Headwater Mercury Source Reduction
STRATEGIC TARGET 3

Mercury-Contaminated Sediment in Reservoirs

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Headwater Mercury Source Reduction Strategy
Four Targets

1. Hydraulic Mines and Mine Features
2. Mercury in Forest and Land Management
3. **Mercury-Contaminated Sediment in Reservoirs**
4. Mercury Exposure via Fish Consumption
Strategy for Removal of Mercury-Contaminated Sediment from Reservoirs: Develop and apply best-available technologies and methods to prioritize and remove mercury-contaminated sediment from reservoirs.

Action 1: Develop database of reservoirs impacted by mercury-contaminated sediment.

Action 2: Conduct baseline sampling for mercury (sediment, water, pore water, biota).

Action 3: Rank and prioritize reservoirs for remediation and for pilot projects.

Action 4: Make recommendations and monitor implementation of best-practices for reservoir remediation.
Mercury-Contaminated Sediment in Reservoirs

- Support the development of at least one sediment removal project per year in partnership with reservoir managers.

- Develop monitoring plans for reservoir sediment removal projects led by irrigation districts and others.

- Identify and characterize mercury-reduction best-practices for reservoir maintenance activities including sediment removal.

- Support reservoir sediment removal efforts in other mining-impacted regions by sharing monitoring strategies and best-practices.

- Coordinate best-practices into regional regulatory and planning efforts such as the Statewide Reservoir TMDL for mercury.