

## Memorandum

To : Colusa Drain Files

Date : June 13, 1989

From : Department of Fish and Game

Subject : Chinook Smolts in Colusa Drain and Butte Slough, 1989

Feather River Hatchery planted 600,320 fall-run chinook salmon fingerlings at 1,072/lb. in the Colusa Drain in the vicinity of the Norman-Princeton Road on January 9 and 12, 1989. Growth and survival of these salmon fry was monitored by seining the drain on March 8 and 10. The drain was sampled at the crossings of Norman-Princeton Road, the junction of Willow Creek and Colusa Drain, and White Road, Colusa County. At all locations, salmon were found, and displayed good growth.

<u>Location</u>	<u>No. CHIN</u>	<u>Size Range(mm)</u>	<u>H<sub>2</sub>O Temp</u>
Norman-Princeton Road	5	65-75	57°F
Willow Creek & Colusa Dr.	1	55	56°F
White Road	7	57-72	55°F

Butte Slough was also evaluated for smolt-rearing habitat. On March 9, ~~salmon were~~ found in a haul made in the vicinity of Butte Slough at Pass Road, southwest of the Sutter Buttes. The water was 56°F.

*a CHIN ~ 65mm*

*Fred Meyer*  
 Mary Faustini  
 Fishery Biologist

cc: F. Meyer

MF:ds