


D O S R I O S

AGRICULTURAL SALMON EASEMENT

BUILDING PARTNERSHIPS & REACTIVATING FLOODPLAINS





The Dos Rios Project
will provide nearly 1500 acres
of reactivated floodplain habitat
that will serve as a multi-benefit
model for future innovative water
management, continued farming,
and salmon recovery efforts
throughout California.

PROJECT DESCRIPTION

The Dos Rios Project aims to promote an innovative approach to water management by executing many aspects of the water resilience portfolio set forth by the Newsom Administration.

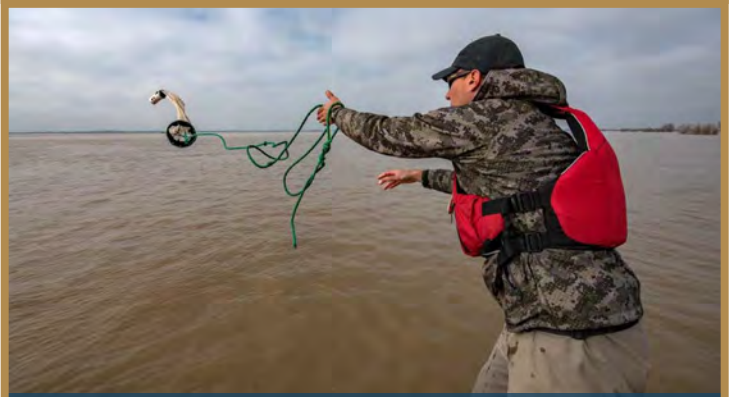
- Easement on +/- 1500 acres with continued farming – duration of flooding would be from October–March 1st
- Riparian and “backing and stacking”
- Minor improvements to drainage

UNIQUE CHARACTERISTICS OF PROPERTY (FOR SALMONIDS)

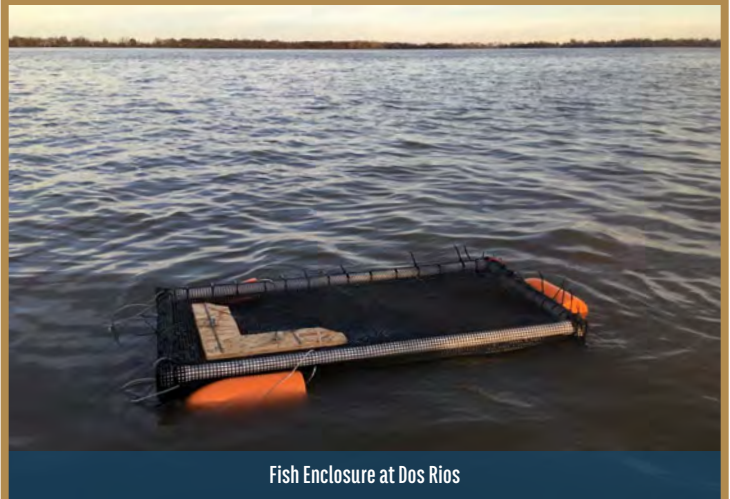
- This site is one of the highest impact winter run salmon projects in the valley.
- Winter-run juveniles out-migrating though the Sacramento River will be able to access the managed ag floodplain at Dos Rios multiple times a year as the Sutter Bypass inundates from backwatering.
- The site location at the confluence of the Sacramento River, Butte Creek and Feather River allows the site to be frequently accessed by all runs that spawn in the upper Sac, Butte Creek spring run, and Feather spring and fall runs.
- The site is among the most frequently inundated floodplains in the entire Valley with direct hydrologic connection to the Sacramento River.

PROJECT BENEFITS

- Recharges Groundwater
- Flood Control
- Migratory Bird Habitat/Pacific Flyway
- Continued Farming
- Water Quality
- Rearing Habitat/Food Production



Carson Jeffres conducting salmon studies at Dos Rios



Fish Enclosure at Dos Rios



All four runs of Chinook Salmon have access to this habitat



Migratory birds using Dos Rios as habitat



INUNDATION FREQUENCY

- 53 individual flood events from 1975–2013
- 1.3 events per year on average
- Earliest flooding has occurred in October and flooded as late as July

FUTURE STUDIES

- Quantify management options that will maximize fish habitat in coordination with out-migrating fish, zooplankton production, and agricultural practices

CONTACTS

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