

Conservation Hatcheries in California's Central Valley – Overview

- Central Valley Project (CVP) and State Water Project (SWP) hatcheries within the Central Valley include Livingston Stone National Fish Hatchery (LSNFH), Coleman National Fish Hatchery, Feather River Fish Hatchery (FRFH), and Nimbus Fish Hatchery (see map on next page).
- LSNFH is the only hatchery currently supporting endangered Sacramento River winter-run Chinook salmon through annual supplementation activities and maintenance of the Winter Chinook Captive Broodstock Program. Working closely with Coleman National Fish Hatchery, efforts are currently underway to reintroduce winter-run Chinook salmon to North Fork Battle Creek, an area recently restored as part of the Battle Creek Restoration Program.
- As the primary source of hatchery produced Central Valley spring-run Chinook salmon, FRFH will be integral for a number of planned reintroduction efforts throughout the Central Valley, including the Yuba River and the McCloud River above Shasta Dam. This hatchery has already contributed substantially to the San Joaquin River Restoration Program (SJRRP). Since 2012, FRFH has provided Central Valley spring-run Chinook salmon for direct translocation/release into the San Joaquin River and to be held as captive broodstock at the San Joaquin Salmon Conservation and Research Facility for reintroduction purposes.
- California Central Valley steelhead are produced by Central Valley hatcheries for mitigation purposes. Input from Southwest Fisheries Science Center researchers are helping to improve Central Valley steelhead hatchery programs, but currently there are no conservation hatchery programs for steelhead in the Central Valley.
- Many facilities with conservation programs have multiple infrastructure improvement needs. Recent drought highlighted these needs as hatchery managers attempted to maintain hatchery operations through temperature and flow fluctuations. Additionally, a number of the facilities have infrastructure that is significantly outdated (*e.g.*, electrical and plumbing infrastructure) and must be brought to modern standards before improvements can be made.

Central Valley Anadromous Fish Hatcheries



Hatchery	Associated River	Salmon/Steelhead Stocks and Associated Listing Status
Livingston Stone NFH	Sacramento River	SR winter-run Chinook salmon (E)
Coleman NFH	Battle Creek* (partial mitigation for Shasta Dam on Sacramento River)	CCV steelhead (T) CV fall-run Chinook salmon (UL) CV late-fall Chinook salmon (UL)
Feather River Hatchery	Feather River	CV spring-run Chinook salmon (T) CCV steelhead (T) CV fall-run Chinook salmon (UL)
Nimbus Fish Hatchery	American River	CV fall-run Chinook salmon (UL) Out-of-basin steelhead (UL)* (Eel River/Mad River origin steelhead)
Mokelumne River Hatchery	Mokelumne River	CCV steelhead (T) CV fall-run Chinook salmon (UL)
Merced River Hatchery	Merced River	CV fall-run Chinook salmon (UL)
San Joaquin SCARF	San Joaquin River	CV spring-run Chinook salmon* (10(j) non-essential experimental population)

Key for Listing Status: Endangered = (E), Threatened = (T), Unlisted = (UL)