

**1987 State Water Resources Control Board
Water Rights Hearing Exhibits¹
California Department of Fish and Game**

California Department of Fish and Game
Water Branch
830 S Street
Sacramento, CA 95811

February 2010

Prepared for the Informational Proceeding to Develop
Flow Criteria for the Delta Ecosystem
Necessary to Protect Public Trust Resources
Before the State Water Resources Control Board

Beginning March 22, 2010

¹ Exhibit 65 missing

Index of Exhibits

- DFG 1 Daniel Qualifications
DFG 2 Water Needs for Central Valley Wetlands
DFG 3 Wernette Qualifications
DFG 4 Endangered Species Report
DFG 5 Suisun Marsh *B-D*
DFG 6 Delta Wildlife
DFG 7 Bay Wildlife *B-D*
DFG 8 H. K. Chadwick Qualifications
DFG 9 Trinity River
DFG 10 Mills Qualifications
DFG 11 Turner Qualifications
DFG 12 Lower American River
DFG 13 Instream Flow Report 86-1
DFG 14 Loudermilk Qualifications
DFG 15 San Joaquin River (Loudermilk)
DFG 16 Odenweller Qualifications
DFG 17 Facility loss estimates
DFG 18 Pumping Plant (HKC)
DFG 18a Sacramento River Salmon Survival, etc.
DFG 19 Salmon Needs (HKC)
DFG 20 Stevens Qualification
DFG 21 Kohlhorst Qualifications
DFG 22 Urquhart Qualifications
DFG 23 Shad
DFG 24 Resident Fish
DFG 25 Striped Bass Report *red*
DFG 26 L. W. Miller Qualifications
DFG 27 J. Orsi Qualifications
DFG 28 Zooplankton Report
DFG 29 L. W. Botsford Qualifications
DFG 30 The Historical Level Concept

DFG 31 Faggella, G. A. and B. J. Finlayson. 1987
Hazard assessment of rice herbicides, molinate
and thiobencarb, to larval and juvenile
striped bass. California Department of
Fish and Game, Environmental Services
Division Administrative Report No. 87-2. 83 p.

DFG 32 Knutson, A. C., Jr. and J. J. Orsi. 1983.
Factors regulating abundance and distri-
bution of the shrimp, Neomysis mercedis,
in the Sacramento-San Joaquin Estuary.
Transactions of the American Fisheries
Society 112:476-485.

- DFG 33 Kohlhorst, D. W. 1973. An analysis of the annual striped bass die-off in the Sacramento-San Joaquin Estuary, 1971-72. California Department of Fish and Game. Anadromous Fisheries Branch Administrative Report No. 73-7. 22 p.
- DFG 34 Kohlhorst, D. W. 1975. The striped bass (Morone saxatilis) die-off in the Sacramento-San Joaquin Estuary in 1973 and a comparison of its characteristics with those of the 1971 and 1972 die-offs. California Department of Fish and Game, Anadromous Fisheries Branch Administrative Report No. 74-13. 14 p.
- DFG 35 Orsi, J. J. and W. L. Mecum. 1986. Zoo-plankton distribution and abundance in the Sacramento-San Joaquin Delta in relation to certain environmental factors. Estuaries 9:326-339.
- DFG 36 Radtke, L. D. and J. L. Turner. 1967. High concentrations of total dissolved solids block spawning migration of striped bass (Roccus saxatilis) in the San Joaquin River, California. Transactions of the American Fisheries Society 96:405-407.
- DFG 37 Ricker, W. E. 1975. Computation and interpretation of biological statistics of fish populations. Fisheries Research Board, of Canada Bulletin 191. Pages 1-15, 75-79, 123-124.
- DFG 38 Stevens, D. E. 1977a. Striped bass (Morone saxatilis) year class strength in relation to river flow in the Sacramento-San Joaquin Estuary, California. Transactions of the American Fisheries Society 106:34-42.
- DFG 39 Stevens, D. E. 1977b. Striped bass (Morone saxatilis) monitoring techniques in the Sacramento-San Joaquin Estuary. Pages 91-109 in W. Van Winkle, editor. Proceedings of the conference on assessing the effects of power-plant-induced mortality on fish populations. Pergamon Press, New York, New York.
- DFG 40 Stevens, D. E., D. W. Kohlhorst, L. W. Miller, and D. W. Kelley. 1985. The decline of striped bass in the Sacramento-San Joaquin Estuary, California. Transactions of the American Fisheries Society 114:12-30.

- DFG 41 Turner, J. L. and H. K. Chadwick. 1972. Distribution and abundance of young-of-the-year striped bass, Morone saxatilis, in relation to river flow in the Sacramento-San Joaquin Estuary. Transactions of the American Fisheries Society 101:442-452.
- DFG 42 Turner, J. L. and T. C. Farley. 1971. Effects of temperature, salinity, and dissolved oxygen on the survival of striped bass eggs and larvae. California Fish and Game 57:268-273.
- DFG 43 Turner, J. L. 1976. Striped bass spawning in the Sacramento and San Joaquin rivers in Central California from 1963 to 1972. California Fish and Game 62:106-118.
- DFG 44 Michael Rugg Qualifications
- DFG 45 Statement on Pollution Problems in the Bay Delta Estuary
- DFG 46 The relationship between pollutants & striped bass health as indicated by variables measured from 1978 to 1985
- DFG 47 Striped bass Health Index Monitoring 1985 Final Report D. L. Knudsen and Dave W. Kohlhorst, California Department of Fish and Game: Bay-Delta Fisheries Project, Stockton, CA. Prepared for California State Water Resources Control Board Interagency Agreement 4-090-120-0.
- DFG 48 Perry Herrgesell Qualifications
- DFG 49 Paul S. Hofmann Qualifications
- DFG 50 James R. White Qualifications
- DFG 51 Donald Hammond Qualifications
- DFG 52 Selenium in fish and wildlife of San Francisco Bay and the Sacramento-San Joaquin Estuary, 1986-1987
- DFG 53 Selenium Verification Study 1986. A Report to the State Water Resources Control Board by White, J. R., P.S. Hofmann, D. Hammond, and S. Baumbgartner, CA Dept. of Fish and Game May 1987. (Interagency Agreement 5-096-300-2)

No Exhibit 54

- DFG 55 Charles S. Armor Qualifications
- DFG 56 Patrick J. Coulston Qualifications
- DFG 57 Kathryn A. Hieb Qualifications
- DFG 58 Sonia A. Hamilton Qualifications
- DFG 59 Summary of Delta Outflow Effects on
San Francisco Bay Fish and Invertebrates
- DFG 60 Delta Outflow Effects on the Abundance and
Distribution of San Francisco Bay Fish and
Invertebrates, 1980-1985.
- DFG 61 Effects of Freshwater Outflow on San Francisco
Bay Biological Resources
- DFG 62 Does the Benthos control Phytoplankton
Biomass in South San Francisco Bay?
- DFG 63 Effects of Freshwater Flow on Fishery
Resources in the Sacramento-San Joaquin
Estuary
- DFG 64 Program of Implementation Introduction
- DFG 65 Plan to Assess Central Valley Salmon Problems
and Solutions in Connection with the State
Water Resources Control Board Delta Hearings
- DFG 66 Implementation of Wetland Water Supplies