



Field Activity Advisory

Salmon Redd Monitoring and Carcass Recovery Surveys

August 2022 - November 2022

The San Joaquin River Restoration Program (SJRRP) is conducting surveys to better understand salmonid spawning habitat quality in Reach 1 of the Restoration Area, from Friant Dam to Milburn Ecological Unit.

These surveys focus on: 1) locating salmonid redds, or nests; 2) describing the physical habitat characteristics where redds are placed; and 3) recovering carcasses to determine spawning success.

These studies will assist the SJRRP in identifying available spawning habitat and potential habitat restoration actions.

Who: U.S. Fish and Wildlife Service and California Department of Fish and Wildlife

What: Weekly surveys will be conducted by boat to find, measure and spatially document redds produced by spring-run Chinook salmon that were transported and released into Reach 1 earlier this year as part of the SJRRP's adult trap-and-haul program and as ancillary broodstock releases. Chinook salmon carcasses encountered during redd surveys will be sampled for scales and otoliths (inner ear) as well as physical observations, measurements and jaw tags.



Figure 1: Field crew surveying for spring-run Chinook salmon redds and carcasses in Reach 1 of the San Joaquin River.

When: Redd surveys and carcass recovery efforts will begin in August and continue through November.

Where: These activities will occur in Reach 1 of the San Joaquin River, from Friant Dam to the Milburn Ecological Unit. Researchers will gain access through the public right-of-way or areas where private landowners have granted access.

Environmental disclosure documents including a California Environmental Quality Act Notice of Exemption and a National Environmental Policy Act Categorical Exclusion are available upon request.

Questions about this activity should be directed to:

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Questions about activities on public and private land should be directed to the SJRRP Landowner Coordinator, Craig Moyle, at 916-418-8248 or via e-mail at craig.moyle@stantec.com.

Questions about the SJRRP should be directed to Josh Newcom, SJRRP Public Affairs Specialist, at 916-978-5508 or via e-mail at snewcom@usbr.gov.

An on-line list of field advisories can be found at <https://www.restoresjr.net/get-involved/field-advisories/>. For more information, please visit the SJRRP Web site at www.restoresjr.net.