

**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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