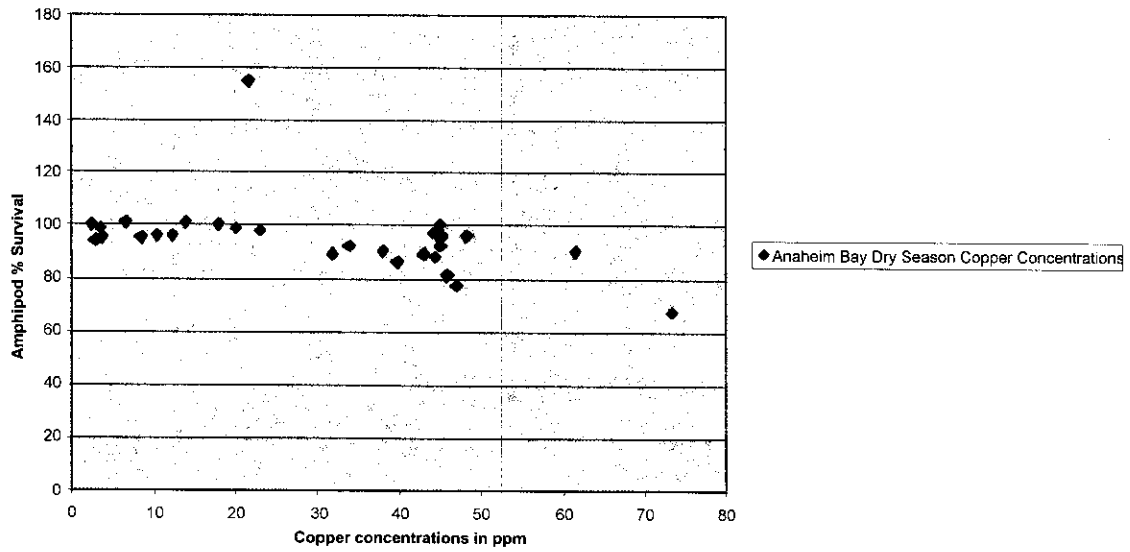
Anaheim Bay Wet Season Dieldrin Concentrations



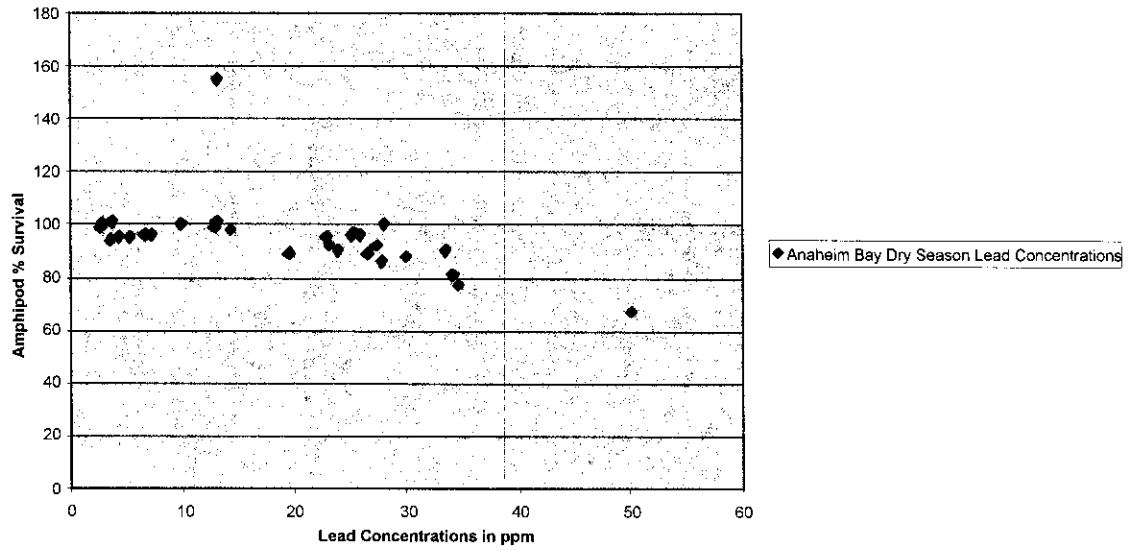
Anaheim Bay Wet Season Total PCB Concentrations



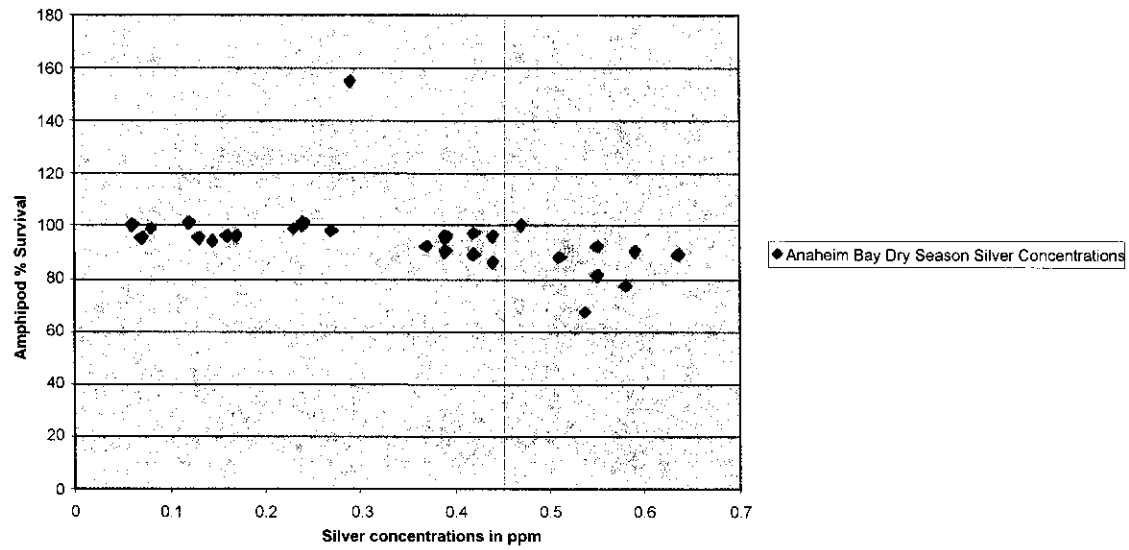
Anaheim Bay Dry Season Copper Concentrations



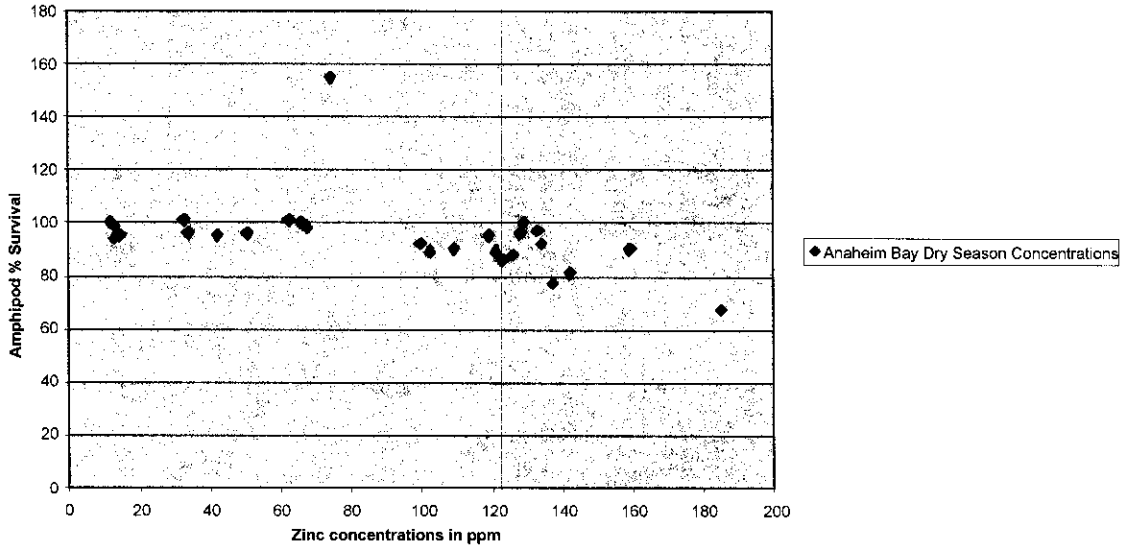
Anaheim Bay Dry Season Lead Concentrations



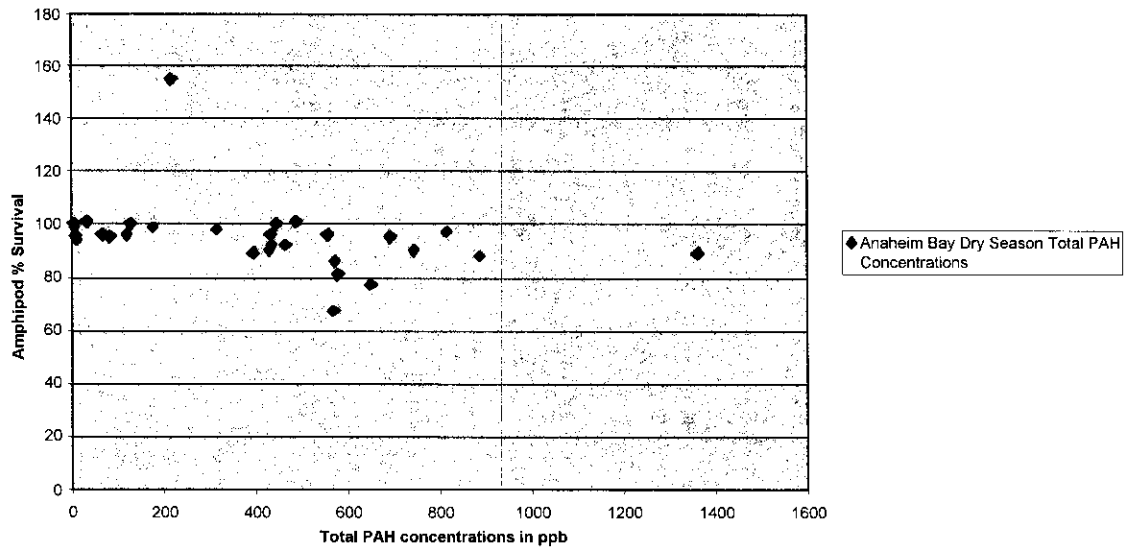
Anaheim Bay Dry Season Silver Concentrations



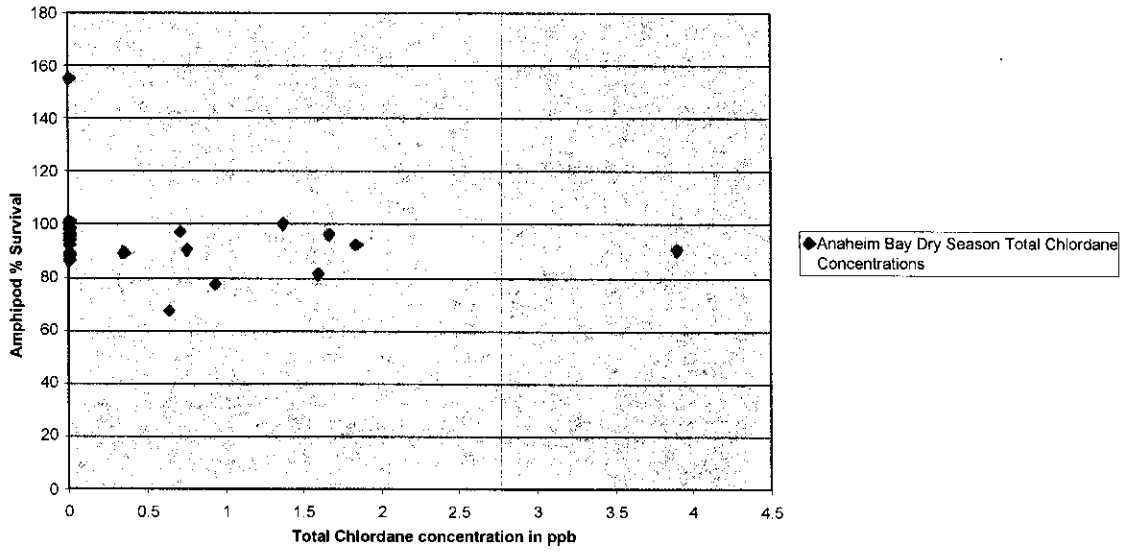
Anaheim Bay Dry Season Zinc Concentrations



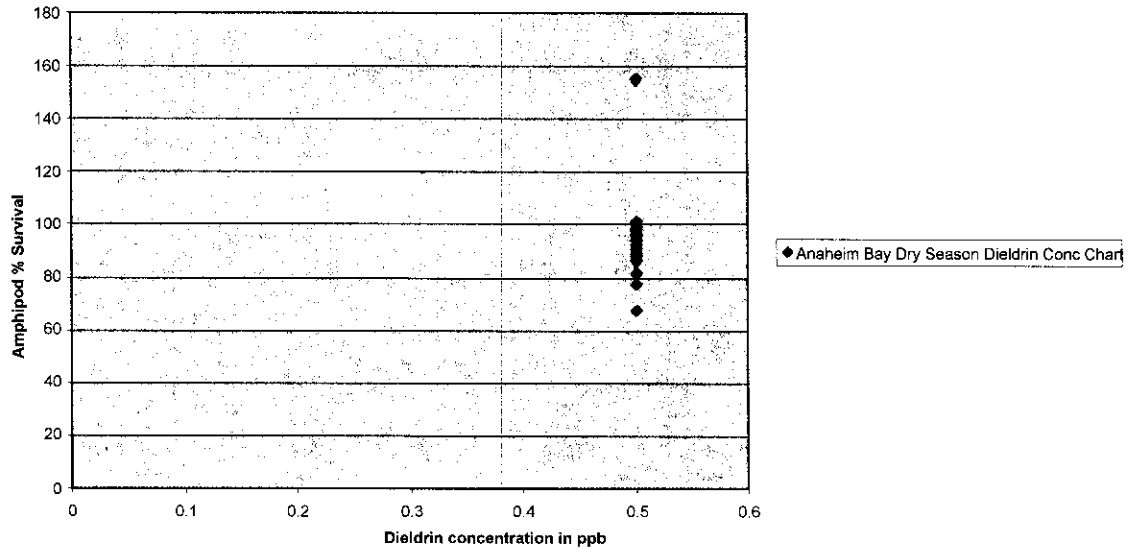
Anaheim Bay Dry Season Total PAH Concentrations



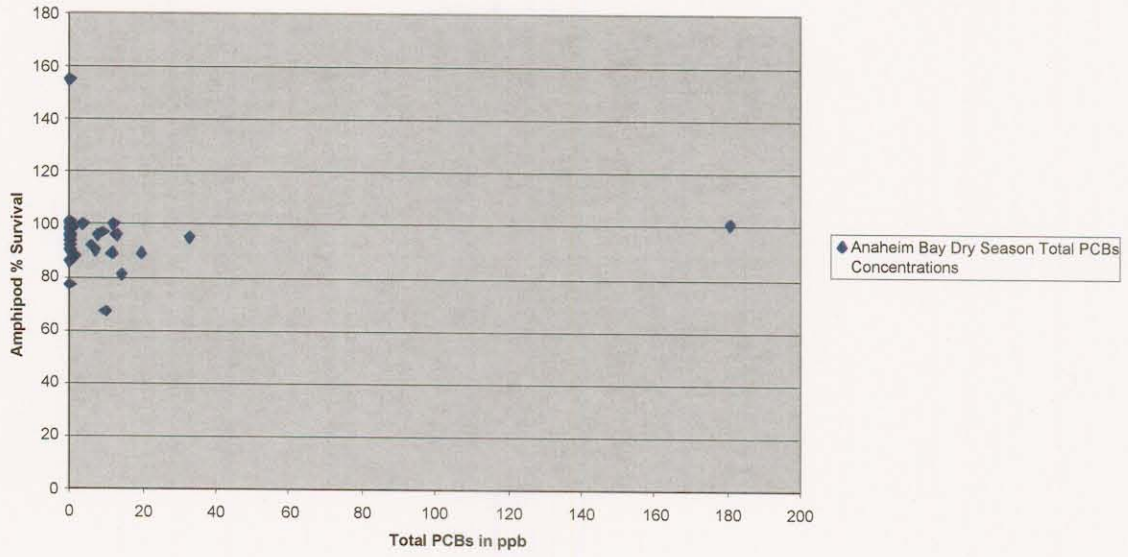
Anaheim Bay Dry Season Total Chlordane Concentrations



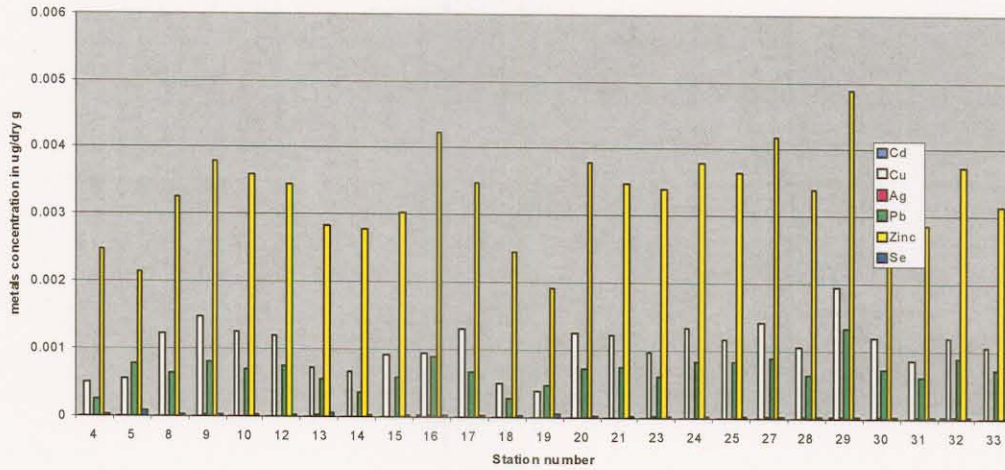
Anaheim Bay Dry Season Dieldrin Concentrations



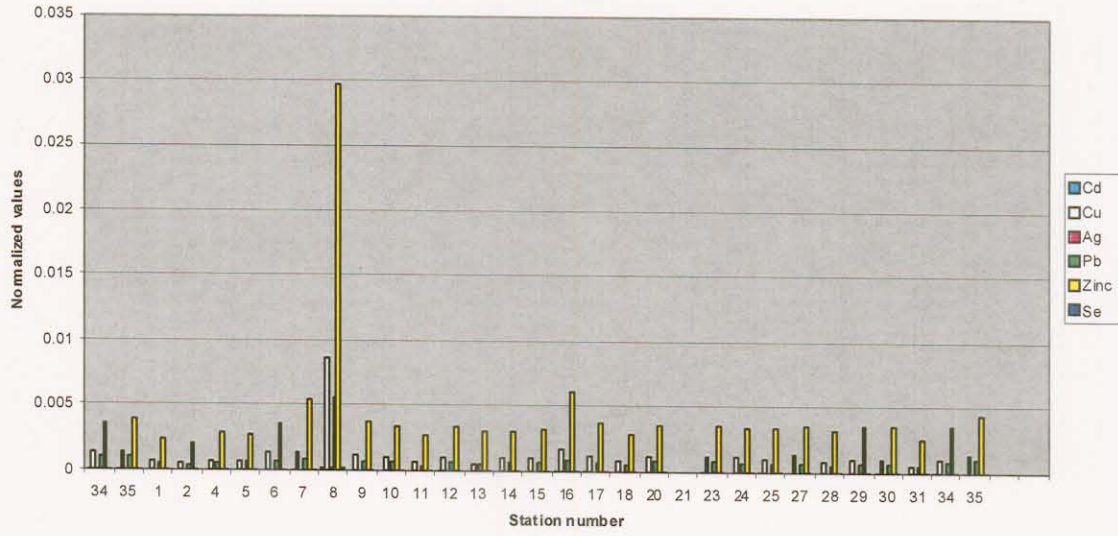
Anaheim Bay Dry Season Total PCBs Concentrations



ANAHEIM BAY
Metals normalized to Iron



ANAHEIM BAY
Metals Normalized to Iron



Metals Normalized to Aluminum

