

DRAFT ONLY

To : Richard D. Beland

Date: July 19, 1984

From : Department of Fish and Game - Glenn/Colusa Fish Screen

Subject: Selective operation of the Glenn/Colusa Fish Screen

Because of the lack of bypass water at the Glenn/Colusa Fish Screen an operational alternative might be to operate only in those years in which adequate bypass water was present. Currently the Screen is assigned one full-time Fish and Wildlife Assistant II position with approximately 70% of the time allocated to the Fish Screen. Selective operation might include several alternatives:

- I. Eliminate the F.&W.A.II position and man as necessary from the Elk Grove Screen Shop as is done at the Hallwood Screen.

1. Man with seasonal April-June.

F.&G. Costs

Seasonal salary (480 hrs. x \$4.80/hr)	\$ 2,304
F.&W.A.II assistance (320 hrs x (\$12.71/hr + \$6.83/hr per diem)	6,252
F.H.S.II administration (48 hrs x 19.50/hr)	936
Materials	7,228

G.C.I.D. Costs

Power costs April-June	2,679
Power costs Jan-March, July-Dec.	981
Dredge costs (\$250/hr x 64 hrs)	16,000
Inspection and cleaning (540hrs x \$12/hr)	6,480
Total costs	<u>\$42,860</u>

Allocated to F.&G. ($\frac{1}{2}$ of total) \$21,898

2. Man with seasonal April-Nov.

F.&G. Costs

Seasonal salary (1280 hrs. x \$4.80/hr)	\$ 6,144
F.&W.A. II assistance (400 hrs. x (\$12.71/hr. + \$6.83/hr. per diem)	7,816
F.H.S. II administration (128 hrs. x \$19.50)	2,496
Materials	7,228

G.C.I.D. Costs

Power costs April-Nov.	6,147
Power costs Jan-Mar., Dec.	436
Dredge costs (\$250/hr. x 64 hrs.)	16,000
Inspection and cleaning (540 hrs. x \$12/hr.)	6,000-480
Total costs	<u>\$52,267</u>

Allocated to F.&G. ($\frac{1}{2}$ of total) \$22,381

DRAFT ONLY

9. Manning when screen not installed.

<u>F.&G. Costs</u>	
F.H.S. II administration (40 hrs. x \$19.50)	\$ 780
<u>G.C.I.D.</u>	
Power costs	1,308
Inspection and cleaning (540 hrs. x \$12/hr.)	6,000
Total costs	<u>\$8,088</u>

II. Continue F.&W.A. II at the Glenn/Colusa Screen.

1. Screen installed April-June.

Total as per previous cost evaluation	<u>\$39,108</u>
Total as allocated to F.&G.	<u>\$21,298</u>

2. Screen installed April-Nov.

Total as per previous cost evaluation	<u>\$60,094</u>
Total as allocated to F.&G.	<u>\$31,919</u>

3. Screen not installed. •

F.&W.A. II (40 hrs. x \$12.70)	\$ 508
G.C.I.D. power costs	1,308
Inspection and cleaning	6,000
Total costs	<u>\$7,366</u>

4. Develop additional projects to utilize F.&W.A. II position during non screening periods.

- a. Assumption of or assistance with projects currently handled by area biologists.
- b. Upgrade some equipment and utilize position for fabrication projects.
- c. Mount more aggressive screening campaign on small diversions region-wide as in Region I.

Paul D. Ward
Fish and Wildlife Assistant II