# San Francisco Bay Fish Project: Public Outreach and Education to Reduce Exposure to Mercury and PCBs

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#### The Problem

While fish is an important part of a healthy diet, most fish caught in San Francisco Bay contain elevated levels of harmful chemicals, including mercury and polychlorinated biphenyls (PCBs). The presence of these chemicals in Bay fish is the basis for the current health advisory. This advisory recommends that fish consumers limit the types and amounts of fish they eat as a way to limit their exposure to these chemicals.

The clean-up and management of mercury and PCBs in San Francisco Bay is the long-term goal of state regulatory agencies. However, activities are needed in the interim to address the possible health risks to consumers of Bay fish.

# The Approach to Risk Reduction

The San Francisco Bay Fish Project (SFBFP) is a two-year effort to raise awareness and understanding of fish contamination issues and reduce human exposure to chemicals from consumption of San Francisco Bay fish. The project is also part of the Regional Water Quality Control Board's TMDL strategy to address possible health risks from mercury and PCBs contamination in the Bay.

### The Collaboration

The California Department of Public Health is implementing the SFBFP in collaboration with community-based groups, state and local agencies, the Office of Environmental Health Hazard Assessment, and the Aquatic Science Center. The project is funded by the Bay Area Clean Water Agencies. the Bay Area Stormwater Management Agencies Association, the Western State Petroleum Association, and the US Environmental Protection Agency.

> For more information, visit the project web at <a href="http://www.sfei.org/sfbfp">http://www.sfei.org/sfbfp</a> or contact Aida Negrón at aida.negron@cdph.ca.gov or (510)



Needs assessments are a process for determining and addressing needs, or "gaps" between current The objective was to learn about nonulations consuming Bay fish and explore approaches to



**Support and Conduct Risk** Communication and Risk Reduction Activities

- Provide funding to community-based groups to conduct outreach and education activities to address fish contamination issues in their communities
- **Develop multilingual educational** materials and a warning sign that will be posted at Bay fishing locations

# **Funded Groups**

# APA

APA Family Support Services, San

with the Asian and Pacific Islander Family agencies providing family support



 California Indian Environmental Alliance, Berkeley

families with an understanding of San advisories and how to avoid fish high in

## **Funded Groups**

# GREENACTION

Stakeholders Advisory Group

 Greenaction for Health and **Environmental Justice, San Francisco** 

#### KIDS for the BAY, Berkeley By means of their Safe Bay Food

educators in their communities. They

# **Conduct Capacity Building** Trainings for funded groups

- and project stakeholder • Training topics include:
- o Sources of contaminants
- o Health risks related to
- o Health benefits related to
- o Project evaluation tools and methods (for funded groups)

#### The SAG is open to all interested parties. DPH seeks broad representation

fishing populations, manage simply interested in addressing

The Stakeholder Advisory Group (SAG) guides the development of

> education, and exposure reduction activities.

The SAG meets



### **Project Evaluation**

- Evaluation of project by funded
- o Process Evaluation number of
- reached, and number who are "at
- knowledge, access to advisory information, or intent to change
- SAG evaluation



