

Staff Summary for April 17-18, 2024

2B. Department Director and Law Enforcement Division Reports

Today's Item

Information

Action

The Department will highlight items of note since the last Commission meeting.

Summary of Previous/Future Actions (N/A)

Background

Verbal reports are expected for the Department director's report and Law Enforcement Division's report.

A news release of potential interest related to a salmon mortality event on the Klamath River is provided as Exhibit 1.

Significant Public Comments (N/A)

Recommendation (N/A)

Exhibits

1. [Department news release: Fall Run Chinook Salmon Fry Succumb to Gas Bubble Disease in Klamath River, dated March 2, 2024](#)

Motion (N/A)



CDFW NEWS

March 2, 2024

Media Contacts:

[Jordan Traverso](#), CDFW Communications, (916) 212-7352

[Jason Roberts](#), CDFW Northern Region, (530) 526-2168



Fall-Run Chinook Salmon Fry Succumb to Gas Bubble Disease in Klamath River

The California Department of Fish and Wildlife (CDFW) announced today that fall-run Chinook salmon fry released for the first time from its Fall Creek Fish Hatchery in Siskiyou County are presumed to have succumbed to gas bubble disease in the Klamath River.

On Monday, Feb. 26, CDFW released approximately 830,000 fall-run Chinook salmon fry into Fall Creek, a tributary of the Klamath River above Iron Gate Dam. The fish were hatched at CDFW's new, \$35 million, state-of-the-art Fall Creek Fish Hatchery, which represents California's long-term commitment to supporting and restoring both Chinook and coho salmon runs on an undammed Klamath River.

The salmon fry experienced a large mortality based on monitoring data downstream. Indications are the cause of mortality is gas bubble disease that likely occurred as the fry migrated through the Iron Gate Dam tunnel, old infrastructure that is targeted for removal along with the Iron Gate Dam itself later this year. Gas bubble disease results from environmental or physical trauma often associated with severe pressure change.

There is no indication the mortality is associated with other Klamath River water quality conditions such as turbidity and dissolved oxygen, which were reading at suitable levels on Feb. 26 and the days prior to release. The visual appearance of the dead fry detected by monitoring equipment points to gas bubble disease. Monitoring equipment documented other healthy yearling coho and Chinook salmon that came from downstream of the dam.

The problems associated with the Iron Gate Dam tunnel are temporary and yet another sad reminder of how the Klamath River dams have harmed salmon runs for generations. CDFW will plan all future salmon releases below Iron Gate Dam until this infrastructure is removed. Poor habitat conditions caused by the dams and other circumstances such as this are reasons why CDFW conducts releases of hatchery fish at various life stages.

CDFW's Fall Creek Fish Hatchery continues to hold approximately 3.27 million healthy, fall-run Chinook salmon. Additional releases are planned later in the month.

The annual fall-run Chinook salmon production goal for the hatchery is to raise and release 3.25 million fish – 1.25 million released as fry, 1.75 million as smolts, and 250,000 as yearlings. The additional stock of fall-run Chinook salmon

remaining in the hatchery exceeds the annual production goal and will help offset losses experienced with the initial release of fry.

Persons with disabilities needing reasonable accommodation to participate in public meetings or other CDFW activities are invited to contact CDFW's Accessibility Coordinator in the CRO Office at (916) 902-5577, or send an email to CivilRights@wildlife.ca.gov. Reasonable Accommodation requests for facility and/or meeting accessibility should be received at least 21 days prior to the event. Requests for American Sign Language Interpreters should be submitted at least two weeks prior to the event, and requests for Real-Time Captioning at least four weeks prior to the event. These timeframes are to help ensure that the requested accommodation is met. If a request for an accommodation has been submitted but due to circumstances is no longer needed, please contact the Accessibility Coordinator immediately.