

Delta Mercury Exposure Reduction Program

Six-year Project Overview

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SACRAMENTO - SAN JOAQUIN

DELTA CONSERVANCY

A California State Agency



What is Delta MERP?



OEHHA
California Office of Environmental
Health Hazard Assessment



California Department Of
PublicHealth



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Goal

Protect public health by reducing the risk of exposure to methylmercury from eating fish from the Delta



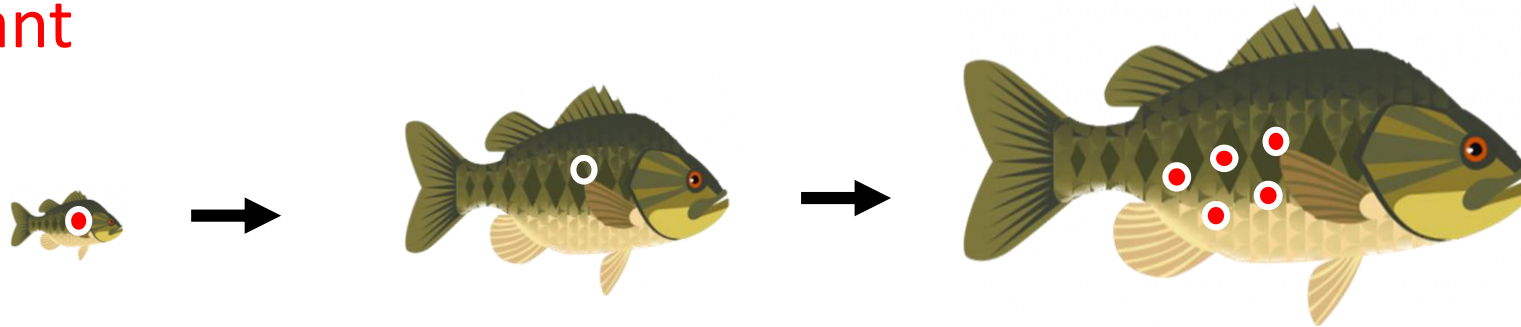


Mercury in the Environment

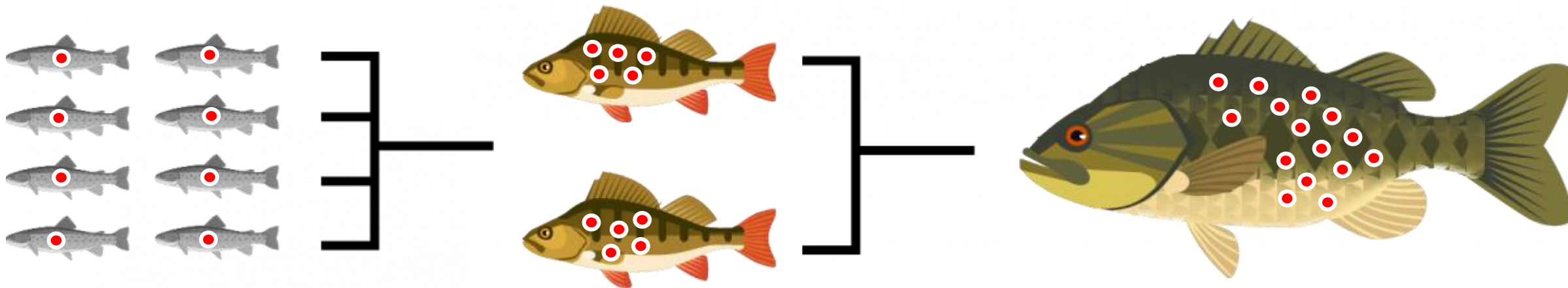
- Atmosphere
- Mercury-Rich Soils
- Legacy Mining
 - Gold Mining
 - Mercury Mining

Bioaccumulation

- Contaminant



Biomagnification





Vulnerable Groups



- Women Who May Become Pregnant
- Pregnant Women
- Nursing Women
- Fetuses
- Babies
- Children



Vulnerable Groups



- Anglers Frequently Eating Fish They Catch From the Delta
- Their Families



Delta MERP Activities

- Convening Stakeholder Group
- Developing Multilingual Educational Materials
- Conducting Outreach
- Posting Advisory Signs
- Sign Evaluation Project



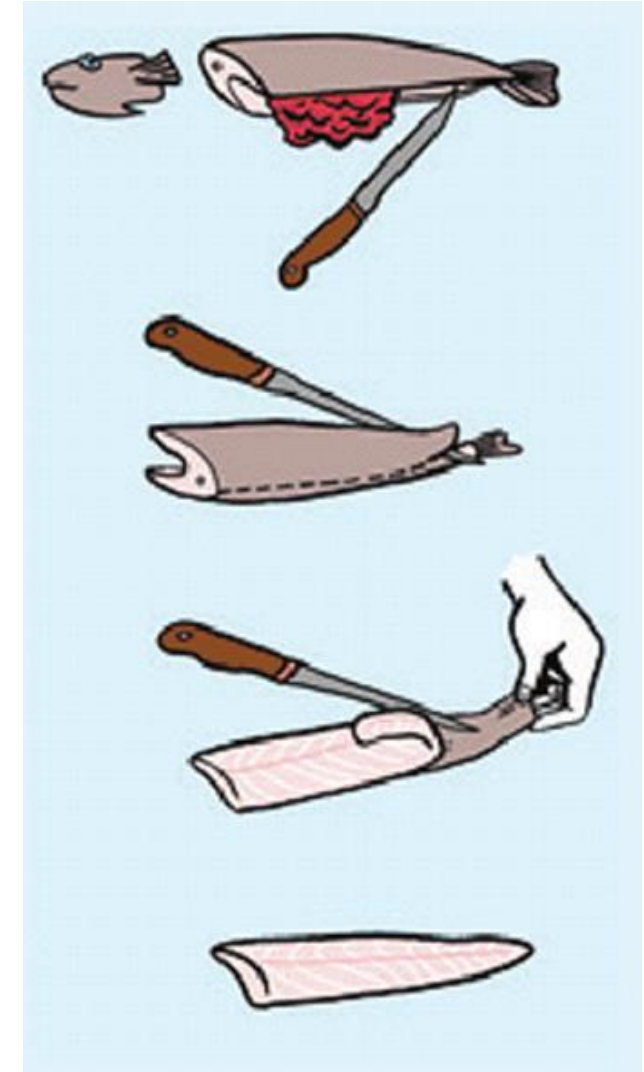
Delta Advisories

- 3 Delta Advisories:
 - Sacramento River & North Delta
 - Central & South Delta
 - San Joaquin River
- Developed by the Office of Health Hazard Assessment
- Provide Fish Consumption Advice for Delta fish



Material Development

- Low-Literacy
- Language Translations
 - Khmer (Cambodian)
 - Chinese
 - Hmong
 - Lao
 - Russian
 - Spanish
 - Tagalog
 - Vietnamese



Small Grants Program

- Underserved Communities
- 10,000+ Families/Individuals
- 50+ Workshops/Tabling Events
- 14 Community Based Organizations

Sacramento County

Southeast Asian Assistance Center

San Joaquin County

First 5; Lao Khmu; El Concilio; Family Resource Network; Family Resource & Referral Center; Child Abuse Prevention Council; United Cerebral Palsy; Asian Pacific Self Development and Residential Association

Solano County

Rio Vista Care

Yolo County

First 5; Yolo County Children's Alliance

Contra Costa County

Women, Infants & Children; The California Indian Environmental Alliance



Tribal Outreach

Collaboration

- Tribal Coordinators
- Public Health Centers
- Tribal Affiliated Groups
- 14 Tribes

Community Events

- Pow Wows
- Sacramento Native American Day



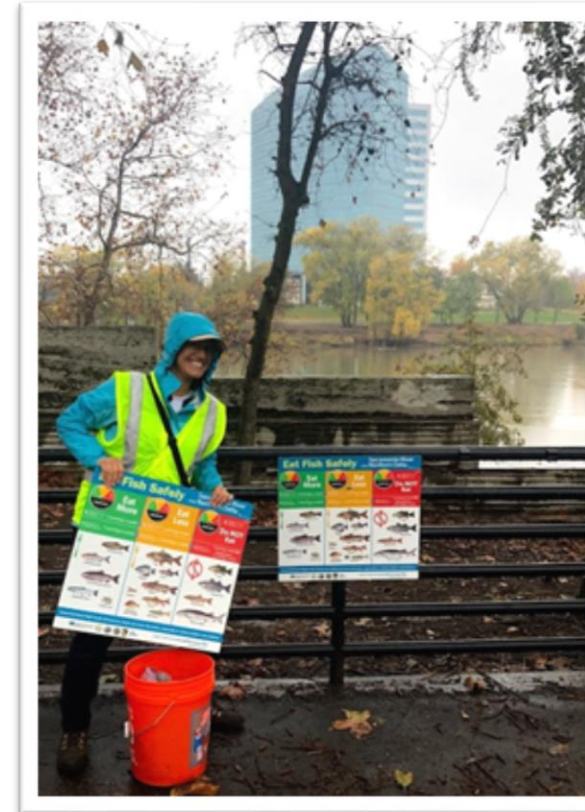
Photo by Selina Cole, CVRWQCB

Advisory Sign Posting Collaboration

- State Agencies
- City and County Departments
- Regional Parks
- Private Business & Property Owners

147 Signs Posted

- Public Fishing Access Points
- Site Permissions
- Site Coordinators



Beyond 2020

Regional Water Boards leading the efforts

- Communicating with Community Organizations & Tribes
- Providing & Translating Advisory Materials
- Convening an Annual Meeting



Delta MERP Accolades

- Recognition at Asian Pacific Self-Development And Residential Association 25th Anniversary
- 2015 Sierra Fund's Golden Pinecone Recipient



Thank You!

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Central Valley Regional Water Quality Control Board



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