

California State Wildlife Action Plan (SWAP) 2015

**North Lahonton Hydrologic Unit – Eagle Lake
Eagle Lake Native Fish Assemblage**

What are the sensitive species found in Eagle Lake? The following 5 fish species found in Eagle Lake are found to be sensitive:

EAGLE LAKE TUI-CHUB	TAHOE SUCKER
EAGLE LAKE RAINBOW TROUT	SPECKLED DACE
LAHONTAN REDSIDE	

What do we find important for recovering and sustaining healthy fish populations in the Eagle Lake watershed?

Ecological features that are found to be most critical to sustain healthy Eagle Lake fish populations are:

- Area and extent
- Biotic interactions
- Connectivity
- Surface water flow regime
- Water level fluctuations
- Soil/Sediment erosion deposition regime

Degraded ecological conditions that are found to be impacting Eagle Lake fish populations are:

- Change in community structure or composition
- Change in biotic interactions (altered community dynamics)
- Change in sediment erosion-deposition regime
- Habitat fragmentation
- Change in average annual precipitation
- Change in average annual air temperature
- Change snow pack
- Change in runoff and river flow
- Change in water levels and hydroperiod
- Change in groundwater tables

Human related activities and issues that are found to be sources of potential impacts to Eagle Lake fish populations are:

- Dams & Water Management/Use
- Roads & Railroads
- Invasive plants/animals

- Livestock Grazing Farming and Ranching

More questions?

1. Come talk to us and ask questions at scoping meetings!
2. Check our Website: <http://www.dfg.ca.gov/SWAP/>
3. Provide written comments

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