

State of California
The Resources Agency
Department of Fish and Game
WILDLIFE CONSERVATION BOARD

Minutes, Meeting of July 20, 1968

C O N T E N T S

<u>Item No.</u>	<u>Page No.</u>
1. Roll Call	1 - 2
2. Approval of Minutes	3
3. Status of Funds	3 - 4
4. San Pedro Fishing Pier, Los Angeles County	4 - 7
5. South Laguna Fishing Pier, Orange County	7 - 8
6. Imperial Valley Warmwater Hatchery, Imperial County	8 - 11
7. Bridgeport Reservoir Fishing Access, Mono County	11 - 12
8. Mouth of Mad River Fishing Access, Humboldt County	13 - 14
9. Lake Cuyamaca Public Fishing Area, San Diego County	15 - 16
10. San Simeon Fishing Pier, San Luis Obispo County	16 - 17
11. Big Sage Reservoir Fishing Access, Modoc County	17
12. Mt. Shasta Hatchery Water Supply, Siskiyou County	18 - 19
13. Martinez Fishing Pier, Contra Costa County	19 - 21
14. Fillmore Trout Hatchery Modernization, Ventura County	21
15. Bond Act Projects - Status Report	21 - 22
16. Glenn-Colusa Fish Screen - Plans, Glenn County	22 - 23
17. Other Business	
a. Report of preliminary study on two proposals	24

State of California
The Resources Agency
Department of Fish and Game
WILDLIFE CONSERVATION BOARD

Minutes, July 20, 1968

Pursuant to the call of the Chairman, the Wildlife Conservation Board met in the Los Angeles Harbor Commissioners Meeting Room at the CMI Terminal in San Pedro, California, on July 20, 1968. The meeting was called to order by acting Chairman Walter T. Shannon at 1:40 p.m.

1. Roll Call

PRESENT: W. T. Shannon

Acting Chairman

Assemblyman Frank P. Belotti
Senator Fred W. Marler, Jr.

Joint Interim Committee

" " "

Raymond J. Nesbit
Alvin G. Rutsch
John Wentzel
Alma Koyasako
Bella Applebaum

Executive Officer
Assistant Executive Officer
Field Agent
Secretary
Accounting Technician

ABSENT: William P. Elser
Caspar Weinberger

Chairman
Member

Senator Robert J. Lagomarsino
Senator Lewis F. Sherman
Assemblywoman Pauline L. Davis
Assemblyman Lester A. McMillan

Joint Interim Committee

" " "
" " "
" " "

OTHERS PRESENT:

Victor Veysey
Vincent Thomas
Aaron W. Quick
Harvey Chambers
Alonzo Carmichael
Wm. Frederickson
Willis H. Fletcher
Carl E. Woodruff
John C. Ljubenkov

Assemblyman, 75th District
Assemblyman, 68th District
Chula Vista
Lake Cuyamaca Park and Rec. Dist.
City of Los Angeles
City of Los Angeles
Lake Cuyamaca Park and Rec. Dist.
" " " "
Citizens Comm. to Save Cabrillo
Beach
San Pedro Chapter, IWLA
San Pedro
Long Beach
" "
Ocean Fish Protective Association
Wilmington Sportsman Club

Minutes of Meeting, Wildlife Conservation Board
July 20, 1968

Dan Culp	Ocean Fish Protective Association
Rimmon L. Fay	" " " "
Henry L. Chester	" " " "
J. B. Gaskill	" " " "
Philip E. Schlickbernd	" " " "
Richard S. Titera	Humboldt County
Guy E. Rusher	Supervisor, Humboldt County
V. V. Hann	Chula Vista
George F. Seeley	Silverado Sportsmens' Club
W. D. Conaway, Jr.	Douglas L.B. Rod & Gun Club
Louis M. Long	Silverado Sportsmens' Club
L. H. Cloyd	Dept. of Fish & Game
W. S. Wheelock	Douglas El Segundo Rod & Gun Club
W. M. Richardson	Dept. of Fish & Game
R. Macklin	" " " "
James E. Ballinger	Orange Co. Harbor District
Laurence B. Tribe	East Side Rod & Reel Club
Catherine L. Tribe	" " " "
James Townsend	San Pedro
R. W. Jordan	So. Council of Conservation Clubs
Dale Pike	Parks & Recreation, Imperial Co.
Mrs. Celesta Walters	Pomona Valley Lady Anglers
Robert Vile	Ocean Fish Protective Association
Barry Whittaker	City of Martinez
Cal Monson	City Manager, Martinez
Sam Weisenberg	San Diego Co. Wildlife Federation
Leonard Hummel	Inland Council of Conservation Clubs
Edward Rossez	Southern Council of Conservation Clubs
Ray Williams	Ocean Fish Protective Association
Elston L. Kidwell	Supervisor, San Luis Obispo Co.
Fred C. Kimball	" " " "
Sam E. Vaccaro	Beverly Hills
Mel Bareilles	Supervisor, Humboldt County
W. D. Leighton	Dept. of Fish & Game
Rob Jordan	Northridge
Dan Doornbos	California Wildlife Federation
M. W. Doornbos	" " " "
John M. Young	Long Beach Sportsman's Club
James S. Leiby	Dept. of Fish & Game
Jack Robinson	" " " "
Donnell Culpepper	Long Beach
Ward Gillilan	Dept. of Fish & Game

The acting Chairman, W. T. Shannon, advised that Chairman Elser because of illness, and the Director of Finance because of pressing legislative duties, were unable to attend this meeting. Since there is no quorum of the Board, it was Mr. Shannon's suggestion that the Joint Interim Committee proceed with the items on the agenda, making their recommendations to the Board, who will then take action on each proposal at a subsequent meeting.

Minutes of Meeting, Wildlife Conservation Board
July 20, 1968

2. Approval of Minutes

IT WAS MOVED BY ASSEMBLYMAN BELOTTI, SECONDED BY SENATOR MARLER, THAT THE JOINT INTERIM COMMITTEE RECOMMEND THE WILDLIFE CONSERVATION BOARD APPROVE THE MINUTES OF THE FEBRUARY 21, 1968, MEETING OF THE BOARD.

PASSED UNANIMOUSLY.

3. Status of Funds

As of the close of the meeting on February 21, 1968, the amount allocated to projects from the Wildlife Restoration Fund, since the Board's inception in 1947, aggregated \$21,872,203.88.*

a. Fish Hatchery and Stocking Projects	\$4,653,741.88
b. Fish Habitat Development and Improvement Projects	3,263,811.73
1. Reservoir Construction or Improvement	\$1,736,082.93
2. Stream Clearance and Improvement	229,081.94
3. Stream Flow Maintenance Dams	439,503.32
4. Marine Habitat	83,753.36
5. Fish Screens, Ladders and Weir Projects	775,390.18
c. Fishing Access Projects	6,896,333.40
1. Coastal Access	866,484.43
2. River, Stream and Bay Access	1,970,522.69
3. Lake, Reservoir & Salton Sea Access	1,988,098.36
4. Piers	2,071,227.92
d. Game Farm Projects	146,894.49
e. Game Habitat Development and Improvement Projects	6,165,913.58
1. Waterfowl Areas	5,515,665.48
2. Other Wildlife Management Areas	211,798.98
3. Miscellaneous Game Habitat Development	438,449.12
f. Hunting Access	473,711.72
g. Miscellaneous Projects	238,297.08
s. Special Project Allocations	33,500.00

Total Allocated to Projects \$21,872,203.88

*Includes \$312,859.57 reimbursed under Federal Accelerated Public Works Program completed in 1965-66 F.Y.; \$134,955.02 reimbursed under Land and Water Conservation Fund Program; and \$33,509.00 reimbursed under Anadromous Fish Act Program.

Operating Costs:

FY 47/48 thru 64/65 Actual	\$1,003,637.78
FY 65/66 Estimated	95,881.00
FY 66/67 Estimated	100,217.00
FY 67/68 Estimated	101,294.00
FY 68/69 Estimated	101,002.00

Total Actual and Estimated Operating Costs \$1,402,031.78

Minutes of Meeting, Wildlife Conservation Board
July 20, 1968

RECAPITULATION:

Allocations for Projects	\$21,872,203.88
Expenses of Operation	1,402,031.78
Total Expended or Obligated	\$23,274,235.66
Total Funds Appropriated	\$21,750,000.00
Approp. made available 7/1/68	750,000.00
Int. on Surplus Money Inv. thru 1/31/68	1,033,422.53
Miscellaneous Revenue thru 66/67 FY	159,912.76
Miscellaneous Revenue 67/68 FY	3,273.89
Reimbursement from Accelerated Pub. Wks. Program	312,859.57
Reimbursement from Land & Water Cons. Fund	134,955.02
Reimbursement from Anadromous Fish Act Program	33,509.00
Total Accountability	\$24,177,932.77
Total Expended or Obligated	- 23,274,235.66
Available as of 7/1/68	\$903,697.11

4. San Pedro Fishing Pier, Los Angeles County \$400,000.00

Mr. Shannon, at the request of Mr. William Frederickson, General Manager of the Los Angeles Recreation and Parks Department, moved up this item for early hearing.

Mr. Ray Nesbit, the Executive Officer, related that this proposal was the main reason for holding the meeting in the San Pedro area.

As background information, Mr. Nesbit reviewed that the idea of joining with the City of Los Angeles to build a fishing pier at San Pedro was discussed at the April 15, 1966, meeting, and the staff was instructed to work with the City toward that end. At the August 25, 1966, meeting the Board approved this project and allocated \$20,000 to be matched with an equal amount from the City for final plans and specifications. The engineering firm of Koebig and Koebig was hired to develop the plans and specifications for a safe and economical structure which would not exceed the \$600,000 figure given as the preliminary cost.

At the August 25, 1966, meeting the Board also authorized staff to submit this project for a Land and Water Conservation Fund grant. The application was made and the project has been approved. The funding should be as follows: The WCB would allocate 50% of the cost of the pier with the City of Los Angeles providing the other 50%. Upon completion the WCB will request reimbursement of half the total pier construction cost from the Land and Water Conservation Fund. One-half this federal reimbursement will come back to the State with the other half going to the City.

Department of Fish and Game marine biologists report that good fishing could be expected from this pier. They stated they would expect the catch to include queenfish, white croaker, kelp bass, bonito, opal eye, and a number of ocean perch species. Other species such as pompano and barracuda may be taken on occasion.

Minutes of Meeting, Wildlife Conservation Board
July 20, 1968

The San Pedro pier will be unique in that it will be in quiet water inside the harbor and therefore can be built close to the water. It will run parallel to the rock breakwater, a known fish habitat.

With the pier located within easy reach of several million persons, it is expected that it will receive half million user days annually. Fishing piers receive heavy use from those persons who cannot afford to travel to distant mountain streams to do their fishing and who do not choose to go into the ocean on sport boats. Fishermen from minority groups, senior citizens, and children are the most frequent users. Where piers have been built in recent years they have acted as deterrents to juvenile delinquency by providing good wholesome recreational outlets. Many poor families and retirees not only enjoy fishing, but find the fish caught supplement their food budget.

The structure planned will be about 1200 feet long, 21 feet wide and will have approximately 2400 feet of rail space for fishing. Parking will be provided by the City and will be located near the pier approach. The City will operate and maintain this pier free to the public just as they do the Venice Pier -- another WCB-City of Los Angeles project. A unique feature to be tried on an experimental basis is the placement of flood lights under the pier to attract fish at night. These lights will be solar operated, thereby being lighted only during darkness. This experiment will be watched closely to see if such lighting works well enough to provide lights at other piers in which the WCB has an interest.

Bids for pier construction were opened on July 18, 1968, and the low bid by Guy F. Atkinson was \$758,133. It was the recommendation of the Executive Officer that the Board allocate \$400,000, an amount to be matched by the City of Los Angeles, and which sum would allow for construction contingencies and Land and Water Conservation Fund program surcharge. Mr. Nesbit advised that the costs for the pier construction was reviewed preliminarily with staff administering the Land and Water Conservation Fund program, and it appears that the Federal Government could increase their participation to the full 50% of the pier cost, rather than half of the estimated \$600,000 figure. Total cost for each agency would then be approximately \$200,000 for the City, \$200,000 for the Wildlife Conservation Board, and \$400,000 to be reimbursed by the Federal Government. It was his further recommendation that the Board staff be authorized to amend the Land and Water Conservation Fund application for the full amount and that we proceed with the pier as planned rather than to reduce the size and rebid the project.

Senator Marler asked if it was felt worthwhile to resubmit the project for bids or did the bids indicate that the cost estimate was too low. Mr. William Frederickson was asked to comment on this question. It was his opinion that the City had reputable companies to design the pier and to bid on the pier. The job was set up for a basic bid of a 1200 foot pier with two alternates in the form of additions to the pier in increments of 90 feet each. He did not feel we would gain anything by rebidding the job, and, in fact, we would stand to lose precious time by rebidding which might result in higher bids because of the winter construction. He could not commit the Board of Harbor Commissioners, but he stated he would recommend the \$400,000 funding by each agency. The City of Los Angeles has some uncommitted tidelands oil

Minutes of Meeting, Wildlife Conservation Board
July 20, 1968

funds which could be used for this appropriation. He mentioned there is a safety factor to be considered here. Presently people are fishing off the long breakwater and people have been swept over by high waves. The new facility will provide safe fishing for one-half million or more users per year. This pier will be built in connection with a marine recreation center.

In answer to Assemblyman Belotti's question relative to the range of bids, Mr. Frederickson advised that 18 firms took out bid forms, but there were only two firms which bid on the project as follows: Guy F. Atkinson for \$758,133 and Peter Kiewit for \$898,600.

IT WAS MOVED BY ASSEMBLYMAN BELOTTI, SECONDED BY SENATOR MARLER, THAT THE JOINT INTERIM COMMITTEE RECOMMEND THE WILDLIFE RESTORATION BOARD ALLOCATE \$400,000 FROM THE WILDLIFE RESTORATION FUND, WHICH SUM IS TO BE MATCHED BY THE CITY OF LOS ANGELES, TO PROVIDE FOR CONSTRUCTION OF THE SAN PEDRO FISHING PIER AND APPURTENANT FACILITIES, AND AUTHORIZE THE STAFF AND THE DEPARTMENT OF FISH AND GAME TO PROCEED WITH THE PROJECT SUBSTANTIALLY AS PLANNED. STAFF IS AUTHORIZED TO MAKE APPLICATION FOR REIMBURSEMENT FOR MATCHING FUNDS UNDER THE FEDERAL LAND AND WATER CONSERVATION FUND PROGRAM. THIS REIMBURSEMENT WILL BE DIVIDED EQUALLY BETWEEN THE WILDLIFE CONSERVATION BOARD AND THE CITY OF LOS ANGELES.

PASSED UNANIMOUSLY.

The Chairman requested that the minutes show he concurred with the action of the subcommittee.

Assemblyman Vincent Thomas expressed his desire to have this project go ahead as rapidly as possible to make this important recreational facility available soon for the half million expected users.

Mr. John Ljubenkof, of the Citizens Committee to Save Cabrillo Beach stated that they were not opposed to the fishing pier, but expressed the fear that the marina proposed by the Harbor Department in the area of the pier might make the pier unuseable because of disturbances and oil and gas spills.

Mr. Shannon stated that if these problems develop, the use of the area by boaters could be restricted. Senator Marler asked if the proposed marina was taken into consideration when selecting the site for the fishing pier. Mr. Frederickson advised that it was considered, as well as the quality and quantity of fish and pollution of water. On the map displayed, he indicated that this was the outer harbor and is flushed daily by tidal action and the waters would support fish population.

Mr. Charles Crawford, President of the San Pedro Chapter of the Izaak Walton League of America, testified that Ken Malloy, State President, IWLA, and he were the two people who first started this pier proposal about 5 years ago when they contacted Mr. Nesbit and Councilman Gibson to look over pier sites with them. He assured the Save the Cabrillo Beach people the Izaak Walton League will keep the waters clean and that the pier will furnish good fishing for many people.

Minutes of Meeting, Wildlife Conservation Board
July 20, 1968

Mr. Bob Vile, President of the Ocean Fish Protective Association, advised of his Association's full support of the pier proposal. He pointed out the unique feature of this pier which would harbor the resident rock fish on the breakwater side and different varieties on the other. In his testimony he mentioned the recreation potential of these piers, as well as the economic impact on the community, such as has happened at Hermosa Beach where redevelopment projects are proceeding in the area of the fishing pier.

Mr. Edward Rossez presented a letter from the Southern Council of Conservation Clubs urging support of this badly needed project.

5. South Laguna Fishing Pier, Orange County \$25,000.00

South Laguna in southern Orange County is the site for an ocean fishing pier as a joint project between the WCB and the County of Orange. The exact site is just south of where Aliso Creek empties into the ocean. In 1961 the WCB and the Orange County Harbor District built near this site an ocean access project consisting of a parking area, restroom and walkway to the beach. The pier would be placed adjacent to the existing project. The County has recently purchased 4.19 acres of land along the beach for \$607,000. This land will provide parking space for beach and pier use. Additional parking will be available at the existing Aliso Creek access project, with the County being authorized to charge a modest parking fee commensurate with other pier parking areas.

The Department of Fish and Game has made a fisheries evaluation of these waters at the proposed pier site. Their report states that the site appears very favorable for fishing for bonito, bass, halibut and several species of perch.

County officials believe this pier will be an outstanding project because of its strategic location along Highway 101.

Mr. Nesbit recommended the allocation of \$25,000 to be matched with a similar amount from Orange County for the feasibility study and preparation of plans. The usual procedure is that representatives from each agency form a selection committee to select a qualified design engineering firm. If the site proves feasible and plans are prepared, it is expected that full approval and fund allocation could take place early in 1969.

Mr. James Ballinger, Harbor Engineer for the Orange County Harbor District, who was called on to testify, verified that the Orange County Board of Supervisors concur with the recommendation of the WCB staff and has authorized implementation of the project and has budgeted funds therefor so that the project could proceed as soon as this proposal is approved by the Board. It was mentioned that the beach frontage purchased by the County has already been opened for use last week. This consists of approximately 3/4 mile of ocean frontage for use for surf fishing. Preliminary studies indicate there will be considerable use -- 400,000 user days annually -- for this beach and fishing pier. An arterial highway, the alignment of which was worked out in

Minutes of Meeting, Wildlife Conservation Board
July 20, 1968

the past few months, will bring inland people out to the project. In consideration of the fact that there are some 2 million people living within an hour's drive, Mr. Ballinger felt it would be a very popular fishing pier, not only during the summer, but also during the winter. This recreational facility would be a very nice addition for the total community and would certainly help out with the juvenile delinquency problem.

Mr. Shannon asked about the estimated construction cost of the pier and he was advised that an engineering firm has estimated it would be in the neighborhood of \$400,000. Since this proposal is to be on a 50-50 matching fund basis, Mr. Shannon inquired if the cost of the land purchase would be part of the matching funds, and Mr. Ballinger replied that the land cost would not be included.

IT WAS MOVED BY SENATOR MARLER, SECONDED BY ASSEMBLYMAN BELOTTI, THAT THE JOINT INTERIM COMMITTEE RECOMMEND THE WILDLIFE CONSERVATION BOARD APPROVE THE SOUTH LAGUNA FISHING PIER, ORANGE COUNTY; ALLOCATE \$25,000 FROM THE WILDLIFE RESTORATION FUND, ON THE CONDITION THAT THE SUM IS MATCHED BY THE COUNTY OF ORANGE, TO PROVIDE FOR THE DESIGN AND PLANS AND SPECIFICATIONS FOR THE PIER; AND THE STAFF AND THE DEPARTMENT OF FISH AND GAME IS AUTHORIZED TO PROCEED AS PLANNED.

PASSED UNANIMOUSLY.

(The Chairman concurred.)

6. Imperial Valley Warmwater Hatchery, Imperial County \$46,000.00

To comply with Assemblyman Veysey's request, the Chairman ordered that this item be considered at this time.

In April, 1962, the Los Angeles County Board of Supervisors passed a resolution asking the Commission to have the Department study the feasibility of a warmwater fish hatchery in their county. This resolution reflected the poor summer fishing in most southern California lakes. As with trout, the crops of wild warmwater fish that these lakes produce fall far short of the fishing demand. Unlike trout, however, it has not been feasible until recently to rear warmwater fish to a large size.

Following a thorough study of the situation in southern California and a nation-wide survey of similar problems elsewhere, it was concluded by the Department of Fish and Game that hatchery production of half-pound channel catfish is feasible and that fishing in warmwater lakes can be significantly improved by stocking such fish.

Search for a suitable hatchery site narrowed down to the Department's Imperial Waterfowl Management Area. Los Angeles County was ruled out because the water and environmental conditions did not equal those at the chosen site.

Minutes of Meeting, Wildlife Conservation Board
July 20, 1968

On January 26, 1965, the WCB approved in principle the warmwater fish hatchery at the Wister area site in the Imperial Waterfowl Management Area and allocated \$20,000 to build a test hatchery. It was planned that upon successful completion of the test, construction of an operational hatchery would be recommended.

The test hatchery consisting of two 1/3 acre ponds was constructed on the Imperial Waterfowl Management Area near Niland in 1965. Water was supplied from the Highline Canal by the Imperial Valley Irrigation District which also has agreed to supply water for the production hatchery. Tests were run during 1966 and 1967 and results have far exceeded expectations. The Department states that results clearly demonstrate the feasibility of a large production hatchery at this site.

On June 7, 1968, the Fish and Game Commission reviewed the proposal for the Department of Fish and Game to operate this hatchery, if constructed by WCB. The Commission approved the Department's proposal, but requested that prior to hatchery completion the Department formulate and submit to the Commission a policy on stocking of warmwater fish.

The production hatchery would consist of a water distribution system, a large acreage of fish ponds, and the usual service buildings and facilities. It would be designed and operated to take advantage of all possible labor-saving devices.

The hatchery would produce about 1/2 million catchable-size channel catfish annually (250,000 lbs.). These will be stocked throughout southern California waters in accordance with a stocking policy now being developed.

The Department of Fish and Game recommendation also notes that not only will they be able to produce these fish economically, but they will also have a facility where experimentation with other warmwater species may be carried out. Department fisheries personnel are hopeful that stocked catfish will not only produce catchable fish shortly after stocking, but that many will survive to grow to several pounds and spawn in some of the southern California waters.

The Office of Architecture and Construction has agreed to prepare preliminary plans for early review and working drawings by October 1, 1968, at an estimated cost of \$46,000. This will permit the project to be included in the 1969-70 State budget with funds coming from the 1964 Recreation Bond Act. The 1969-70 budget now being prepared is the last one which can authorize the use of the bond funds. All funds from this source must be spent or encumbered by July 1, 1970.

It was Mr. Nesbit's recommendation that \$46,000 be allocated from the Wildlife Restoration Fund for developing working drawings and specifications through the Office of Architecture and Construction.

It was his further recommendation that the WCB instruct staff to include as a budget item for 1969-70, at a total of approximately \$1.1 million, under the 1964 Bond Act Program for the construction of a warmwater fish hatchery

Minutes of Meeting, Wildlife Conservation Board
July 20, 1968

at the Imperial Valley Waterfowl Management Area, Imperial County. This would commit all of the remaining Bond moneys.

There is no exact figure for the hatchery construction, but it is in the neighborhood of \$1,007,000. Mr. Nesbit elaborated that this project scope can be adjusted simply by adding or subtracting the number of ponds to be constructed for the project.

Assemblyman Victor Veysey thanked the Board for adjusting the agenda to fit his time schedule and also thanked the staff of the Board and the Department of Fish and Game for the excellent work done on this proposal. He advocated the construction of this warmwater hatchery, the appropriation of \$46,000 for completion of the plans and drawings for the project, and then the inclusion in the budget for the next fiscal year funds for construction. He paid tribute to retired State Senator Aaron W. Quick, who, he stated, was a forceful advocate of this project a number of years ago. Imperial County is always proud of its crops, Assemblyman Veysey stated, and although catfish is an entirely different type of crop, he felt that the experimental production of fish there was a great achievement, of which the County can also be proud. The people are in support of this hatchery, and it would result in great benefits to sportsmen in all warmwater areas of the State. He felt the possibility of going into production of bass or other warmwater species held great promise. He expressed his desire to see action taken today to get this project going.

Former State Senator Aaron W. Quick added that the benefits from this hatchery will not only be for Imperial County but also for all warmwater lakes. The State is building reservoirs and this would enhance fishing in many southern California lakes. He was happy that a thorough study had been made, and that the staff can now recommend favorable Board action today.

Senator Marler asked what effect, if any, its construction would have on the Imperial Waterfowl Management Area, since the hatchery is to be located there. It was brought out that the actual grounds is presently waste land, so that there may be an enhancement of the waterfowl area because of the drainage water flowing out of the ponds.

The following people were recognized and heard -- all favoring or supporting the proposal to construct a warmwater fish hatchery in Imperial County:

Sam Weisenberg, representing the San Diego County Sportsmen's Council
Edward Rossez, representing the Southern Council of Conservation Clubs
M. W. Doornbos, representing the California Wildlife Federation
Leonard Hummel, representing the Inland Council of Conservation Clubs
Henry L. Chester, representing the Ocean Fish Protective Association
Dale Pike, representing the Imperial County Board of Supervisors
and the Recreation Department
State Division of the Izaak Walton League of America

Minutes of Meeting, Wildlife Conservation Board
July 20, 1968

Mr. Nesbit noted the following communications were received by staff in support of the proposal:

Hollywood Rod & Gun Club, Inc.
Bernard Galleano
Los Angeles County Fish & Game Commission
Niland Fireman's Association
Greater Brawley Chamber of Commerce
El Centro Chamber of Commerce
Southern Council of Conservation Clubs, Inc.

IT WAS MOVED BY SENATOR MARLER, SECONDED BY ASSEMBLYMAN BELOTTI, THAT THE JOINT INTERIM COMMITTEE RECOMMEND THE WILDLIFE CONSERVATION BOARD APPROVE THE IMPERIAL VALLEY WARMWATER HATCHERY, IMPERIAL COUNTY; AND ALLOCATE \$46,000 FROM THE WILDLIFE RESTORATION FUND FOR DEVELOPING WORKING DRAWINGS AND SPECIFICATIONS THEREFOR THROUGH THE OFFICE OF ARCHITECTURE AND CONSTRUCTION. THE WCB STAFF IS INSTRUCTED TO INCLUDE IN THE 1969-70 BUDGET BILL UNDER THE STATE BEACH, PARK, RECREATIONAL AND HISTORICAL FACILITIES BOND ACT PROGRAM THE IMPERIAL VALLEY WARMWATER HATCHERY CONSTRUCTION, INCLUDING PROJECT ASSISTANCE THEREFOR; AND AUTHORIZE THE STAFF AND THE DEPARTMENT OF FISH AND GAME TO PROCEED WITH THE PROJECT SUBSTANTIALLY AS PLANNED UPON FINAL APPROVAL OF THE BUDGET BILL.

PASSED UNANIMOUSLY.

(The Chairman concurred.)

Mr. Bob Macklin, Supervisor of hatcheries for the Department of Fish and Game, who has played an important role in this and other hatcheries of the State was recognized, as was Mr. Bill Richardson, Fisheries Management Supervisor for the Department's Southern California district.

7. Bridgeport Reservoir Fishing Access, Mono County
Change of Project Location

This project was first proposed by Mono County in 1963, and on July 17, 1964, the Board allocated \$69,500 for the development of a fishing and hunting access site on the west side of the reservoir.

The reservoir, which is located just north of Bridgeport, is an impoundment of the Walker River Irrigation District and is unusually productive for trout. The site was selected on Bureau of Land Management land on the west side so as to provide access not only for fishing, but for hunting on public lands northerly of the reservoir.

The County of Mono agreed to acquire the necessary B.L.M., U.S. Forest Service, and private lands required. This has been done on the public lands involved, but lengthy negotiations for purchase of the two parcels of private lands have been unsuccessful. The County does not recommend acquisition by condemnation until all possible alternatives have been studied. They feel that to pursue such an action in the courts would not be justified.

Minutes of Meeting, Wildlife Conservation Board
July 20, 1968

A fine alternate to the original site has now been selected. It is also on B.L.M. land but is located on the east side of the reservoir adjacent to a paved highway. This site has some distinct advantages over the original location, one of them being much easier access from established, all-weather roads. The need for hunter access which the previous site was intended to provide, has now been met by a Forest Service road recently constructed into the Mt. Jackson area.

The County has estimated that this site, which is directly across the reservoir from the original location, could be developed for substantially less cost than the first site. The location, being adjacent to a main highway, would attract heavier use than was initially anticipated. It was felt that this would justify a higher use type of development. This would include running in a power line and paving the access road and parking area, improvements which were not included in the original allocation. The cost savings would come from the elimination of approximately 2 miles of access road. As before, the County would provide the State with a long term sub-lease of the lands leased from B.L.M.

Staff has reviewed the preliminary plans submitted by the County and evaluated this proposal with the original project. We believe all the benefits shown to be provided by the first site are even more abundantly present here, and agree that there is a very good possibility of a cost savings as an extra benefit. Any unused funds from the original allocation, of course, would be returned to the Board. The Department of Fish and Game has also reviewed and approved the plans.

Mr. Nesbit recommended the Board approve the change in scope of this development, and that the staff and the Department of Fish and Game be authorized to proceed with the project at this new location substantially as originally planned, but with power service and paving added.

Mr. Rossez, Southern Council of Conservation Clubs, added the Council's recommendation of the proposal which would put the project on Federal lands and which would save the State money.

IT WAS MOVED BY ASSEMBLYMAN BELOTTI, SECONDED BY SENATOR MARLER, THAT THE JOINT INTERIM COMMITTEE RECOMMEND THE WILDLIFE CONSERVATION BOARD APPROVE THE CHANGE IN SCOPE OF THE DEVELOPMENT FOR BRIDGEPORT RESERVOIR FISHING ACCESS, MONO COUNTY; AND THAT THE STAFF AND THE DEPARTMENT OF FISH AND GAME BE AUTHORIZED TO PROCEED WITH THE PROJECT AT THE NEW LOCATION SUBSTANTIALLY AS PLANNED.

PASSED UNANIMOUSLY.

(The Chairman concurred.)

Mr. Nesbit noted that Assemblyman Gene Chappie wrote in support of the project as proposed and that Senator Way's office had been in touch with the staff to support this proposal.

Minutes of Meeting, Wildlife Conservation Board
July 20, 1968

8. Mouth of Mad River Fishing Access, Humboldt County \$60,180.00

At the request of representatives from Humboldt County to consider this agenda item early in the meeting, the Chairman ordered that the Board hear the Mouth of Mad River Fishing Access proposal at this time.

Mr. Nesbit advised that Humboldt County and the Arcata Area Chamber of Commerce have proposed a fishing access project on the Mad River, located on the left bank about 3/4 of a mile from the mouth of the river. A 40-acre site being purchased by the County will be dedicated to public use for general recreation purposes. There is an excellent location on the site for a boat launching ramp and adequate space for the construction of a parking lot.

Good access is available to the site over existing all-weather paved roads. It is about 3 miles to the west of U.S. Highway 101, and about 6 miles northerly of Arcata. It is less than a half-hour drive from most of the approximately 40,000 population of the Eureka-Arcata metropolitan area.

The Department of Fish and Game was requested to evaluate the proposal from a fisheries standpoint and reported on it as follows:

"A fishing access project near the mouth of the Mad River would greatly increase angling opportunities in the Mad River estuary. The estuary is quite extensive and could easily handle much more use by boat anglers.

"At present, boat angling is limited to a few persons who are willing to manhandle a small boat in and out of the river over the riprap. A few other people are able to arrange with local land-owners for moorage of their boats for more or less extended periods.

"Planting of hatchery-reared silver salmon in recent years has greatly increased the angling effort in the lower Mad. The new hatchery and possible improvement in stream conditions by construction of the Butler Valley Dam could result in the Mad River becoming one of the outstanding salmon and steelhead fishing streams on the Coast. The best of this fishing would take place in the estuary.

"We recommend approval of this access project."

The County is proceeding on the acquisition of the land. The Board of Supervisors has by resolution agreed to provide a free 20-year lease of the necessary lands to the State, if it is approved as a WCB project. The resolution also commits the County to accepting the operation and maintenance responsibilities for the project and to keep it open and free to the public for the term of the lease.

The County Public Works Department has furnished a cost estimate based on the preliminary planning they have done for the proposed developments.

Minutes of Meeting, Wildlife Conservation Board
July 20, 1968

If approved, the County Engineer will prepare final plans and specifications and staff will prepare a standard agreement with the County for the construction of the facility as proposed. The County engineer will also provide the necessary inspection and supervision over the project during construction.

The project features and estimated costs are as follows:

Site clearing and grading	\$4,000
Access road and 3-acre paved parking area	17,000
Concrete ramp - 2 lane	20,000
Restroom and water supply facilities	13,000
Contingencies	5,000
Subtotal	<u>59,000</u>

Land and Water Conservation Fund

Overhead Assessment, 2%	1,180
TOTAL	<u>\$60,180</u>

The Board staff has inspected the site and concurs that improvements are needed to provide adequate boat access to this excellent fishing spot. It was Mr. Nesbit's recommendation that the Board approve the project, that \$60,180 be allocated for the development, and that staff and the Department be authorized to carry out the project substantially as planned. It was his further recommendation that staff be authorized to make application for 50% matching fund reimbursement under the Federal Land and Water Conservation Fund Program.

IT WAS MOVED BY ASSEMBLYMAN BELOTTI, SECONDED BY SENATOR MARLER, THAT THE JOINT INTERIM COMMITTEE RECOMMEND THE WILDLIFE CONSERVATION BOARD APPROVE THE MOUTH OF MAD RIVER FISHING ACCESS, HUMBOLDT COUNTY; ALLOCATE \$60,180.00 FOR ITS DEVELOPMENT; AND AUTHORIZE THE STAFF AND THE DEPARTMENT OF FISH AND GAME TO PROCEED WITH THE PROJECT SUBSTANTIALLY AS PLANNED. STAFF IS AUTHORIZED TO MAKE APPLICATION FOR REIMBURSEMENT FOR MATCHING FUNDS UNDER THE FEDERAL LAND AND WATER CONSERVATION FUND PROGRAM.

PASSED UNANIMOUSLY.

The Chairman asked that the minutes show his concurrence.

Supervisor Guy Rusher of Humboldt County expressed his appreciation on behalf of the County for the Board's consideration of this project which was developed with considerable thought, taking into account the other developments in the area affecting the lower Mad River. He introduced Supervisor Mel Bareilles and Dick Titera from the Humboldt County Department of Public Works who were also in attendance.

Mr. Myron Doornbos related that he has received no specific instructions from the California Wildlife Federation on this proposal, but that the proposal falls within the scope and intent of the organization and therefore the California Wildlife Federation supports the project.

Minutes of Meeting, Wildlife Conservation Board
July 20, 1968

9. Lake Cuyamaca Public Fishing Area, San Diego County \$26,000.00

The Lake Cuyamaca project was dedicated on May 17, 1968, and opened to public use the following day. The WCB allocated \$193,500 for this project which consisted of the establishment of a 110 acre lake in the old Cuyamaca lake bed. Construction items consisted of a dam or levee across the lake bed, pumping plant, parking, restrooms, loading dock, roads, etc. The additional work necessary relates to the dam and pumping facility. The new lake has already received heavy usage and fishing has been excellent. The Lake Cuyamaca Recreation and Park District operates the lake and provides all maintenance and operation costs. Although construction is sufficiently complete to permit public use, there remain several capital construction items which are required by the State Division of Safety of Dams of the Department of Water Resources or are necessary to satisfactorily complete the job. The upstream face of the levee received some erosion damage which was not anticipated and a permanent log boom to protect the levee from further damage is necessary. Operation of the pumping plant which pumps water into the lake revealed that a small pump was essential to provide for the low water conditions.

A cost breakdown of the work necessary to complete the project to acceptable standards is as follows:

- | | |
|---------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 1. Shape levee on upstream side to approximate original section | \$6,000 |
| 2. Excavate new ditch approximately 500 feet long from pump entrance structure to a point 400 feet easterly of the center of the dam. | 1,000 |
| 3. Furnish and install new propeller pump with capacity of 2,000 g.p.m., complete with starter, etc. | 3,000 |
| 4. Clean out available drain tile. | 500 |
| 5. Disc, fertilize and plant upstream face with grass and native weeds. | 7,500 |
| 6. Furnish and install two log booms upstream from dam. | <u>8,000</u> |
| | TOTAL \$26,000 |

Assemblyman Pete Wilson and Assemblyman E. Richard Barnes have indicated by letter their support of this proposal. Mr. Nesbit recommended that \$26,000 be allocated to complete this project so it can be economically operated and so it will be completely acceptable to the Department of Water Resources Division of Safety of Dams. Mr. Harvey Chambers, Chairman of the Lake Cuyamaca Recreation and Park District, was requested to provide a report of the project.

Snapshots of the lake area and the catch from the lake were distributed by Mr. Chambers who indicated greater use is being made of the lake than is indicated by the pictures. He mentioned that the trout program is strictly put and take and self-supporting, and that they are interested in warmwater fish plantings.

Minutes of Meeting, Wildlife Conservation Board
July 20, 1968

Assemblyman Belotti asked about the charges at the lake and Mr. Chambers advised that the District charges for a fishing permit of \$1.50 which is in line with similar facilities of the City and County of San Diego.

Mr. Sam Weisenberg of the San Diego County Wildlife Federation advised they had supported the original proposal and urged the improvements be provided to complete the project.

IT WAS MOVED BY SENATOR MARLER, SECONDED BY ASSEMBLYMAN BELOTTI, THAT THE JOINT INTERIM COMMITTEE RECOMMEND THE WILDLIFE CONSERVATION BOARD ALLOCATE \$26,000 TO COMPLETE THE LAKE CUYAMACA PUBLIC FISHING AREA PROJECT, SAN DIEGO COUNTY, TO ACCEPTABLE STANDARDS, AND THE STAFF AND THE DEPARTMENT IS AUTHORIZED TO PROCEED SUBSTANTIALLY AS PLANNED.

PASSED UNANIMOUSLY.

(Mr. Shannon concurred.)

10. San Simeon Fishing Pier, San Luis Obispo County \$10,000.00

At the August 25, 1966, meeting, the Board approved this \$120,000 pier project and allocated \$60,000 to be matched with a like amount provided by San Luis Obispo County. The project consists of an extension of an existing small pier which terminates in water too shallow to provide good fishing. A 300' pier extension was found to be adequate to provide good fishing.

There were 9 bidders with the low bid being \$125,962 for the basic project. Certain additional costs, such as the construction inspection and change-order when justified, must be provided for in addition to the actual bid price.

To make certain the project can be completed, the County has put up an additional \$10,000 and asked that WCB do likewise to provide for the acceptance of the low bid, inspection service, and other contingencies. Unused funds would be recovered by the respective agencies.

The bid has been awarded and materials are now being placed on the job site. It is expected the pier and appurtenant facilities will be completed and opened to the public by October 1968.

It was Mr. Nesbit's recommendation that the Board allocate \$10,000 to complete the San Simeon Pier and that any unused funds provided by the WCB be returned to the Wildlife Restoration Fund.

Supervisor Elston Kidwell was asked to comment on this proposal, but he stated the item and the circumstances surrounding this additional request was covered very well by the Executive Officer and therefore merely urged the approval of the additional funding.

IT WAS MOVED BY ASSEMBLYMAN BELOTTI, SECONDED BY SENATOR MARLER, THAT THE JOINT INTERIM COMMITTEE RECOMMEND THE WILDLIFE CONSERVATION BOARD ALLOCATE AN ADDITIONAL \$10,000 TO MATCH THE AMOUNT APPROPRIATED BY SAN LUIS OBISPO COUNTY, FOR COMPLETION OF THE SAN SIMEON FISHING PIER, SAN LUIS OBISPO COUNTY, AND THE STAFF AND THE DEPARTMENT OF FISH AND GAME IS AUTHORIZED TO PROCEED SUBSTANTIALLY AS PLANNED.

PASSED UNANIMOUSLY.

(The Chairman concurred.)

11. Big Sage Reservoir Fishing Access, Modoc County \$6,600.00

This project was authorized at the June 8, 1961, meeting of the Board and opened to the public in 1963. In the intervening years, the project has received considerable usage from fishermen and waterfowl hunters.

The original project consisted of a boat launching ramp surfaced with crushed rock and a cindered parking area. To this development the U.S. Forest Service added a campground and sanitary facilities.

The County of Modoc has requested WCB funds to pave the existing ramp. Over the years, the ramp has softened somewhat, with the result that persons launching larger trailer-borne boats are experiencing some difficulty.

Along with many other counties, Modoc County has also been the recipient of the recreational boating boom, and, consequently, boat use of Big Sage by hunters and fishermen is on the increase. The project would continue to be maintained open and free to the public by the County of Modoc.

Plans and a cost estimate have been developed by the County of Modoc and reviewed by staff and the Department of Fish and Game Engineering Section. They are as follows:

Grading, base rock, and riprap	\$1,600.00
Concrete and installation	4,350.00
	5,950.00
Contingencies	650.00
TOTAL	\$6,600.00

Mr. Nesbit recommended the upgrading of this project, that \$6,600 be allocated for development, and that staff and the Department be authorized to proceed substantially as planned.

IT WAS MOVED BY SENATOR MARLER, SECONDED BY ASSEMBLYMAN BELOTTI, THAT THE JOINT INTERIM COMMITTEE RECOMMEND THE WILDLIFE CONSERVATION BOARD APPROVE UPGRADING THE BIG SAGE RESERVOIR FISHING ACCESS PROJECT, MODOC COUNTY; THAT \$6,600 BE ALLOCATED FOR RAMP CONSTRUCTION; AND THAT STAFF AND THE DEPARTMENT BE AUTHORIZED TO PROCEED SUBSTANTIALLY AS PLANNED.

PASSED UNANIMOUSLY.

(Mr. Shannon concurred.)

Minutes of Meeting, Wildlife Conservation Board
July 20, 1968

12. Mt. Shasta Hatchery Water Supply, Siskiyou County \$9,800.00

Mr. Nesbit reported that a request was made by the Department of Fish and Game for an allocation to explore the possibility of developing a supplementary well water supply for the Mt. Shasta Hatchery. If the initial well, which is referred to as a trail or test well, is successful, funds for converting this well to a production well and drilling and equipping one or more additional wells would be requested at a later date. The well water would be mixed with the present surface water supply during the winter months to raise the water temperatures. This in turn would permit a more economical trout rearing operation. Mt. Shasta Hatchery has been in continuous operation since 1888. During 1950, it was rebuilt and modernized by the WCB for the production of catchable-sized trout. During 1955, the WCB provided modern broodstock ponds and spawning house. Total WCB allocation to date has been \$312,456.

The Director of the Department of Fish and Game explained the proposal and provided the estimated cost in a letter dated June 3, 1968, as follows:

"The hatchery produces up to 12,000,000 trout eggs, 4 million fingerlings, and 450,000 catchable-sized trout annually. It is supplied with approximately 10 cfs of spring water with a seasonal temperature range of 38° to 56° F. During about 6 months of the year water temperatures are too low for economical incubation of trout eggs and growth of fish. A supplemental supply of 6 to 10 cfs of water ranging between 52° and 62° F. during the cold weather period would increase the pounds of fish produced in any one growing season by as much as 25% without increasing labor costs. The present average of 145,000 pounds of fish produced annually could be increased to about 180,000 pounds. This would also make it possible to produce a fingerling rainbow from spawning of the eggs to a planting size of 15 per ounce in about 4½ months instead of 6 to 7 months. It would also allow these small fish to reach a larger size for planting earlier in the spring when the food supply in lakes, streams, and reservoirs is the most abundant. This, in turn, will produce the fastest natural growth and provide for greater survival and an increased return to the angler's creel.

"The hatchery is located in the basin at the foot of the west slope of Mt. Shasta. We believe there is a large amount of untapped groundwater in this area. There are no deep wells in this area because there is ample surface water for the limited amount of irrigation in the valley. However, in Shasta Valley, about 20 miles north, there are many irrigation wells which are from 200 to 300 feet deep and produce large quantities of 55° to 60° F. water. There are several large springs west of Mt. Shasta which are apparently fed by the mountain. Also about one-half mile east of the hatchery is a deep-seated spring with an estimated flow of 10 cfs of 52° F. water.

"We believe that a deep well on the Mt. Shasta Hatchery grounds would provide a supply of warmer water. Department of Water Resources geologists have told us that the only way to find out is to drill a well. Therefore, we propose drilling a 12-inch diameter well not to exceed 400 feet deep

Minutes of Meeting, Wildlife Conservation Board
July 20, 1968

"to explore the possibility of securing warmer water for the hatchery. It would serve as a test well and still be large enough to provide part of the hatchery requirements (for well water).

"The Department of Fish and Game Engineering Section has estimated the cost of the project as follows:

12-inch well drilled and tested	
Move in and move out	\$ 200
400 feet drilled and cased @ \$18	7,200
Test pumping 72 hours	1,440
Contingency	960
TOTAL	\$9,800"

If the test well proves to be successful, a development project will be proposed to the WCB at a later date. This project would involve converting the test well into a production well and the drilling and equipping one or more additional wells to provide sufficient warmwater to carry out the project as described.

Mr. Nesbit recommended that \$9,800 be allocated for the test well and pumping as described, and that any funds remaining apply toward the second phase of this program -- the providing of production wells. He noted there has been support of this proposal by the Shasta-Cascade Wonderland Association.

Mr. Shannon commented that this is one of the larger hatcheries and one of the most important facilities because of the broodstock nurtured there.

Mr. Myron Doornbos supported this proposal, stating that this is within the scope and policy of the California Wildlife Federation to see such projects explored.

IT WAS MOVED BY SENATOR MARLER, SECONDED BY ASSEMBLYMAN BELOTTI, THAT THE JOINT INTERIM COMMITTEE RECOMMEND THE WILDLIFE CONSERVATION BOARD APPROVE THE DEVELOPMENT OF A SUPPLEMENTARY WATER SUPPLY FOR THE MT. SHASTA HATCHERY, SISKIYOU COUNTY; ALLOCATE \$9,800 FOR THE TEST WELL AND PUMPING AS OUTLINED; AND AUTHORIZE THE STAFF AND THE DEPARTMENT OF FISH AND GAME TO PROCEED WITH THE PROJECT SUBSTANTIALLY AS PLANNED.

PASSED UNANIMOUSLY.

(The Chairman concurred.)

13. Martinez Fishing Pier, Contra Costa County \$30,000.00

The City of Martinez has proposed the Wildlife Conservation Board join with them in a project to convert the abandoned ferry into a public fishing pier. The proposal would comply with the matching fund policy of the WCB with each

Minutes of Meeting, Wildlife Conservation Board
July 20, 1968

agency putting up one-half the cost. Staff has met with city officials on various occasions to study and develop this proposal.

The old ferry pier was a part of the Martinez-Benicia ferry system which was abandoned in 1962 when the new bridge crossing was constructed between these two cities. This pier is owned by the City and is already used for fishing but is unsafe and must be either converted or removed. The pier is located in the central city area of Martinez within easy walking distance of large populations and is expected to receive heavy use. The project is regional in scope since there is little pier fishing available in the vicinity.

This pier provides striped bass fishing with some flounders and sturgeon also being caught. It is not expected that fishing will be excellent but there is sufficient catch to justify saving it for a fishing pier. If the City can provide some dredging along the harbor side of the pier, fishing should be increased. The local fish and game warden notes that there presently is considerable fishing use of the pier, especially by children.

The pier will be open and free to the public with the City of Martinez providing the operation and maintenance. Parking will be provided by the City at the base of the pier. Concessions compatible to a public fishing pier are being considered by the City. The City will provide the WCB with a 20 year free lease on the property to satisfy the necessary State proprietary interest.

Plans and specifications for this remodeled project have been prepared by the City of Martinez and reviewed by staff. They consist principally of replacement of the unsound piling, pile caps, stringers and decking on the existing pier and of converting the existing ferry slips into a platform for fishermen. The City plans to do most of the repairs and remodel work on a time and material basis with the contract procedure being used where applicable. Inspection will be carried on jointly by both the State and the City.

The Executive Officer introduced Mr. Cal Monson, City Manager, and Barry Whittaker, City Engineer for the City of Martinez. Mr. Monson related that the City owns 300 acres of waterfront land around the pier. A marina is now in operation and this proposed pier is adjacent to the marina. Plans for the pier conversion have been prepared by the Public Works Department and would consist of making the pier safe and enlarging the fishing area of the pier by constructing walkways along the old ferry slip. It is estimated that the total cost would be approximately \$60,000, and Mr. Monson related the City would like to do as much as they feel they can for this amount to make the pier useable by the public. Although there is a pier in Antioch, the Martinez pier would be the closest fishing pier for over 200,000 people in Contra Costa County. He also reported that bass fishing historically has been very good.

IT WAS MOVED BY ASSEMBLYMAN BELOTTI, SECONDED BY SENATOR MARLER, THAT THE JOINT INTERIM COMMITTEE RECOMMEND THE WILDLIFE CONSERVATION BOARD APPROVE THE MARTINEZ FISHING PIER, CONTRA COSTA COUNTY; ALLOCATE \$30,000 FROM THE WILDLIFE RESTORATION FUND, WHICH SUM IS TO BE MATCHED BY THE CITY OF MARTINEZ, TO PROVIDE FOR CONSTRUCTION

OF A PIER AND APPURTENANT FACILITIES; AND AUTHORIZE THE STAFF
AND THE DEPARTMENT TO PROCEED WITH THE PROJECT SUBSTANTIALLY
AS PLANNED.

PASSED UNANIMOUSLY.)

(The Chairman concurred.)

14. Fillmore Trout Hatchery Modernization, Ventura County - Status Report

At the February 21, 1968, meeting a status report was given on the progress of construction at Fillmore and reference was made to problems encountered during the construction. The problems were largely associated with high ground water conditions in and around the construction site.

The designers did not fully recognize the potential difficulties such conditions could present, difficulties both in construction and ultimately in operation. Inadequate measures by the contractor to control the water during construction also contributed to these problems.

The water problem has made some change orders necessary and has caused a considerable delay in the completion of the work. As of June 25, 1968, however, the project was completed by the contractor to the best of his financial ability. The Department of Fish and Game is presently preparing to put it into production once again and the ponds should be stocked by August 1, 1968. Staff on behalf of the Board and the Department have accepted the project with reservations.

Mr. Nesbit presented the foregoing report, indicating that no action by the Board was necessary relative to this project. Since there was much interest in this project by members, a status report was felt desirable.

15. Bond Act Project - Status Report

No action was called for in this agenda item, but is recorded here for informational purpose.

The State Beach, Park, Recreational and Historical Facilities Bond Act of 1964 provided \$5 million to the WCB for a very special program to (1) upgrade the fish hatchery system, (2) to buy certain large wildlife areas, and (3) to provide artificial reefs around piers to enhance ocean fishing.

The amounts expended or budgeted for this program are as follows:

- | | |
|------------------------------------------------------------|------------|
| (1) Artificial reefs to improve sport fishing in the ocean | |
| Program completed | \$ 161,000 |
| (2) Purchase of wildlife lands | |
| Program completed or committed | 1,133,000 |

Minutes of Meeting, Wildlife Conservation Board
July 20, 1968

- (3) Fish Hatcheries - Program committed, construction on schedule. Two trout hatcheries completed - (American River) (San Joaquin) 1,142,000
- Two trout hatcheries under construction - (Fillmore) (Mad River) 1,996,000
- *One warmwater fish hatchery - test completed, being designed 521,000
- (4) Project assistance (includes pre-design funds)
Committed 47,000
- TOTAL \$5,000,000

*This hatchery is estimated to cost 1.1 million dollars. In addition to this \$521,000 which has never been allocated from the bond funds, there are recoveries expected from other completed bond projects which are presently estimated at \$193,000. One bond project, the Mojave River Wildlife Area, has been approved under the Federal Land and Water Conservation program, so a reimbursement of \$389,130 will be forthcoming soon. The unallocated funds, the recoveries and the federal reimbursements will total approximately \$1.1 million, sufficient to build this hatchery.

Mr. Nesbit noted that with the authorization to include construction funds for the Imperial Valley Warmwater Hatchery in the 1969-70 budget, all bond funds would be committed.

16. Glenn-Colusa Fish Screen - Plans, Glenn County \$60,000.00

The Department of Fish and Game has proposed preparation of plans for screening the Glenn-Colusa irrigation diversion on the Sacramento River near Hamilton City. A maximum of 2,700 c.f.s. of water can be pumped from the Sacramento River at this diversion.

The diversion normally is operated from March through October, diverting from 10% during a wet year to 18% during a dry year, of the total Sacramento River flow passing the headworks.

The Sacramento River and its tributaries have three distinct runs of king salmon. By far the largest numbers, about 220,000 adults, are contained in the fall run, with about 80,000 in the winter and spring runs. The total average spawning escapement into the Upper Sacramento River above the diversion from these runs totals an estimated 400,000 king salmon.

In addition to the present runs, two salmon spawning channels are being constructed by the U.S. Government near Red Bluff in conjunction with the Tehama-Colusa Canal project. Located upstream from the Glenn-Colusa diversion, the channels are designed for 40,000 adult king salmon.

Minutes of Meeting, Wildlife Conservation Board
July 20, 1968

Since juvenile downstream king salmon are passive migrants, it is reasonable to assume their losses would be in direct proportion to percentage of water diverted. During an average year about 120 million downstream juvenile migrant salmon could be expected to pass the irrigation diversion, generally in the spring and early fall. With 10 to 18 percent of the river flow diverted, in excess of 10 million young salmon and 230,000 young steelhead could be saved each year by a screen in this diversion.

Losses also occur to steelhead and other game species. A netting study in the canal in 1965 captured 18 different species of fish.

Funds to construct the screen would be considered at a later date. Probably matching funds from the Anadromous Fish Bill would be requested. The total screen is not yet estimated, but total cost may run up to 1 million dollars.

The State Office of Architecture and Construction has submitted a cost estimate that has been reviewed by staff. Cost is as follows:

Site investigation and soil exploration)	
Preliminary plans) \$60,000
Working drawings)

Mr. Nesbit recommended that \$60,000 be allocated for the screen design and that staff and the Department be authorized to proceed substantially as planned.

There was discussion on the trucking of migrants downstream, in which experiment it was found there would be a considerable saving of young fish. It was mentioned that trucking of migrants caught in the fish trap at the Glenn-Colusa Fish Screen could be done.

In answer to Senator Marler's question as to the percentage of loss between the time the fish are spawned and the time they go to the ocean, Mr. Jack Robinson of the Department of Fish and Game advised there would be a 98% loss. Of the 10,000,000 young salmon saved, it was expected that one-half of 1% come back as adults. Assemblyman Belotti understood that in the Klamath River the return was 1/10 of 1% and asked if greater returns can be expected because of new knowledge and different methods of handling fish. Mr. Robinson assured him there is a change.

IT WAS MOVED BY SENATOR MARLER, SECONDED BY ASSEMBLYMAN BELOTTI, THAT THE JOINT INTERIM COMMITTEE RECOMMEND THE WILDLIFE CONSERVATION BOARD APPROVE THE GLENN-COLUSA FISH SCREEN, GLENN COUNTY; ALLOCATE \$60,000 FROM THE WILDLIFE RESTORATION FUND FOR DEVELOPING PRELIMINARY PLANS AND WORKING DRAWINGS FOR ITS CONSTRUCTION THROUGH THE OFFICE OF ARCHITECTURE AND CONSTRUCTION; AND AUTHORIZE STAFF AND THE DEPARTMENT OF FISH AND GAME TO PROCEED SUBSTANTIALLY AS PLANNED. STAFF IS INSTRUCTED TO MAKE APPLICATION FOR FEDERAL MATCHING FUNDS UNDER THE ANADROMOUS FISH ACT (P.L. 89-304).

PASSED UNANIMOUSLY.

(The Chairman concurred.)

Minutes of Meeting, Wildlife Conservation Board
July 20, 1968

17. Other Business

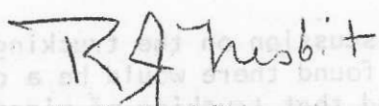
a. Report of Preliminary Study on Two Proposals

Mr. Nesbit related that the Board at a previous meeting requested a study and report on two proposals -- a possible access to Humboldt Bay and another one at Noyo Harbor. A field trip to the Eureka area to look over suggested sites on Humboldt Bay disclosed that the sites were not feasible and not acceptable either to the people proposing them or to the Board staff. He indicated the staff is still interested in securing access to the Bay and that study in that regard will continue.

There is a good site at Noyo Harbor and there is a definite need for fishing access. There is some private land involved and the staff is presently doing some negotiations. An appointment has been made to meet with some people the following week in regard to this proposal.

Since the gentleman who had requested time on the agenda to discuss raising bass and frogs was not now present and there was no further business to bring before the Board, the meeting was adjourned at 4:05 p.m.

Respectfully submitted,


R. J. Nesbit
Executive Officer

State of California
The Resources Agency
Department of Fish and Game
WILDLIFE CONSERVATION BOARD

Minutes, Meeting of July 25, 1968

Pursuant to the call of the Chairman, the Wildlife Conservation Board met in Room 1173 of the State Capitol, Sacramento, California, on July 25, 1968. The meeting was called to order by acting Chairman Walter T. Shannon.

1. Roll Call

PRESENT: W. T. Shannon Acting Chairman
Charles E. Dixon Member
Senator Fred W. Marler, Jr. Joint Interim Committee
Senator Lewis F. Sherman " " "
Assemblyman Frank P. Belotti " " "

Raymond J. Nesbit Executive Officer
Alma Koyasako Secretary

ABSENT: William P. Elser Chairman

Mr. Shannon reviewed that at the July 20, 1968, meeting in San Pedro, Mr. Elser was absent because of illness and the designate for the Director of Finance was absent because of pressing legislative duties in Sacramento. Inasmuch as a quorum was not available, the recommendations made by the legislative members were taken under advisement with action to be taken by the Wildlife Conservation Board at a later date.

Today's public meeting of the Board was called to take action on the various agenda items of the July 20, 1968, meeting.

2. Approval of Minutes

IT WAS REGULARLY MOVED AND SECONDED THAT THE WILDLIFE CONSERVATION BOARD APPROVE THE MINUTES OF THE FEBRUARY 21, 1968, MEETING OF THE BOARD.

PASSED UNANIMOUSLY.

3. San Pedro Fishing Pier, Los Angeles County \$400,000.00

IT WAS REGULARLY MOVED AND SECONDED THAT THE WILDLIFE CONSERVATION BOARD ALLOCATE \$400,000 FROM THE WILDLIFE RESTORATION FUND, WHICH SUM IS TO BE MATCHED BY THE CITY OF LOS ANGELES, TO PROVIDE FOR CONSTRUCTION OF THE SAN PEDRO FISHING PIER AND APPURTENANT FACILITIES, AND AUTHORIZE THE STAFF AND THE DEPARTMENT OF FISH AND GAME TO PROCEED WITH THE PROJECT SUBSTANTIALLY AS PLANNED.

Minutes of Meeting, Wildlife Conservation Board
July 25, 1968

STAFF IS AUTHORIZED TO MAKE APPLICATION FOR REIMBURSEMENT FOR MATCHING FUNDS UNDER THE FEDERAL LAND AND WATER CONSERVATION FUND PROGRAM. THIS REIMBURSEMENT WILL BE DIVIDED EQUALLY BETWEEN THE WILDLIFE CONSERVATION BOARD AND THE CITY OF LOS ANGELES.

PASSED UNANIMOUSLY.

4. South Laguna Fishing Pier, Orange County \$25,000.00

IT WAS REGULARLY MOVED AND SECONDED THAT THE WILDLIFE CONSERVATION BOARD APPROVE THE SOUTH LAGUNA FISHING PIER, ORANGE COUNTY; ALLOCATE \$25,000 FROM THE WILDLIFE RESTORATION FUND ON THE CONDITION THAT THE SUM IS MATCHED BY THE COUNTY OF ORANGE TO PROVIDE FOR THE DESIGN AND PLANS AND SPECIFICATIONS FOR THE PIER; AND THE STAFF AND THE DEPARTMENT OF FISH AND GAME IS AUTHORIZED TO PROCEED AS PLANNED.

PASSED UNANIMOUSLY.

5. Imperial Valley Warmwater Hatchery, Imperial County \$46,000.00

IT WAS REGULARLY MOVED AND SECONDED THAT THE WILDLIFE CONSERVATION BOARD APPROVE THE IMPERIAL VALLEY WARMWATER HATCHERY, IMPERIAL COUNTY, AND ALLOCATE \$46,000 FROM THE WILDLIFE RESTORATION FUND FOR DEVELOPING WORKING DRAWINGS AND SPECIFICATIONS THEREFOR THROUGH THE OFFICE OF ARCHITECTURE AND CONSTRUCTION. THE WILDLIFE CONSERVATION BOARD STAFF IS INSTRUCTED TO INCLUDE IN THE 1969-70 BUDGET BILL UNDER THE STATE BEACH, PARK, RECREATIONAL AND HISTORICAL FACILITIES BOND ACT PROGRAM THE IMPERIAL VALLEY WARMWATER HATCHERY CONSTRUCTION, INCLUDING PROJECT ASSISTANCE THEREFOR; AND AUTHORIZE THE STAFF AND THE DEPARTMENT OF FISH AND GAME TO PROCEED WITH THE PROJECT SUBSTANTIALLY AS PLANNED UPON FINAL APPROVAL OF THE BUDGET BILL.

PASSED UNANIMOUSLY.

6. Bridgeport Reservoir Fishing Access, Mono County
Change of Project Location

IT WAS REGULARLY MOVED AND SECONDED THAT THE WILDLIFE CONSERVATION BOARD APPROVE THE CHANGE IN SCOPE OF THE DEVELOPMENT FOR BRIDGEPORT RESERVOIR FISHING ACCESS, MONO COUNTY, AND THAT THE STAFF AND THE DEPARTMENT OF FISH AND GAME BE AUTHORIZED TO PROCEED WITH THE PROJECT AT THE NEW LOCATION SUBSTANTIALLY AS PLANNED.

PASSED UNANIMOUSLY.

Minutes of Meeting, Wildlife Conservation Board
July 25, 1968

7. Mouth of Mad River Fishing Access, Humboldt County \$60,180.00

IT WAS REGULARLY MOVED AND SECONDED THAT THE WILDLIFE CONSERVATION BOARD APPROVE THE MOUTH OF MAD RIVER FISHING ACCESS, HUMBOLDT COUNTY; ALLOCATE \$60,180.00 FOR ITS DEVELOPMENT; AND AUTHORIZE THE STAFF AND THE DEPARTMENT OF FISH AND GAME TO PROCEED WITH THE PROJECT SUBSTANTIALLY AS PLANNED. STAFF IS

AUTHORIZED TO MAKE APPLICATION FOR REIMBURSEMENT FOR MATCHING FUNDS UNDER THE FEDERAL LAND AND WATER CONSERVATION FUND PROGRAM.

PASSED UNANIMOUSLY.

8. Lake Cuyamaca Public Fishing Area, San Diego County \$26,000.00

IT WAS REGULARLY MOVED AND SECONDED THAT THE WILDLIFE CONSERVATION BOARD ALLOCATE \$26,000 TO COMPLETE THE LAKE CUYAMACA PUBLIC FISHING AREA PROJECT, SAN DIEGO COUNTY, TO ACCEPTABLE STANDARDS, AND THE STAFF AND THE DEPARTMENT IS AUTHORIZED TO PROCEED SUBSTANTIALLY AS PLANNED.

PASSED UNANIMOUSLY.

9. San Simeon Fishing Pier, San Luis Obispo County \$10,000.00

IT WAS REGULARLY MOVED AND SECONDED THAT THE WILDLIFE CONSERVATION BOARD ALLOCATE AN ADDITIONAL \$10,000 TO MATCH THE AMOUNT APPROPRIATED BY SAN LUIS OBISPO COUNTY FOR COMPLETION OF THE SAN SIMEON FISHING PIER, SAN LUIS OBISPO COUNTY; AND THE STAFF AND THE DEPARTMENT OF FISH AND GAME IS AUTHORIZED TO PROCEED SUBSTANTIALLY AS PLANNED.

PASSED UNANIMOUSLY.

10. Big Sage Reservoir Fishing Access, Modoc County \$6,600.00

IT WAS REGULARLY MOVED AND SECONDED THAT THE WILDLIFE CONSERVATION BOARD APPROVE THE UPGRADING OF THE BIG SAGE RESERVOIR FISHING ACCESS PROJECT, MODOC COUNTY; THAT \$6,600.00 BE ALLOCATED FOR RAMP CONSTRUCTION; AND THAT STAFF AND THE DEPARTMENT BE AUTHORIZED TO PROCEED SUBSTANTIALLY AS PLANNED.

PASSED UNANIMOUSLY.

11. Mt. Shasta Hatchery Water Supply, Siskiyou County \$9,800.00

IT WAS REGULARLY MOVED AND SECONDED THAT THE WILDLIFE CONSERVATION BOARD APPROVE THE DEVELOPMENT OF A SUPPLEMENTARY WATER SUPPLY FOR THE MT. SHASTA HATCHERY, SISKIYOU COUNTY; ALLOCATE

Minutes of Meeting, Wildlife Conservation Board
July 25, 1968

\$9,800.00 FOR THE TEST WELL AND PUMPING AS OUTLINED; AND
AUTHORIZE THE STAFF AND THE DEPARTMENT OF FISH AND GAME TO
PROCEED WITH THE PROJECT SUBSTANTIALLY AS PLANNED.

PASSED UNANIMOUSLY.

12. Martinez Fishing Pier, Contra Costa County \$30,000.00

IT WAS REGULARLY MOVED AND SECONDED THAT THE WILDLIFE CONSER-
VATION BOARD APPROVE THE MARTINEZ FISHING PIER, CONTRA COSTA
COUNTY; ALLOCATE \$30,000 FROM THE WILDLIFE RESTORATION FUND,
WHICH SUM IS TO BE MATCHED BY THE CITY OF MARTINEZ, TO PROVIDE
FOR CONSTRUCTION OF THE PIER AND APPURTENANT FACILITIES; AND
AUTHORIZE THE STAFF AND THE DEPARTMENT TO PROCEED WITH THE
PROJECT SUBSTANTIALLY AS PLANNED.

PASSED UNANIMOUSLY.

13. Glenn-Colusa Fish Screen - Plans, Glenn County \$60,000.00

IT WAS REGULARLY MOVED AND SECONDED THAT THE WILDLIFE CONSER-
VATION BOARD APPROVE THE GLENN-COLUSA FISH SCREEN, GLENN COUNTY;
ALLOCATE \$60,000 FROM THE WILDLIFE RESTORATION FUND FOR DEVELOP-
ING PRELIMINARY PLANS AND WORKING DRAWINGS FOR ITS CONSTRUCTION
THROUGH THE OFFICE OF ARCHITECTURE AND CONSTRUCTION; AND AUTHOR-
IZE STAFF AND THE DEPARTMENT OF FISH AND GAME TO PROCEED WITH
THE PROJECT SUBSTANTIALLY AS PLANNED. STAFF IS INSTRUCTED TO
MAKE APPLICATION FOR FEDERAL MATCHING FUNDS UNDER THE ANADROMOUS
FISH ACT (P.L. 89-304).

PASSED UNANIMOUSLY.

Senator Sherman arrived at the meeting at this time and advised the Board
he concurs with all of the recommendations made by the Joint Interim Committee
at the July 20, 1968, meeting.

There being no further items to consider, the meeting was adjourned at
2:00 p.m.

Respectfully submitted,

R. J. Nesbit

R. J. Nesbit
Executive Officer

Status of Funds

As of the close of the meeting on July 25, 1968, the amount allocated to projects from the Wildlife Restoration Fund, since the Board's inception in 1947, aggregated \$22,545,783.88*

a. Fish Hatchery and Stocking Projects	\$4,709,541.88
b. Fish Habitat Development and Improvement Projects	3,349,811.73
1. Reservoir Construction or Improvement	\$1,762,082.93
2. Stream Clearance and Improvement	229,081.94
3. Stream Flow Maintenance Dams	439,503.32
4. Marine Habitat	83,753.36
5. Fish Screens, Ladders and Weir Projects	835,390.18
c. Fishing Access Projects	7,428,113.40
1. Coastal Access	866,484.43
2. River, Stream and Bay Access	2,030,702.69
3. Lake, Reservoir & Salton Sea Access	1,994,698.36
4. Piers	2,536,227.92
d. Game Farm Projects	146,894.49
e. Game Habitat Development and Improvement Projects	6,165,913.58
1. Wildlife Areas	5,727,464.46
2. Miscellaneous Game Habitat Development	438,449.12
f. Hunting Access	473,711.72
g. Miscellaneous Projects	238,297.08
s. Special Project Allocations	<u>33,500.00</u>

Total Allocated to Projects \$22,545,783.88

*Includes \$312,859.57 reimbursed under Federal Accelerated Public Works Program completed in 1965-66 F.Y.; \$134,955.02 reimbursed under Land and Water Conservation Fund Program; and \$33,509.00 reimbursed under Anadromous Fish Act Program.

Operating Costs:

FY 47/48 thru 65/66 Actual	\$1,084,441.68
FY 66/67 Estimated	100,217.00
FY 67/68 Estimated	101,294.00
FY 68/69 Estimated	101,002.00
Total Actual and Estimated Operating Costs	\$1,386,954.68

RECAPITULATION:

Allocations for Projects	\$22,545,783.88
Expenses of Operation	<u>1,386,954.68</u>
Total Expended or Obligated	\$23,932,738.56

Total Funds Appropriated	\$21,750,000.00
Approp. made available 7/1/68	750,000.00
Int. on Surplus Money Inv. thru 6/30/68	1,083,328.70
Miscellaneous Revenue thru 67/68 FY	199,158.92
Reimbursement from Accelerated Pub. Wks. Prog.	312,859.57
Reimbursement from Land & Water Cons. Fund	134,955.02
Reimbursement from Anadromous Fish Act Program	<u>33,509.00</u>
Total Accountability	\$24,263,811.21
Total Expended or Obligated	<u>- 23,932,738.56</u>
Available thru 6/30/69	331,072.65