

State of California
WILDLIFE CONSERVATION BOARD
Minutes, Meeting of January 5, 1956

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State of California
 WILDLIFE CONSERVATION BOARD
 Minutes, Meeting of January 5, 1956

Pursuant to the call of the Chairman, the Wildlife Conservation Board met in Room 3191, State Capitol, Sacramento, California, on January 5, 1956. The meeting was called to order by Chairman William J. Silva at 1:35 p.m.

Fish and Game Commissioners Harley Knox from San Diego, Andy Kelly from Los Angeles, and Weldon Oxley from Redding were present and introduced by the Chairman.

1. Roll Call

<u>PRESENT:</u> William J. Silva	Chairman
Seth Gordon	Member of the Board
John M. Peirce	" " " "
Senator Hulse	Joint Interim Committee
Senator Johnson	" " "
Assemblyman Lowrey	" " "
Assemblyman Erwin	" " "
Assemblyman Belotti	" " "
E. E. Horn	Coordinator
R. J. Nesbit	Special Consultant

<u>ABSENT:</u> Senator Brown	Joint Interim Committee
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OTHERS PRESENT:

Earl Leitritz	Department of Fish and Game
Alex Calhoun	" " " "
W. C. Dry	" " " "
Nick Ermacoff	" " " "
James Leiby	" " " "
R. D. Calkins	" " " "
D. M. Selleck	" " " "
W. T. Shannon	" " " "
Harry Anderson	" " " "
R. D. Montgomery	" " " "
H. M. Russo	" " " "
Stanley Wilson	" " " "
Wm. J. Harp	Assistant to Fish & Game Commission
Weldon Oxley	Fish and Game Commissioner
Andy Kelly	" " " "
Harley E. Knox	" " " "
Harry Barnes	Irrigation Consultant
G. W. Philpott	Sportsmen's Council of Central Calif.
Harry Wilbur	California Game Improvement Ass'n
Harvey H. Hatfield	Associated Sportsmen's Club
L. J. Brocchini	ASC
Fred Evenden	California Jr. Museum, ASC
J. M. Winton	Grassland Water District
Jayne Philpott	Secretary, Sportsmen's Council of C.C.
R. E. Des Jardins	Waterfowl Advisory Committee
F. E. Redfern	" " "

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George D. Difani	Calif. Wildlife Federation
Manning Moore	Ocean Fish Protective Ass'n
Lupi Saldana	L.A. County Fish and Game Comm.
Alex Kerr	" " " " " "
Robert E. Howard	County of L. A.
Donald Johnson	City of San Luis Obispo
Melvin G. Bakeman	County of San Luis Obispo
Raymond Cannon	Ocean Fish Protective Ass'n
Ed. C. Rossez	So. Council of Conservation Clubs
C. H. Lostetter	U.S. Fish & Wildlife Service
Arthur St. Clair	Dept. of Employment

2. Approval of the Minutes

IT WAS MOVED BY MR. GORDON, SECONDED BY MR. PEIRCE, AS A JOINT MOTION, THAT READING OF THE MINUTES OF THE WILDLIFE CONSERVATION BOARD MEETING OF JULY 9, 1955, BE DISPENSED WITH AND SAID MINUTES BE APPROVED AS PUBLISHED AND DISTRIBUTED.

PASSED UNANIMOUSLY.

3. Status of Funds

The Coordinator reported that the amount allocated to specific projects as of December 31, 1955, aggregated \$11,166,186.96, made up as follows:

a. Fish Hatchery and Stocking Projects	\$4,302,661.65
b. Warmwater and Other Fish Projects	527,295.28
1. Warmwater Projects	\$413,775.28
2. Other Fish Projects	113,520.00
c. Flow Maintenance and Stream Improvement Projects . .	615,640.24
d. Screen and Ladder Projects	256,687.22
e. State Game Farms	105,644.49
f. Other Upland Game Projects	416,530.84
g. Waterfowl Management Projects	4,860,125.93
h. General Projects	81,601.31
Total Allocated	<u>\$11,166,186.96</u>

In addition to the specific allocations above, the following reserves have been established:

1. Colorado River Recreational Development	\$50,000.00
2. Salton Sea Fisheries Project	14,000.00
3. Warmwater Fisheries Projects	185,000.00
4. Whittier-Narrows Warmwater Fishing Lake	139,674.37
Total Reserves	<u>\$388,674.37</u>

Operating Costs: FY 47/48 thru 54/55 Actual	\$279,747.00
" 55/56 Estimated	59,338.00
" 56/57 Estimated	<u>67,271.00</u>
Total - Actual & Estimated Operating Costs	\$406,356.00

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Recapitulation:

Allocations for Projects	\$11,166,186.96
Reserves Established	388,674.37
Expenses of Operation	406,356.00
Total Expended or Obligated	<u>\$11,961,217.33</u>

Total Fund Appropriated	\$12,000,000.00
Approp. available thru 55/56 FY	750,000.00
Int. on Surplus Money Invest. thru 54/55 FY	113,486.21
Total Sum Available	<u>\$12,863,486.21</u>
Total Expended or Obligated	<u>11,961,217.33</u>

Available through 6/30/56 \$902,268.88

4. Whittier-Narrows Warmwater Fishing Lake, Project No. 114 \$139,674.37

Assemblyman Erwin requested clarification on the sums set up as reserves, especially for the Salton Sea, the warmwater fisheries projects, and the Whittier-Narrows Warmwater Fishing Lake. According to his understanding of previous action of the Board, the latter reserve was a definite allocation to the Whittier-Narrows Warmwater Fishing Lake project rather than a reserve.

The Coordinator cited the following action taken by the Board at the March 24, 1955, meeting:

First moved that \$50,000 out of the \$193,674.37 remaining from the allocation for San Gabriel Hatchery be used for spiny ray fish program at Whittier-Narrows and that \$2,000 of this \$50,000 be used for engineering studies as to the feasibility of the project.

This motion was amended, setting up not more than \$4,000 of the balance of the \$193,674.37 be used for engineering studies as to the feasibility of expanding Hot Creek, Fish Springs, Black Rock, and Mojave hatcheries.

While the motion did not definitely assign the balance of the fund of \$139,674.37 as a reserve for expansion of these hatcheries, discussion indicated that this sum be reserved for such use, and were so recorded.

On June 9, 1955, the minutes read:

"IT WAS MOVED BY ASSEMBLYMAN ERWIN, SECONDED BY SENATOR BROWN, THAT THE \$139,674.37 NOW HELD IN RESERVE FOR REGION V HATCHERIES EXPANSION, PROJECT NO. 115, BE WITHDRAWN AND THIS \$139,674.37 BE SET UP AS A RESERVE FOR THE WHITTIER-NARROWS WARMWATER FISHING LAKE, PROJECT NO. 114, PENDING THE COMPLETION OF ENGINEERING SURVEYS FOR THIS PROJECT.

"PASSED UNANIMOUSLY."

"IT WAS MOVED BY MR. GORDON, SECONDED BY MR. PEIRCE, THAT THE \$139,674.37 NOW HELD IN RESERVE FOR REGION V HATCHERIES EXPANSION, PROJECT NO. 115, BE WITHDRAWN AND THIS \$139,674.37 BE SET UP AS A RESERVE FOR THE WHITTIER-NARROWS WARMWATER FISHING LAKE, PROJECT NO. 114, PENDING THE COMPLETION OF ENGINEERING SURVEYS FOR THIS PROJECT.

"PASSED UNANIMOUSLY."

It was then suggested and recommended that action now be taken by the Board to allocate the sum of \$139,674.37 to the Whittier-Narrows project, and a motion was made to that effect by Assemblyman Erwin.

The question was raised as to whether engineering figures were available to the Board, whereupon Mr. Alex Kerr of the Los Angeles County Fish and Game Commission introduced a letter dated January 3, 1956, from Robert E. Howard, coordinator of the project for the County of Los Angeles, to the Wildlife Conservation Board, giving the engineering estimates and budget for the complete project. It was pointed out by him that although the total cost of the project was \$835,500.00, the Wildlife Conservation Board would be expected to supply only such funds as had been allocated to the project and would be used for the construction and/or acquisition of only such items as designated by the Board as just expenditures.

Members of the Board expressed their unwillingness to approve a project which included such things as landscaping and concession buildings, but it was again pointed out that the \$835,500 is for the complete project as envisioned by the County and that the Board would be requested to cooperate financially in only those items recognized as capital investment for fish and game.

Mr. Lupi Saldana, also a member of the Los Angeles County Fish and Game Commission, commented that pressure for recreational fishing areas is great in their area. They have finally found a spot with an ample source of water and a great potential for warmwater fishing. He earnestly requested the Board's consideration of this worthy project.

IT WAS MOVED BY ASSEMBLYMAN ERWIN, SECONDED BY SENATOR HULSE, THAT THE JOINT INTERIM COMMITTEE RECOMMEND TO THE BOARD THAT THE \$139,674.37 NOW SET UP AS A RESERVE FOR THE WHITTIER-NARROWS WARMWATER FISHING LAKE, PROJECT NO. 114, BE DEFINITELY ALLOCATED TO THE DEPARTMENT OF FISH AND GAME FOR THE COMPLETION OF THE WHITTIER-NARROWS WARMWATER FISHING LAKE, PROJECT NO. 114.

PASSED UNANIMOUSLY.

IT WAS MOVED BY MR. PEIRCE, SECONDED BY MR. GORDON, THAT THE WILDLIFE CONSERVATION BOARD DEFINITELY ALLOCATE THE SUM OF \$139,674.37, RESERVED FOR WHITTIER-NARROWS WARMWATER FISHING LAKE, PROJECT NO. 114, TO THE DEPARTMENT OF FISH AND GAME FOR THE COMPLETION OF THE PROJECT, AND THAT THE DEPARTMENT OF

FISH AND GAME BE AUTHORIZED TO NEGOTIATE WITH THE COUNTY OF LOS ANGELES IN WORKING UP AN AGREEMENT SATISFACTORY TO THE DEPARTMENT OF FINANCE.

PASSED UNANIMOUSLY.

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|--|--------------------|
| 5. <u>Cedar Creek Hatchery, Project No. 29</u> | <u>\$45,000.00</u> |
| <u>Moccasin Creek Hatchery, Project No. 17</u> | <u>7,000.00</u> |

Mr. Gordon brought the members of the Board up to date on flood damage at the various Fish and Game installations and raised the question as to whether or not the Wildlife Conservation Board should provide funds for the rehabilitation of the hatcheries. It was his opinion that all except Grizzly Island Waterfowl Management Area, Cedar Creek and Moccasin Creek hatcheries could be handled through Finance by emergency allocation of funds from the Fish and Game reserve. He pointed out that because of the flood damage, the feeding experiments which were being conducted at the Moccasin Creek Hatchery were set back more than a year and that the studies of the North Coast salmon and steelhead were set back a year.

The Chairman commented that Wildlife Conservation Board funds should be used to rehabilitate the Cedar Creek and Moccasin Creek hatcheries.

Mr. Difani was requested to give his views as a representative of the California Wildlife Federation. Mr. Difani expressed the feeling that although no definite course of action had been decided upon by the Federation, that group would approve Wildlife Board expenditure of funds to rehabilitate Cedar Creek and Moccasin Creek hatcheries because the Department has suffered losses that would otherwise have to be taken out of Department funds.

Assemblyman Erwin moved and Assemblyman Belotti seconded a motion that the Wildlife Conservation Board allocate the amount of \$52,000 for the reconstruction of Cedar Creek and Moccasin Creek hatcheries out of the unallocated balance of the Wildlife Restoration Fund.

Assemblyman Lowrey moved and Assemblyman Erwin seconded a motion to amend the previous motion by adding it be definitely understood this is an unusual emergency and does not constitute a precedent on the use of funds for rehabilitation or maintenance.

The Coordinator requested that specific sums for each of the two projects be set up so that difficulty would not be encountered in setting up these allocations in the Accounting Section.

It was pointed out that due to the fact that the contractors would be working under adverse weather conditions, a 10% contingency fund also be included in the allocation.

IT WAS MOVED BY ASSEMBLYMAN ERWIN, SECONDED BY SENATOR HULSE, THAT THE JOINT INTERIM COMMITTEE RECOMMEND TO THE BOARD THAT \$45,000 BE ALLOTTED TO THE DEPARTMENT OF FISH AND GAME FOR THE REPAIR OF FLOOD DAMAGE AT THE CEDAR CREEK HATCHERY, PROJECT NO. 29, AND \$7,000 BE ALLOTTED TO THE DEPARTMENT OF FISH AND GAME FOR THE REPAIR OF FLOOD DAMAGE AT MOCCASIN CREEK HATCHERY, PROJECT NO. 17; THESE FUNDS TO BE TAKEN FROM THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND. FURTHER, THAT THIS ALLOCATION DOES NOT CONSTITUTE OR ESTABLISH A PRECEDENT FOR THE REPAIR AND REHABILITATION OF EXISTING FACILITIES, BUT IS CONSIDERED ONLY IN THE NATURE OF MEETING THE FLOOD EMERGENCY.

PASSED UNANIMOUSLY.

IT WAS MOVED BY MR. PEIRCE, SECONDED BY MR. GORDON, THAT \$45,000 BE ALLOTTED TO THE DEPARTMENT OF FISH AND GAME FOR THE REPAIR OF FLOOD DAMAGE AT THE CEDAR CREEK HATCHERY, PROJECT NO. 29, AND \$7,000 ALLOTTED TO THE DEPARTMENT OF FISH AND GAME FOR THE REPAIR OF FLOOD DAMAGE AT MOCCASIN CREEK HATCHERY, PROJECT NO. 17; THESE FUNDS TO BE TAKEN FROM THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND. FURTHER, THAT THIS ALLOCATION DOES NOT CONSTITUTE OR ESTABLISH A PRECEDENT FOR THE REPAIR AND REHABILITATION OF EXISTING FACILITIES, BUT IS CONSIDERED ONLY IN THE NATURE OF MEETING THE FLOOD EMERGENCY.

PASSED UNANIMOUSLY.

6. Warmwater Fishing Program

The Coordinator reported on the course of action followed by the staff in their search for warmwater fishing projects. He stated the State-wide program of development of warmwater fishing areas by the Board has presented certain problems for consideration.

1. The Fish and Game Commission has passed a resolution requesting no more projects be financed by the Board which throw an additional operation and maintenance load upon the Department until the Department budget has been balanced. This means we must seek finance for operation and maintenance from sources other than the Department until a balanced budget is achieved.
2. Small projects require almost as much time to develop as larger areas that provide far greater public fishing.
3. It is far more difficult to interest other agencies in assuming the cost of operation and maintenance of small projects than it is for larger ones catering to more people.
4. Many projects, utilizing existing waters, are larger in size.

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The Coordinator recommended that the activity of the Board staff be directed to projects in the priority order of:

1. Securing fishing use of existing waters. These include:

- a. Impoundments for irrigation, flood control, domestic and power uses.
- b. Streams, sloughs, oxbows, where access to and use of the waters are the principal problems. On some sloughs, aquatic plant control, in addition to access, would increase fish production and utilization of the waters.
- c. Purchase of existing reservoirs and waters. There are, throughout the State, several existing reservoirs with established water that can be purchased, further developed and used primarily for fishing without conflict with other water uses. Finnon Reservoir in Eldorado County is an excellent example. Old dredger ponds are considered under this heading.

2. Creation of new impoundments.

Numerous damsites occur State-wide, and in that portion of the State north of the Tehachapi Mountains, runoff from the watersheds above some of these damsites is sufficient to create and maintain a suitable water level for a warmwater fishery.

There are many problems of water rights on such areas, but in many cases the impounded water is winter runoff that is lost to all uses.

Problems of water rights are being worked out before such projects will be presented to the Board for consideration.

Work on these impoundments is being integrated with studies made by the Division of Water Resources for 15 of the northern counties.

In all warmwater fishing projects presented at this meeting, and additional ones for consideration at subsequent meetings, agreements have been worked out whereby other agencies will assume the cost of operation and maintenance, thereby relieving the Department of Fish and Game of such additional costs.

The Coordinator requested the Board's approval or disapproval of the program as outlined.

Assemblyman Lowrey felt that if the Fish and Game Commission would not approve of any further capital investment because of additional operation and maintenance costs to the Department, then the work of the Board should be eliminated.

The concensus was that the Board must not let the added operational and maintenance costs to the Department be a deterrent to the warmwater program

as outlined by the members of the staff, and that the Board would support the program until the whole State has a well-rounded program for fishing and hunting.

Mr. Difani thanked the Wildlife Board for giving emphasis now to warm-water fishing lakes. He stated that the sportsmen are quite aware of the deficit spending of the Department and that increased revenues must be sought in some manner, either through increased license fees or in the form of trout stamps. The sportsmen, he added, are appreciative of the annual appropriation for the Board and will see to it that funds for maintenance and operation, which must come from the sportsmen, will be made available.

Mr. Philpott of the Sportsmen's Council of Central California expressed the same views, but hoped that the Board would not be stalemated in the warmwater fishing program because of the maintenance cost to the Department.

Mr. Gordon lauded the procedure followed by the staff of the Board in the development of warmwater fishing projects, and everyone concurred in the plan as submitted by the Coordinator for the procedure in getting warmwater fishing projects.

The Coordinator stated the cities and counties had agreed to undertake the operation and maintenance of all warmwater fishing projects that are on the agenda for this meeting. Thus, the Department would not be obliged to make such expenditures.

7. Project Evaluation, Property Acquisition, and Engineering Studies,
Project No. 2500 \$25,000.00

Under acquisition methods used in past years, the Board made an allocation of funds for the project, then the Department of Finance, Public Works Board, was requested to proceed with the acquisition. Funds were immediately available to the Public Works Department for all costs.

At present, the Department, making acquisition by negotiation, first selects and studies an area, takes an option to purchase, and then must await a meeting of the Board for funds to proceed with appraisal and other studies that may be necessary.

In our warmwater fish program we have taken one option and have several more that can be taken. After getting the option we must await until a meeting of the Board to request funds for appraisals. With infrequent Board meetings, this will require a long term of option, and it is difficult to get options beyond 180 days.

We would like to recommend the Board establish a fund of about \$25,000 to be used to secure appraisals, after favorable appearing options have been obtained.

In some cases there is a need for preliminary engineering or water studies that must be secured before an evaluation of the cost and economic feasibility can be made.

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If the engineering and cost estimates appear feasible, appraisals could be obtained.

If the appraisals and options can be negotiated within the structure prescribed and acceptable to the Director of Finance, the entire project could be presented to the Board and if approved, the cost of engineering and appraisal could be returned to the fund, and stand as a project cost.

If the appraisal and option could not be negotiated, then the sum spent for appraisal could not be returned to the fund but would stand as a cost of project investigation, similar to past surveys made by Water Resources from funds specifically allocated for such surveys.

The Coordinator recommended the establishment of this fund to speed up work where acquisition is required for it would permit a more orderly development of projects with sound cost estimates for consideration by the Board.

IT WAS MOVED BY ASSEMBLYMAN LOWREY, SECONDED BY ASSEMBLYMAN BELOTTI, THAT THE JOINT INTERIM COMMITTEE RECOMMEND THAT THE WILDLIFE CONSERVATION BOARD ALLOCATE THE AMOUNT OF \$25,000 OUT OF THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND FOR USE BY THE BOARD STAFF FOR PROJECT EVALUATION, PROPERTY ACQUISITION, AND ENGINEERING STUDIES, PROJECT NO. 2500.

PASSED UNANIMOUSLY.

IT WAS MOVED BY MR. PEIRCE, SECONDED BY MR. GORDON, THAT THE WILDLIFE CONSERVATION BOARD ALLOCATE THE AMOUNT OF \$25,000 OUT OF THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND FOR USE BY THE BOARD STAFF FOR PROJECT EVALUATION, PROPERTY ACQUISITION, AND ENGINEERING STUDIES, PROJECT NO. 2500.

PASSED UNANIMOUSLY.

8. State-wide Project for Access to and Development of Existing Warmwater Fishing Waters. Request to hire Special Consultant for period not to exceed six months.

The Coordinator requested the Board's approval to hire a special consultant for a period not to exceed six months.

The present survey of warmwater fishing projects points out a large number of existing sloughs and oxbows along streams, principally the Sacramento and San Joaquin Rivers and the Delta of these rivers, that provide good to excellent fishing, but are not available to the public either through posting against trespass or growth of brush and riparian vegetation that prevents fishing.

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A sizeable amount of existing water could be opened to public use at comparatively small cost by securing access through lease or purchase, and by brush clearing at selected spots. Opening of existing waters to fishing would not create any conflicts with other economic water uses.

More comprehensive surveys of these areas are needed to determine specifically what access and development could be recommended, and the problems and costs involved. The Department of Fish and Game does not have manpower that can be assigned to these tasks. Both Fish and Game workers and sportsmen have suggested general tentative areas, but no work has been done to determine just what is required in either work or funds. The staff of the Board is already fully occupied on a lot of project proposals and will not be able to devote much time to this survey for another year, unless other projects under investigation are dropped.

This part of our program could be speeded up, and considerable additional fishing water be made available if one temporary man could be added to the Board staff for a period of not to exceed six months.

With this survey of needed access to the Delta and the two rivers it will be possible to select the desired number of points of access to make all of these waters available to fishermen and do so with the least cost and greatest satisfaction.

The staff could then proceed with negotiation and estimates and present a sound plan for Board consideration.

The hiring of such a consultant has been provided for in the current budget, has been presented to the voting members, and to Mr. Peirce as Director of the Department of Finance for consideration.

The Chairman, in behalf of the Board, voiced approval of the Coordinator's plan to hire a special consultant for a period not to exceed six months to look into access and development of existing warmwater fishing waters.

9. Finnon Reservoir Public Fishing Area, Project No. 101 \$49,000.00

The Coordinator introduced the special consultant on the warmwater fisheries program, Mr. Raymond J. Nesbit, whose services have been loaned to the Wildlife Board by the Division of Water Resources.

Mr. Nesbit outlined his plan for the State-wide warmwater fishing program, and presented the Finnion Reservoir proposal.

Finnion Reservoir is located at 2400' elevation about 10 miles northeast of Placerville, El Dorado County. This impoundment, consisting of 35 surface acres, was made by placing a dam across a small tributary to the South Fork of the American River called Jay Bird Creek. Water to fill the reservoir is then diverted into the basin from Slab Creek. The dam, a hydraulic earth fill type, was constructed in 1906 by the American River Water and Power Company, a predecessor of P.G.&E., at a reputed cost of \$113,900. The

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purpose was to supply water to the Rock Creek Power House in the event of a flume failure. In 1939 the Mosquito Mutual Water Company acquired the property and are the present owners.

Little water is presently maintained in the reservoir since the present owners do not wish to support a public fishery. The Department of Fish and Game has studied and negotiated with the owners for the purchase of this reservoir at various times during the past several years. The asking price during these early negotiations were considered to be excessive by the Department. An option for \$30,000 covering 122 acres of land and appurtenances has now been taken.

In acquiring the option it was necessary to provide assurance that a water supply would be provided and that the diversion works and ditches into the Finnon Reservoir would be maintained. These provisions are included in the option agreement and would give the Department a permanent water supply at no annual cost.

A rather intensive study of the water rights has been made and if the property is purchased under the terms of the agreement, it is believed the water rights acquired by the State will be firm. Pertinent portions of the option has been approved by officials of the Division of Water Resources, Safety of Dams Section and the Water Rights Section.

Region II fisheries biologists have approved the lake as a very good warm-water fishery. It is also felt that Finnon Reservoir may have an additional value as experimental waters for warmwater fish without injuring the public fishing potential.

Local sportsmen and residents are enthusiastic about the project. The El Dorado County Board of Supervisors have passed a resolution favoring the project and assuming the responsibility of operation and maintenance. Other resolutions of support are from the El Dorado Rod & Gun Club, Georgetown Divide Rotary Club, and the Georgetown Divide Rifle and Pistol Club.

A plan of development has been drawn up. Its estimated cost of \$16,000 is broken down as follows:

Clearing trees and brush, replanting	\$1,000.00
Construct earth blanket outlet closure 200 cy @ \$1.00	200.00
Pack outlet pipe with 3 cy concrete	150.00
Enlarge spillway, 150 cy @ \$3.00	450.00
Pave spillway, 100 x 20 @ \$0.50	1,000.00
Fencing of dam, barbed wire, 1/3 mi. @ \$1,500	500.00
Parking area, grade and gravel	500.00
Roads, inc. rock surfacing 1/2 mi. @ \$10,000 mi.	5,000.00
Grading on dam L.S.	1,000.00
Toe drain 300 ft. @ \$3.00 inc. culvert	900.00
Sanitary facilities, 4 dry toilets @ \$200	800.00

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Well, one, 4", 100 ft. deep @ \$6.00	\$600.00
Hand Pump, @ \$200	200.00
Piers, floating, two @ \$1,000	2,000.00
	<u>\$14,300.00</u>
Contingencies @ 10%	1,430.00
TOTAL	<u>\$15,730.00</u>

Estimated cost:

Option	\$30,000.00
Appraisals	3,000.00
Development	<u>16,000.00</u>
TOTAL COST	<u>\$49,000.00</u>

Finnon Reservoir, if obtained under the terms of the option agreement, would provide an excellent warmwater fishing area, well located, with a permanent water right carrying no annual cost, and the operation and maintenance would be borne by El Dorado County.

Mr. Nesbit recommended that \$49,000 be allocated from the \$200,000 reserve established by the Board and that the Department of Fish and Game be authorized to proceed with acquisition.

Assemblyman Belotti inquired as to the potentialities of the region as a duck hunting area and whether or not the area would be open to hunting, and was informed that although it would be open to both hunting and fishing, it would be mostly hunting for quail rather than waterfowl.

Assemblyman Lowrey was assured by the Coordinator that water rights for the reservoir were firm, and that such rights were spelled out in the option to purchase.

IT WAS MOVED BY ASSEMBLYMAN BELOTTI, SECONDED BY ASSEMBLYMAN LOWREY, THAT THE JOINT INTERIM COMMITTEE RECOMMEND TO THE BOARD THAT THE FINNON RESERVOIR PUBLIC FISHING AREA, PROJECT NO. 101, BE APPROVED, AND:

1. ALLOCATE \$49,000 FROM THE \$200,000 RESERVED FOR WARMWATER FISHING PROJECTS FOR THE ACQUISITION AND DEVELOPMENT OF THE PROJECT; AND
2. AUTHORIZE THE DEPARTMENT OF FISH AND GAME TO PROCEED WITH THE ACQUISITION AND DEVELOPMENT, AND ENTER INTO AN AGREEMENT WITH THE BOARD OF SUPERVISORS OF EL DORADO COUNTY FOR THE OPERATION AND MANAGEMENT OF THE AREA WHEN COMPLETED.

PASSED UNANIMOUSLY.

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IT WAS MOVED BY MR. GORDON, SECONDED BY MR. PEIRCE, THAT THE WILDLIFE CONSERVATION BOARD APPROVE THE FINNON RESERVOIR PUBLIC FISHING AREA, PROJECT NO. 101, AND:

1. ALLOCATE \$49,000 FROM THE \$200,000 RESERVED FOR WARM-WATER FISHING PROJECTS FOR THE ACQUISITION AND DEVELOPMENT OF THE PROJECT; AND
2. AUTHORIZE THE DEPARTMENT OF FISH AND GAME TO PROCEED WITH THE ACQUISITION AND DEVELOPMENT AND ENTER INTO AN AGREEMENT WITH THE BOARD OF SUPERVISORS OF EL DORADO COUNTY FOR THE OPERATION AND MANAGEMENT OF THE AREA WHEN COMPLETED.

PASSED UNANIMOUSLY.

The meeting was recessed at 3:40 p.m. and reconvened at 4:00 p.m. (Mr. John Peirce was excused from the meeting at this time.)

10. Mendota Waterfowl Management Area, Project No. 532 \$300,000.00

This item was now considered for the benefit of those people who had come great distances to speak in behalf of the project. The Coordinator stated that members of the Board were supplied (December 5, 1955) with copies of the proposed plan for complete development of the newly acquired area, and expressed the hope that everyone had had an opportunity to read and study the report and were now able to make their recommendations on the proposal.

This proposed development is the result of several months of intensive work. Personnel of the Branches of Game Management and Engineering first worked out a plan with cost estimates. Then, under authority granted by the Wildlife Board (June 9, 1955) Mr. Harry Barnes, Irrigation Consultant of Madera, was hired to go over all plans. Mr. Barnes first worked independently and then with members of the Department of Fish and Game. The plan was then modified so that it now represents concurrence between the Department and the Board's Consultant.

Finally, this plan was presented to the San Joaquin Valley Waterfowl Management Advisory Committee for study. This committee has given over-all approval of the development plan.

Several points were brought out by the Committee.

The construction of residences for permanent key personnel was strongly recommended as necessary to the proper management of the area.

The acquisition of farming equipment should be made as development progressed and exact needs became fully evident. There is complete concurrence on this point.

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The plan for development and use of this area includes provisions for and management of waterfowl, pheasants, quail, and warmwater fish. The prospect for such multiple use is excellent.

This is probably the first time it has been possible to acquire a management area, plan its complete development, have this plan checked by a consulting engineer, and a local committee composed of successful farmers, and total cost estimates developed.

Estimates of the cost of development are as follows:

Tractors and Attachments	\$64,376.00
Farming Implements	26,955.00
Plows, discs, harrows, ditchers, landplant, and tool carriers	
Engineering Equipment	400.00
Sight levels, targets, tape, etc.	
Office Equipment	860.00
Equipment and supplies	
Trap Wagon Equipment	1,600.00
Air compressor, tractor lubricating assembly and mechanics tools, etc.	
Contract Items	182,300.00
Low lift pumps, dragline work, water control structures, bridges, etc.	
Materials and Supplies	72,000.00
Water Controls	42,500.00
Culverts and gate controls	
Operating Equipment	20,000.00
Fuel trailers, pumps, motor grader, boat, tule cutter	
Vehicles	16,800.00
6 pickups, 1 truck, 1 powerwagon	
Shops - Buildings	124,500.00
Shops, checking stations, office, grain bins, storage sheds, fuel storage, etc.	\$34,500.00
5 houses and 1 - 8-man bunkhouse	90,000.00
Domestic Water Supply and Sewer System	24,000.00
Shop Equipment	7,993.60
Welding equipment, shop power tools, small hand tools, lubrication equipment, plumbing equipment, overhead hoist	
GRAND TOTAL	<u>\$584,284.60</u>

\$90,000 was allocated on July 9, 1955, for the purchase of equipment and the construction of facilities (\$90,000.00)

Additional fund required \$494,284.60
Estimated needs first year 300,000.00

Balance required in subsequent years \$194,285.00

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Under provisions of the Grassland Act, the Bureau of Reclamation will make \$400,000 available for San Joaquin Valley Waterfowl Management Areas. \$200,000, or half of this, would be available for the Department of Fish and Game, and the other half for Fish and Wildlife Service.

At present we are not advised by the Department what portion of this \$200,000 will be used for other San Joaquin Valley Waterfowl Areas.

If the Board allocates \$300,000 now to meet the requirements of the first year, the balance could await until the Grassland Act fund is determined. The additional required probably would not exceed \$60,000, if that.

The Coordinator advised that the request for an allocation for the development of this area had been deferred until a special irrigation consultant could go over the plans of the Department.

Mr. Martin Winton, Chairman of the Waterfowl Committee for the Sportsmen's Council and Director of the Grassland Water District, spoke in behalf of the plan as submitted, stating that the area, if properly developed, would provide an excellent multiple use area, not only for the community but the State as well. He further expressed the appreciation of his group for the close cooperation of the federal and state agencies in the waterfowl program.

The fact that the maintenance of this area, being quite large, might be contrary to the wishes of the Fish and Game Commission was brought up, but it was maintained that the Commission had exempted all projects that had been approved by the Board prior to the enactment of their resolution.

The housing as proposed in the plan was discussed, and it was pointed out by both Mr. Winton and Mr. Philpott that this was a problem that was thoroughly looked into and the housing proposed was approved by all groups. It was further emphasized by Mr. Philpott that this area would provide more man-days of fishing than waterfowl hunting.

IT WAS MOVED BY ASSEMBLYMAN ERWIN, SECONDED BY ASSEMBLYMAN BELOTTI, THAT THE JOINT INTERIM COMMITTEE RECOMMEND TO THE BOARD THAT AN ALLOCATION OF \$300,000 BE MADE TO THE DEPARTMENT OF FISH AND GAME FROM THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND FOR THE DEVELOPMENT OF MENDOTA WATERFOWL MANAGEMENT AREA, PROJECT NO. 532.

AYES: ASSEMBLYMEN ERWIN, BELOTTI, SENATOR HULSE

NO: ASSEMBLYMAN LOWREY

IT WAS MOVED BY MR. GORDON, SECONDED BY MR. SILVA, THAT THE WILDLIFE CONSERVATION BOARD ALLOCATE \$300,000 TO THE DEPARTMENT OF FISH AND GAME FROM THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND FOR THE DEVELOPMENT OF MENDOTA WATERFOWL MANAGEMENT AREA, PROJECT NO. 532.

PASSED UNANIMOUSLY.

11. Santa Margarita Lake Public Fishing Area, Project No. 117 \$50,000.00

Santa Margarita Lake, a 720 acre body of water, was formed by the construction of Salinas Dam on the upper Salinas River, about 7 miles east of the town of Santa Margarita in San Luis Obispo County. The dam was constructed by the Army Corps of Engineers early in World War II to provide a water supply for Camp San Luis Obispo, but the reservoir water was never used for this purpose, even during the war. Present use is that of municipal water supplies for the towns of Santa Margarita, Templeton and San Luis Obispo. Some water to recharge underground supplies in the vicinity of Paso Robles is also released. Water level fluctuations in the Lake have not exceeded 12 feet in past years.

The Lake is already well stocked with warmwater fish. Little fishing of this type is available anywhere in the area. Local officials report that frequent calls come from as far away as Los Angeles and San Diego asking when the Lake will be open to fishing.

Local support is evidenced by 83 sponsoring clubs comprising a combined membership of nearly 10,000 persons. These clubs have combined to form an organization known as the Santa Margarita Lake Association.

Department of Fish and Game fisheries biologists and others have long hoped for the opening of this large body of water to public use. The problem in the past has been that the State Department of Public Health would not authorize such use without extensive sanitary facilities. The County of San Luis Obispo had not sufficient funds for such development.

Operation and maintenance of all facilities will be by the County. It is estimated also that over a period of years the County will invest another \$25,000 or \$30,000 in capital outlay.

A complete plan of development has been drawn up by the County Planning Commission. The public health aspects of this plan have been approved by the Department of Public Health.

The breakdown of costs are as follows:

1. 14 Restroom sets @ \$500 each	\$7,000
2. Boat House for Fish and Game Boat	1,250
3. Fishing Docks (floating) 8' x 38', 12 @ \$1,320 each	15,840
4. Fence (3 strand barbed wire) 6,380 ft. @ \$0.50/lin. ft.	3,190
5. Access Road and Parking	10,000
6. Boat cleaning float and pump	2,600
7. Shoreline Trail (Construction equipment rental) 80 hrs. @ \$10/hr.	800
8. Fire Breaks (Equipment rental) 40 hrs. @ \$10/hr.	400
9. Fish Cleaning Table & Drain Sump	400
10. Water Supply	8,165
TOTAL	\$49,645

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It was recommended that \$50,000 be allocated from the \$200,000 reserve established by the Board.

Assemblyman Lowrey questioned the request for 12 fishing docks. Mr. Mel Bakeman, Planning Director of San Luis Obispo County, informed the Board that Santa Margarita Lake is very long, and in order to utilize the whole body of water, it would be necessary to have many fishing docks and sanitary facilities spaced along the banks. It was also considered a safety measure for children and women because of the steep banks. It was emphasized that this lake is a domestic water supply and therefore adequate sanitary facilities along the shore of the lake was necessary.

Mr. Philpott also recommended the allocation, and stated the Sportsmen's Council of Central California was enthusiastically in favor of this project.

IT WAS MOVED BY ASSEMBLYMAN LOWREY, SECONDED BY SENATOR HULSE, THAT THE JOINT INTERIM COMMITTEE RECOMMEND THAT THE WILDLIFE CONSERVATION BOARD APPROVE THE SANTA MARGARITA LAKE PUBLIC FISHING AREA, PROJECT NO. 117; ALLOCATE \$50,000 TO THE DEPARTMENT OF FISH AND GAME FROM THE \$200,000 RESERVE ESTABLISHED BY THE BOARD FOR WARMWATER FISHING PROJECTS; AUTHORIZE THE DEPARTMENT TO ENTER INTO A USE AGREEMENT WITH THE COUNTY OF SAN LUIS OBISPO FOR THE COST OF CONSTRUCTION OF NECESSARY FACILITIES, AND FOR THE OPERATION AND MAINTENANCE OF THE PROJECT. FURTHER, THAT THIS AUTHORIZATION IS TO BE EFFECTIVE WHEN THE COUNTY OF SAN LUIS OBISPO PRESENTS A SUITABLE USE AGREEMENT FROM THE CORPS OF ENGINEERS.

PASSED UNANIMOUSLY.

IT WAS MOVED BY MR. GORDON, SECONDED BY MR. SILVA, THAT THE WILDLIFE CONSERVATION BOARD APPROVE THE SANTA MARGARITA LAKE PUBLIC FISHING AREA, PROJECT NO. 117; ALLOCATE \$50,000 TO THE DEPARTMENT OF FISH AND GAME FROM THE \$200,000 RESERVE ESTABLISHED BY THE BOARD FOR WARMWATER FISHING PROJECTS; AUTHORIZE THE DEPARTMENT TO ENTER INTO A USE AGREEMENT WITH THE COUNTY OF SAN LUIS OBISPO FOR THE COST OF CONSTRUCTION OF NECESSARY FACILITIES, AND FOR THE OPERATION AND MAINTENANCE OF THE PROJECT. FURTHER, THAT THIS AUTHORIZATION IS TO BE EFFECTIVE WHEN THE COUNTY OF SAN LUIS OBISPO PRESENTS A SUITABLE USE AGREEMENT FROM THE CORPS OF ENGINEERS.

PASSED UNANIMOUSLY.

12. Inland Lake Public Fishing Area, Project No. 116
(Confirmation of vote by mail)

This project was recommended by Senator James E. Cunningham of San Bernardino, California.

A letter was sent to all Board members on October 13, 1955, explaining the situation and requesting a vote by mail -- with confirmation at the next public meeting. In essence the letter stated as follows:

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Inland Lake of 10¹/₂ surface acres within the city limits of San Bernardino, provided a great deal of recreation for warmwater fishing in the past. During the present dry cycle the ground water level has receded and the lake is now dry. The City has constructed catch basins to pick up water from two north and south boulevards and has constructed a holding basin from which the lake could be filled and the lake level maintained. The lake bed in places is sandy and requires sealing to prevent leakage. From engineering studies, this sealing appears feasible and sealing material is available nearby and the City would undertake all the construction work if they could be reimbursed for the costs from Wildlife Restoration Funds. The City would assume all future costs for operation and maintenance including maintaining a prescribed water level and would enter into an agreement with the State whereby the State would have jurisdiction and prescribe the fisheries management. This is very similar to the Lindo Lake project in San Diego County.

Department and City engineers have determined that the lake bed should receive a 4" layer of clay material from a nearby city-owned clay pit together with additional material that can be obtained from the Crane Company without cost. The cost estimate would be:

Clay 4" deep @ \$1.50 cu. yd., 6,000 cu. yd.	\$9,000
Grading lake bed, lump sum	5,000
Contingencies	<u>1,000</u>
TOTAL	\$15,000

It is entirely possible that all of this sum will not be required, but any balance could be recovered.

Because of the extreme difficulty in securing waters in southern California that may be dedicated to fisheries use, it was recommended that this proposal be given serious consideration and that the sum of \$15,000 be allocated from the \$200,000 reserve established for warmwater fishing projects.

The lake is now dry and if the work can be done before the rainy season, it will be possible to complete the project at the lowest possible cost and to fill it from winter runoff. If the work is not done in the next month or six weeks, there is a good possibility that sufficient runoff will enter the lake to prevent completing the project, and it might be another year or possibly two before the lake bed would be in such a favorable condition for sealing.

Votes were returned as follows:

Aye - Senators Hulse, Johnson
Assemblymen Belotti, Erwin, Lowrey
(Senator Brown did not return the vote.)

Voting Members: Silva, Peirce, Gordon

Nay - None

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It was requested this action be confirmed.

IT WAS MOVED BY ASSEMBLYMAN ERWIN, SECONDED BY ASSEMBLYMAN LOWREY, THAT THE JOINT INTERIM COMMITTEE RECOMMEND THE WILDLIFE CONSERVATION BOARD HEREBY CONFIRM A VOTE TAKEN BY MAIL IN OCTOBER, 1955, ALLOCATING \$15,000 TO THE DEPARTMENT OF FISH AND GAME FROM THE \$200,000 RESERVE ESTABLISHED BY THE BOARD FOR WARMWATER FISHERIES PROJECTS FOR THE INLAND LAKE PUBLIC FISHING AREA, PROJECT NO. 116, AND THE DEPARTMENT BE AUTHORIZED TO PROCEED WITH THE CITY OF SAN BERNARDINO IN COMPLETING THE PROJECT.

PASSED UNANIMOUSLY.

IT WAS MOVED BY MR. GORDON, SECONDED BY MR. SILVA, THAT THE WILDLIFE CONSERVATION BOARD HEREBY CONFIRM A VOTE TAKEN BY MAIL IN OCTOBER, 1955, ALLOCATING \$15,000 TO THE DEPARTMENT OF FISH AND GAME FROM THE \$200,000 RESERVE ESTABLISHED BY THE BOARD FOR WARMWATER FISHERIES PROJECTS FOR THE INLAND LAKE PUBLIC FISHING AREA, PROJECT NO. 116, AND THAT THE DEPARTMENT IS AUTHORIZED TO PROCEED WITH THE CITY OF SAN BERNARDINO IN COMPLETING THE PROJECT.

PASSED UNANIMOUSLY.

13. Avocado Lake Public Fishing Area, Project No. 107 \$11,000.00

The Board allocated \$15,000 for this project on April 16, 1953. Originally the Corps of Engineers were proposing to complete acquisition of the property then under condemnation. Finally the Federal Government decided to restore title to the owners and pay them for aggregate taken for the construction of Pine Flat Dam. This made it necessary for the Department of Fish and Game to either purchase or lease the lands that would be necessary to complete the project.

On June 9, 1955, the Board authorized the Department to acquire the two properties by negotiation, and negotiate leases with the other owners.

One property has been purchased, another is in escrow. Leases have been secured on two properties, and the lease for the final parcel appears to be in shape to be acceptable.

These actions made it necessary to purchase two parcels, and also to lift leases held by the Corps of Engineers for the Alta and Fresno Irrigation Districts parcels.

Costs of these negotiations are as follows:

1. Appraisal of lands	\$ 250.00
2. Purchase of lands	3,841.50
3. Clear up Corps of Engineers leases	1,275.00
Total Acquisition	<u>\$5,366.50</u>

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Proposed development of area: Cost estimates as developed by Branch of Engineering:

Item	Unit	Quantity	Unit Cost	Item Cost
Repair 120' x 18' Bridge	l.s.			\$ 1,500
Bank sloping	c.y.	38,000	0.25	9,500
Blade New Road	l.f.	1,100	0.50	550
Boat Launching Ramp	l.s.			80
Boat dock	l.s.			1,400
Pit Privies	ea.	4	300.00	1,200
Barbed wire fence	mi.	2.0	1,500.00	3,000
				<u>\$18,130</u>
Administration and Contingencies @ 10%				1,810
Total				<u>\$19,940</u>

Total Cost of Project:

Acquisition	\$5,366.50
Development	19,940.00
Total Cost	<u>\$25,306.50</u>
Previous allocation	15,000.00
Additional allocation req.	<u>\$10,306.50</u>

The Coordinator recommended that \$11,000 from the reserve of \$200,000 be allocated for completion of the Avocado Lake Public Fishing Area.

IT WAS MOVED BY ASSEMBLYMAN ERWIN, SECONDED BY ASSEMBLYMAN LOWREY, THAT THE JOINT INTERIM COMMITTEE RECOMMEND TO THE VOTING MEMBERS THAT THE WILDLIFE CONSERVATION BOARD ALLOCATE \$11,000 TO THE DEPARTMENT OF FISH AND GAME FROM THE \$200,000 RESERVE FOR WARMWATER FISHERIES PROJECTS TO COMPLETE THE DEVELOPMENT OF THE AVOCADO LAKE PUBLIC FISHING AREA, PROJECT NO. 107.

PASSED UNANIMOUSLY.

IT WAS MOVED BY MR. GORDON, SECONDED BY MR. SILVA, THAT THE WILDLIFE CONSERVATION BOARD ALLOCATE \$11,000 TO THE DEPARTMENT OF FISH AND GAME FROM THE \$200,000 RESERVE FOR WARMWATER FISHERIES PROJECTS TO COMPLETE THE DEVELOPMENT OF THE AVOCADO LAKE PUBLIC FISHING AREA, PROJECT NO. 107.

PASSED UNANIMOUSLY.

Items 11, 12, and 13 of the Agenda did not require Board action because the Board had established a \$25,000 evaluation, engineering and acquisition fund earlier in the meeting.

14. Region V Stream Flow Maintenance, Project No. 81 \$60,000.00

The Board allocated \$35,000, January 26, 1950, and \$50,000 November 29, 1954, for this project. About 500 log and masonry dams and stream deflectors have been constructed by Department crews.

The results of this project are exceptionally good and contributes a great deal to increase fishing waters in this critically water deficient portion of the State. The work should be continued to completion.

Upon Board staff suggestion, the Department completed a region-wide survey using Dingell-Johnson funds to determine such additional work as is desirable and justifiable.

This survey sets forth the following suggested funds for efficient continuance and estimates a three-year period for completion:

<u>Salaries and Wages</u>	<u>One Year</u>	<u>Three Years</u>
Fisheries Manager II (\$395-481)	\$5,232	\$16,500
Fisheries Manager I (\$341-415)	4,980	14,940
Fish Hatchery Assistant (\$268-325)	3,900	11,700
Seasonal Aids (40 man months per year @ \$231)	9,240	27,720
	<u>\$23,352</u>	<u>\$70,860</u>

Services and Expenses

Automotive operation and maintenance	\$2,400	\$7,200
Tractor operation	500	1,500
Equipment repair and maintenance	500	1,500
Travel expense	4,320	12,960
Miscellaneous services and expenses	150	450
	<u>\$7,870</u>	<u>\$23,610</u>

Property and Equipment

1 - 3/4 ton pickup	\$1,500	\$1,500
1 - 1-ton truck, stakeside	4,000	4,000
Miscellaneous tools, tarps, and other field equipment	400	1,200
	<u>\$5,900</u>	<u>\$6,700</u>

Materials and Supplies

Cement, steel and form lumber	\$3,000	\$9,000
Wire cable, rope center, 9/16"	400	1,200
16 pr. boots, industrial, hip length	145	435
24 pr. gloves, cement, neoprene coated	30	90
24 pr. gloves, work, leather palm	25	75
Handles, pick, adz, mattock, sledge	10	30
Lumber, redwood or cedar, for signs	200	600
Chain, 3/8 trade size, carbon steel	100	300
Nails, bolts, drift pins, screws	150	450
Hand tools, including axes, shovels, etc.	300	900
	<u>\$4,360</u>	<u>\$13,080</u>

It will be noted that under "Salaries and Wages" there is included two new permanent personnel for the project: a Fisheries Manager II position and a Fish Hatchery Assistant position. With respect to the Fisheries Manager II position, it was felt that it is imperative to provide for a man capable of directing this project with a minimum of supervision from the presently overburdened fisheries staff. Alex Calhoun, in his letter of October 24, 1955, shows an appreciation of the need for this position and states the need concisely and well: "I recommend that a Fisheries Manager II position be set up to handle the direction of this project, including particularly the planning, evaluation, and liaison with property owners and other interested parties."

The use of an all Seasonal Aid crew, with the exception of the one permanent Fisheries Manager I position at present, has been found to be generally unsatisfactory due to the constant supervision required, a heavy turnover of Seasonal Aids, and to the nine-month maximum period of employment. At least one additional permanent employee, probably of Fish Hatchery Assistant status or equivalent, should be provided for the field construction crew. This would give a greater continuity of working skills and experience in this specialized work, provide a heavy-equipment operator at all times in addition to the Fisheries Manager I, and would permit better use of Seasonal Aid help by providing a reliable lead man at all times.

Study of this proposal and the work being done fully justifies the Department request that supervisory personnel be employed out of allocated funds. It is identical with the supervision that would be provided by any contractor who might bid on such work, and will further increase the existing efficiency of operation.

Since Wildlife Conservation Board funds are now appropriated on an annual basis, it was recommended by the Coordinator that the allocation of funds be made on an annual basis, and that \$60,000.00 be provided for project No. 81 to continue the operation through January 31, 1957.

The legislative advisers questioned the use of Wildlife Restoration Fund to supply wages for personnel working on the projects as it was not the intent of the Act. It was also felt that setting up such classifications might mean a promotion of the personnel already on the job.

The Department contended that the work was being done by force account -- the Department would be doing the hiring and the construction work itself. If the Department were to let a contract for the project, such wages would be included in the contract price. These fisheries classifications and wages were set up to meet State Personnel Board requirements only. At the completion of the project, the personnel on these jobs would be laid off as they would have been hired out of the project funds.

IT WAS MOVED BY ASSEMBLYMAN ERWIN, SECONDED BY SENATOR HULSE, THAT THE JOINT INTERIM COMMITTEE RECOMMEND TO THE WILDLIFE CONSERVATION BOARD THAT AN ALLOCATION OF \$60,000 BE MADE TO THE DEPARTMENT OF FISH AND GAME FROM THE

UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND TO CONTINUE REGION V STREAM FLOW MAINTENANCE, PROJECT NO. 81, THROUGH JANUARY 31, 1957, WITH THE UNDERSTANDING THAT THE POSITIONS SET UP WILL BE ABOLISHED AT THE END OF THE PROJECT AND THAT THE CLASSIFICATIONS WOULD NOT STEP UP OR PROMOTE ANY OF THE PERSONNEL NOW ON THE JOB.

AYES: SENATOR HULSE, ASSEMBLYMEN ERWIN, BELOTTI
ASSEMBLYMAN LOWREY ABSTAINED.

IT WAS MOVED BY MR. GORDON, SECONDED BY MR. SILVA, THAT THE WILDLIFE CONSERVATION BOARD ALLOCATE \$60,000 TO THE DEPARTMENT OF FISH AND GAME FROM THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND TO CONTINUE REGION V STREAM FLOW MAINTENANCE, PROJECT NO. 81, THROUGH JANUARY 31, 1957, WITH THE UNDERSTANDING THAT THE POSITIONS SET UP WILL BE ABOLISHED AT THE END OF THE PROJECT AND THAT THE CLASSIFICATIONS WOULD NOT STEP UP OR PROMOTE ANY OF THE PERSONNEL NOW ON THE JOB.

PASSED UNANIMOUSLY.

15. Fish Egg and Fry Incubators

On November 23, 1955, a copy of "The Progressive Fish-Culturist", Vol. 17, No. 4, October 1955, was mailed to all members of the Board. This contained an article describing a verticle egg and fry incubator developed by the Salmon Cultural Laboratory of the U. S. Fish and Wildlife Service located at Entiat, Washington.

This incubator is of great interest to the Department of Fish and Game and could well meet some of the problems of the catchable trout program.

Along with the general increased efficiency and advantages, this device could be of much value in permitting a temperature control of the volume of water used. In order to meet various planting dates and quotas of catchables of proper size, it is necessary to either retard or accelerate the hatching of eggs at the different hatcheries. Under existing (natural) water temperatures at some hatcheries, the fish are too large or too small when needed. By building heating and/or refrigerating equipment to thermostatically control the temperature of the water used in the incubator, the hatcheries can more efficiently regulate the time of hatching, etc. These incubators also permit a far more efficient use of malachite green to control fungus on the eggs.

This new development has been intensively studied by the Department, and a request has been made to construct and test these devices at several hatcheries.

A small incubator is requested for Cedar Creek Experimental Hatchery, and because of its smaller size and water requirement, there do not appear to be any serious problems in heating the water.

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The large size incubator proposed for Mt. Whitney Hatchery does involve problems in heating, and it was suggested by the Coordinator that only one of these be constructed, tested, and modified before additional ones are constructed.

Assemblyman Lowrey stated it was his understanding that the Coleman Hatchery had been using these incubators since 1942 and requested the reason the Department had delayed its plans to use such incubators until now. Mr. Alex Calhoun suggested that perhaps this incubator was used only for experimental purposes. Mr. Roger E. Burrows developed it at the Federal hatchery at Entiat, Washington, and he would not release the plans until it was considered entirely safe.

a. Cedar Creek Experimental Hatchery, Project No. 29 \$2,200.00

No provision has, as yet, been made to take and hatch steelhead trout at the Cedar Creek Experimental Hatchery.

It is now proposed by the Department to build a 20 tray incubator in the existing meat room at Cedar Creek instead of constructing a hatchery building with conventional troughs. If this method proves completely successful, a full size incubator to meet the needs of this hatchery could then be constructed instead of the conventional hatchery building. This incubator would be built with necessary water warming equipment.

The estimated cost, as prepared by the Branch of Engineering, is as follows:

One 20-tray bank - located in existing meat room - water demand 0.10 gal. per minute per tray; temperature raised from 40 degrees to 60 degrees; electric heating.

Incubator frame: Steel 200 lb. at \$0.30	\$ 60.00
Trays, complete: 20 at \$10.00	200.00
Drain pan	10.00

Miscellaneous:

200' water supply pipeline, pump, etc.	300.00
Drain line to creek, floor drain, etc.	200.00
Water heaters: 2 - 3500 watt, 52-gal. heaters	300.00
Electric installation: 10 HP demand	500.00

Subtotal \$1,570.00

OH&P - 20%; isolation 5% 392.50

Contingencies 10% 157.00

TOTAL \$2,119.50

The Coordinator recommended \$2,200 be allocated for this item.

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IT WAS MOVED BY ASSEMBLYMAN LOWREY, SECONDED BY ASSEMBLYMAN BELOTTI, THAT THE JOINT INTERIM COMMITTEE RECOMMEND TO THE BOARD THAT \$2,200 BE ALLOCATED TO THE DEPARTMENT OF FISH AND GAME FROM THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND FOR CONSTRUCTION OF A 20 TRAY EGG INCUBATOR AT CEDAR CREEK EXPERIMENTAL HATCHERY, PROJECT NO. 29.

PASSED UNANIMOUSLY.

IT WAS MOVED BY MR. GORDON, SECONDED BY MR. SILVA, THAT \$2,200 BE ALLOCATED TO THE DEPARTMENT OF FISH AND GAME FROM THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND FOR CONSTRUCTION OF A 20 TRAY EGG INCUBATOR AT CEDAR CREEK EXPERIMENTAL HATCHERY, PROJECT NO. 29.

PASSED UNANIMOUSLY.

b. Mt. Whitney Hatchery, Project No. 35 \$10,000.00

The Department of Fish and Game has requested funds for the construction of one 150 tray bank incubator at Mt. Whitney Hatchery. The Engineering Branch advise there are certain problems in heating and cooling the water for this type incubator. These problems are being explored with the engineers of commercial concerns manufacturing such equipment.

Since such problems exist, and it may be necessary to make modifications in this pilot plant based upon operating experience, it was suggested that a sum of \$10,000 be allocated for use of the Department in constructing such an incubator at Mt. Whitney Hatchery.

The Coordinator recommended that \$10,000 be allocated from the unallocated balance of the Wildlife Restoration Fund for this item.

IT WAS MOVED BY ASSEMBLYMAN ERWIN, SECONDED BY ASSEMBLYMAN BELOTTI, THAT THE JOINT INTERIM COMMITTEE RECOMMEND TO THE BOARD THAT \$10,000 BE ALLOCATED FROM THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND FOR THE DEVELOPMENT AND CONSTRUCTION OF A 150 TRAY INCUBATOR AT MT. WHITNEY HATCHERY, PROJECT NO. 35.

PASSED UNANIMOUSLY.

IT WAS MOVED BY MR. GORDON, SECONDED BY MR. SILVA, THAT \$10,000 BE ALLOCATED FROM THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND FOR THE DEVELOPMENT AND CONSTRUCTION OF A 150 TRAY INCUBATOR AT MT. WHITNEY HATCHERY, PROJECT NO. 35.

PASSED UNANIMOUSLY.

16. Mojave Hatchery, Project No. 39

\$4,500.00

In our joint study with the Department of Fish and Game of the catchable trout and hatchery program in southern California, it becomes highly desirable to determine whether the hatching of eggs and rearing of fry is possible in the waters available to Mojave Hatchery. This hatchery has been operating as a rearing station with no hatching facilities.

Should increased production ever be desired in southern California, Mojave Hatchery offers the greatest opportunity from the standpoint of cost, location in relation to planting areas, water supply and space.

Facilities to hatch eggs and rear fry at Mojave River would add much needed flexibility to the Region V trout rearing program. At the present time, there are not suitable facilities for hatching trout eggs or rearing fry in southern California. The water at Fillmore is unsuitable and physical facilities are lacking at Mojave.

Accordingly, it is necessary to transport large fry from Mono-Inyo hatcheries to Mojave and Fillmore hatcheries for stocking in the rearing ponds. This is a rather awkward arrangement. It would greatly simplify the whole Region V hatchery operation if there were some hatching facilities in southern California closer to the rearing ponds.

Region V is now cramped for trough space to supply fingerlings for the stocking of catchable trout rearing ponds and airplane planting. If at any future date the catchable trout production is increased, it would be necessary to provide additional fingerling facilities as well.

It is proving difficult to make long-range plans for the ultimate development of the Mojave Hatchery because it is unknown whether or not it will be feasible to hatch eggs and rear fry there. Attempts have been made to carry on experiments, but the necessary equipment has been lacking to do a satisfactory job.

It would be possible to resolve this question by setting up temporary facilities costing about \$4,500. These would include a metal garage building 24 feet by 34 feet between wells No. 1 and 2 and the present office building for use as a hatchery building. A temporary structure without a floor would be adequate. At the conclusion of the experiment it would be useful either added to a larger metal building or moved to another location for use as a garage.

Water for the test could readily be taken directly from the bottom of Aerator No. 2 and piped to the building. There would be enough drop to afford gravity flow of 100 gallons per minute, ample for eight experimental troughs. The water would drain off into a nearby concrete irrigation pipe.

Experiments lasting about eight months are proposed, along the following lines. One hundred thousand eyed rainbow eggs would be shipped from Hot Creek Hatchery to Mojave Hatchery in October for hatching, rearing to

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fingerling size, and stocking in the Mojave River rearing ponds. Another 100,000 eyed eggs would be shipped from Mt. Shasta in January, and an additional 100,000 from Mt. Whitney in May. Thus, 100,000 eggs from each of the Department's three main trout broodstocks would be reared under close observation in the Mojave water supply. The results should show clearly whether or not the supply is suitable for hatching trout eggs and rearing trout fry.

It will then be possible to determine whether or not a trough hatchery or one of the new incubators, if they prove successful elsewhere, should be incorporated in future plans for Mojave.

The cost of the facilities needed for the experiment outlined above are as follows:

24' x 30' metal building in place at \$3.50	\$3,000.00*
100' - 6" spiral weld, 12 gauge, supply pipe in place	200.00
2 - 6" gate valves at \$50 each	100.00
8 - 2" molasses valves on hand	No charge
8 standard hatchery troughs on hand	No charge
100' - 8" transsite, or steel, or tile drain pipe in place	200.00
Outlet structure at existing aerator	200.00
	<u>\$3,700.00</u>
Overhead, profit, contingency at 20%	740.00
	<u>\$4,440.00</u>

Estimated \$4,500.00

No additional labor costs will be incurred in operating the experiment.

*Based on metal building on concrete foundation, no floor, 8 windows, 1 door, no heat, and no cooling.

The Coordinator recommended this request be approved and the \$4,500.00 allocated for construction.

IT WAS MOVED BY ASSEMBLYMAN ERWIN, SECONDED BY ASSEMBLYMAN BELOTTI, THAT THE JOINT INTERIM COMMITTEE RECOMMEND THAT THE WILDLIFE CONSERVATION BOARD ALLOCATE \$4,500 TO THE DEPARTMENT OF FISH AND GAME FROM THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND FOR THE CONSTRUCTION OF EXPERIMENTAL EGG HATCHING FACILITIES AT MOJAVE HATCHERY, PROJECT NO. 39.

PASSED UNANIMOUSLY.

IT WAS MOVED BY MR. GORDON, SECONDED BY MR. SILVA, THAT \$4,500 BE ALLOCATED TO THE DEPARTMENT OF FISH AND GAME

FROM THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND FOR THE CONSTRUCTION OF EXPERIMENTAL EGG HATCHING FACILITIES AT MOJAVE HATCHERY, PROJECT NO. 39.

PASSED UNANIMOUSLY.

17. San Joaquin Hatchery, Project No. 19

When the Division of Architecture was completing estimates for this hatchery it appeared necessary to make certain adjustments in plans to balance the estimated cost of construction against the actual allocation made by the Board. In doing this the size of garage and storage space was decreased.

There is now a balance of funds and badly needed storage facilities could be constructed out of the remaining balance.

Statement of need

Primarily for fish management equipment such as tools, etc., for stream flow maintenance, and stream habitat improvement projects, seines, boats, and boat trailers, rotenone and other chemicals used in rehabilitation and plant control projects, also for various equipment assigned to the hatchery proper.

The request is for an extension of the existing garage to consist of two 20 foot bays, making a 40 x 40 foot extension. The cost is estimated not to exceed \$8,000 and is available out of the existing balance.

Owing to the broad language in the original allocations, it appears doubtful that additional Board action is necessary. Since the use of the expansion of the garage is to be for all general Region IV fish management as well as hatchery equipment, the item is presented with a recommendation it be authorized.

Members of the legislative advisory group considered the \$5.00 a foot cost for the expansion excessive, but the Department engineer stated that was the figure used for comparable Butler buildings and that it is not excessive in the present market.

IT WAS MOVED BY ASSEMBLYMAN BELOTTI, SECONDED BY ASSEMBLYMAN ERWIN, THAT THE JOINT INTERIM COMMITTEE RECOMMEND THE WILDLIFE CONSERVATION BOARD AUTHORIZE THE DEPARTMENT OF FISH AND GAME TO EXPAND THE GARAGE AT SAN JOAQUIN HATCHERY, PROJECT NO. 19, AND THAT THE COST BE DEFRAYED FROM A BALANCE OF FUNDS REMAINING FROM A PREVIOUS ALLOCATION.

PASSED UNANIMOUSLY.

IT WAS MOVED BY MR. GORDON, SECONDED BY MR. SILVA, THAT THE DEPARTMENT OF FISH AND GAME BE AUTHORIZED TO EXPAND THE GARAGE AT SAN JOAQUIN HATCHERY, PROJECT NO. 19, AND THAT THE COST BE DEFRAYED FROM A BALANCE OF FUNDS REMAINING FROM A PREVIOUS ALLOCATION.

PASSED UNANIMOUSLY.

18. Mt. Shasta Hatchery, Project No. 21

\$54,000.00

When the Mt. Shasta Hatchery was reconstructed in 1951, no provisions were made for broodstock ponds, because it was intended that the raising of broodstock at this hatchery would be discontinued, and be transferred to Darrah Springs Hatchery. It had been found that the cold water at Mt. Shasta Hatchery retarded the growth rate of the fish, and the adults would not mature and produce eggs until their third year.

Experiments conducted with the higher temperature waters at Darrah Springs Hatchery showed that mature fish were produced in from 20 to 24 months, and it appeared to be an ideal situation for rearing broodstock for egg production.

After three years of egg production at Darrah Springs, it was found that, due to higher water temperatures, the offspring from eggs produced at this location were of inferior quality.

In further experiments during the years 1952-53-54, selected eggs from broodstock at Mt. Shasta were taken to Darrah Springs for hatching and rearing until the fish were approximately 18 months old, when they were transferred back to the colder water at Mt. Shasta Hatchery and produced a crop of eggs at 22 to 24 months of age.

The eggs from these fish are reported to be, in all probability, the finest quality of any domestic strain in the world.

The combination of these two hatcheries for rearing and spawning broodstock is probably the finest of any yet found in the State.

Since no brood ponds are available at Mt. Shasta, it is necessary to hold the broodstock in the rearing ponds that are not suited for such purposes. This also reduces the number of ponds available for the production of catchables.

During the years of these experiments, a search has been made for additional locations and waters that might be used for broodstock rearing and egg production. Nothing has been found that would equal, in either efficiency or cost, the combined utilization of these two existing hatcheries.

As a result of these practical studies the Engineering Branch of the Department has developed a plan of brood ponds and handling facilities at Mt. Shasta Hatchery at an estimated cost of \$54,000.00.

Preliminary cost estimates are as follows:

NOTE: All prices are for material or items in place.

<u>Item</u>	<u>Amount</u>	<u>Unit Cost</u>	<u>Cost</u>
Pond Excavation (no site grading necessary)	$\frac{27' \times 4.5' \times 410'}{27} = 1843 \text{ c.y.}$	5.00	9210.00
Center Flume P.C.C. (sides)	$\frac{2(3.5)(0.5)(400)}{27} = 51.8 \text{ c.y.}$	100.00	5180.00
"(btm.) P.C.C.	$\frac{6(0.67)300}{27} = 44.5 \text{ c.y.}$	100.00	4450.00
Spawn Tank - Sides & Slab P.C.C.	$\frac{32(108)0.5}{27} = 64 \text{ c.y.}$	100.00	6400.00
Spawning House	20(25) = 500 sq. ft.	6.00	3000.00
Pond Check Steel	Say		300.00
Redwood 2 x 12	$\frac{2(300)(3)(2)}{1000} = 3.6 \text{ M.}$	500.00 (in place)	1800.00
RWD 6 x 6 post @ 5' C.C.	$\frac{2(60)(6)(3)}{1000} = 2.2 \text{ M.}$	500.00	1100.00
Pond Check Aprons P.C.C.	$\frac{4(4' \times 10' \times 0.5')}{27} = 3 \text{ c.y.}$	100.00	300.00
Inlet Structure	Say		2500.00
Miscellaneous Roadway Grading, Gravelling and Drainage structures			5000.00
			Subtotal \$39240.00
		Contingencies, O. H. & P. - 15%	5890.00
			\$45130.00
		Div. of Architecture Fee - 20%	8870.00
			TOTAL \$54000.00

This appears to be a well and carefully thought out solution to a problem that could not be anticipated, but actually developed. It will permit more efficient production of a fine strain of fish and improve the results of the catchable trout program in the northern part of the State.

The Coordinator recommended this request be granted.

Mr. Alex Calhoun further supported the request by stating that the ponds at Mt. Shasta are not suitable for the large broodstock fish. Also, he stated, the fish are held at the head of the chain of ponds and are liable to spread disease to the small fish at the lower end of the pond chain. The ponds now used for the broodstock fish must be utilized for rearing catchable trout.

IT WAS MOVED BY ASSEMBLYMAN ERWIN, SECONDED BY ASSEMBLYMAN BELOTTI, THAT THE JOINT INTERIM COMMITTEE RECOMMEND TO THE WILDLIFE CONSERVATION BOARD, THAT \$54,000 BE ALLOCATED TO THE DEPARTMENT OF FISH AND GAME FROM THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND FOR THE CONSTRUCTION OF BROODSTOCK PONDS AT MT. SHASTA HATCHERY, PROJECT NO. 21.

PASSED UNANIMOUSLY.

IT WAS MOVED BY MR. GORDON, SECONDED BY MR. SILVA, THAT \$54,000 BE ALLOCATED TO THE DEPARTMENT OF FISH AND GAME FROM THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND FOR THE CONSTRUCTION OF BROODSTOCK PONDS AT MT. SHASTA HATCHERY, PROJECT NO. 21.

PASSED UNANIMOUSLY.

19. Moccasin Creek Hatchery, Project No. 17 \$2,500.00

On June 29, 1954, the Board authorized the use of \$24,900 of previously allocated funds for the acquisition of tanker-trucks for Moccasin Creek Hatchery. One 1500 gallon tanker, complete, was authorized. All of the other tankers have been completed.

The 1500 gallon tanker was to be of the new insulated, refrigerated type. The Department constructed one such tanker using Department Support funds and operated it for over a year to determine and correct any weaknesses. The machine is now well-developed and bids were let for the one provided for in the above-mentioned allocation.

The low bid received exceeds the estimated cost by \$2,233.46.

The Board allocated a total of \$56,300 for Project No. 109, "Fish Planting Tankers" (State-wide). These tankers have all been secured and there is an unused balance of over \$2,500.

The Coordinator recommended that \$2,500 be transferred from Project No. 109 to Project No. 17 for the purpose of completing the one 1500-gallon tanker.

IT WAS MOVED BY ASSEMBLYMAN BELOTTI, SECONDED BY ASSEMBLYMAN LOWREY, THAT THE JOINT INTERIM COMMITTEE RECOMMEND TO THE BOARD, THAT \$2,500 BE TRANSFERRED FROM THE REMAINING BALANCE IN PROJECT NO. 109 (FISH PLANTING TANKERS, STATE-WIDE) TO PROJECT NO. 17 (MOCCASIN CREEK HATCHERY) TO COMPLETE THE ONE 1500 GALLON TANKER.

PASSED UNANIMOUSLY.

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IT WAS MOVED BY MR. GORDON, SECONDED BY MR. SILVA, THAT \$2,500 BE TRANSFERRED FROM THE REMAINING BALANCE IN PROJECT NO. 109 (FISH PLANTING TANKERS, STATEWIDE) TO PROJECT NO. 17 (MOCCASIN CREEK HATCHERY) TO COMPLETE THE ONE 1500 GALLON TANKER.

PASSED UNANIMOUSLY.

20. Construction of New Fish Sorting Devices for Fish Springs Hatchery, Project No. 37, and Black Rock Rearing Ponds, Project No. 36.

The Branch of Inland Fisheries, Department of Fish and Game, advise a new fish sorting device has been perfected that greatly increases the efficiency of such work and will make a considerable saving in man hours of labor and reduce costs.

The Department desires to construct such devices at various hatcheries, including Black Rock Rearing Ponds and Fish Springs Hatchery. Sufficient funds remain in the allocations for both of these installations for such construction. However, the remaining balances were specifically allocated for items other than equipment.

In order to meet the requirements of the Department of Finance, it is recommended that \$1,000 be transferred from the unallocated balance of funds to the equipment allocation at Fish Springs for this sorter.

Also, that \$1,000 be transferred from the balance for pond development to the equipment allocation for a similar sorter at Black Rock Rearing Ponds. This does not require allocation of additional funds.

It is further recommended that any unexpended balance of each of these \$1,000 authorizations be restored to the unallocated balances of each project for use in completing the original purpose or for recovery at a later date if not needed.

The legislative group recommended that such a request be included in the budget, but it was brought out by Mr. Anderson that the budget has already been printed and that unless it were amended at this session, a complete fiscal year would have elapsed before it could be purchased.

IT WAS MOVED BY ASSEMBLYMAN ERWIN, SECONDED BY ASSEMBLYMAN BELOTTI, THAT THE JOINT INTERIM COMMITTEE RECOMMEND THAT THE WILDLIFE CONSERVATION BOARD AUTHORIZE:

1. THE TRANSFER OF \$1,000 FROM THE UNALLOCATED BALANCE OF FUNDS TO THE EQUIPMENT FUNDS FOR THE FISH SPRINGS HATCHERY, PROJECT NO. 37, FOR A FISH SORTING DEVICE;
2. THE TRANSFER OF \$1,000 FROM THE BALANCE OF THE ALLOCATION FOR POND CONSTRUCTION TO AN EQUIPMENT FUND FOR THE CONSTRUCTION OF ONE FISH SORTING DEVICE AT BLACK ROCK REARING PONDS, PROJECT NO. 36; AND

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3. WHEN THESE DEVICES ARE COMPLETED AND THE TOTAL COST IS DETERMINED, ANY BALANCE OF THE \$1,000 FOR EACH HATCHERY BE RESTORED TO THE UNALLOCATED BALANCE OF EACH OF THE ABOVE PROJECTS.

AYES: SENATOR HULSE, ASSEMBLYMEN BELOTTI, ERWIN
NO: ASSEMBLYMAN LOWREY

IT WAS MOVED BY MR. GORDON, SECONDED BY MR. SILVA, THAT THE WILDLIFE CONSERVATION BOARD AUTHORIZE:

1. THE TRANSFER OF \$1,000 FROM THE UNALLOCATED BALANCE OF FUNDS TO THE EQUIPMENT FUNDS FOR THE FISH SPRINGS HATCHERY, PROJECT NO. 37, FOR A FISH SORTING DEVICE;

2. THE TRANSFER OF \$1,000 FROM THE BALANCE OF THE ALLOCATION FOR POND CONSTRUCTION TO AN EQUIPMENT FUND FOR THE CONSTRUCTION OF ONE FISH SORTING DEVICE AT BLACK ROCK REARING PONDS, PROJECT NO. 36; AND

3. WHEN THESE DEVICES ARE COMPLETED AND THE TOTAL COST IS DETERMINED, ANY BALANCE OF THE \$1,000 FOR EACH HATCHERY BE RESTORED TO THE UNALLOCATED BALANCE OF EACH OF THE ABOVE PROJECTS.

PASSED UNANIMOUSLY.

21. The Coordinator reported that the Department of Fish and Game have requested the following items be deleted from the 1956-57 fiscal year budget and be presented to the Wildlife Board for consideration. Some of these items are the types previously acceptable for use of Wildlife Restoration Funds and some are for additions to previously constructed Board projects.

Assemblyman Lowrey requested the Coordinator's recommendation on the projects outlined in the agenda. The Coordinator stated these items were put on the agenda at the last minute and he had not had ample time to study all the proposals, and, therefore, was not in a position to recommend either for or against most of the items. These items were added on the advice of the Department.

Mr. Gordon clarified the Department's standpoint in submitting these projects by stating that the Commission, in looking over the budget, felt these capital investment projects should come out of Wildlife Restoration Funds rather than from Fish and Game Preservation Funds when the latter funds were needed more for operating those facilities efficiently. It was also their feeling that should the Board not allocate funds for the items requested, the only recourse would be to take these items before the Legislature as a supplemental request.

a. Mojave Hatchery, Project No. 39 \$19,500.00

Wells #1 and #2 at the hatchery were drilled between 1920 and 1924 by bailer-type equipment, 250 feet deep with 12 inch casings, perforated by Mills knife process about 8 to 10 holes per foot, and sand-blown by compressed air. They were artesian flow most of their operation, except in very dry years, when a centrifugal booster pump was used for lifting water to higher land. Use of the wells was discontinued by the owners about 1932 and returned to service in 1946, at which time 15 H.P. electric pumps were installed with a capacity of 800 GPM. Since 1947 they have been in use by the State and were equipped with 20 H.P. electric pumps with stand-by engines. The flow has decreased by an estimated 25% in well #1 and 15% in well #2. Well #1 is badly sanded and is pumping sand into our main line.

Due to the condition of the wells we will be forced to repair them or drill new wells in the near future. Due to both age and condition, repair is not considered feasible nor justified financially. Even if these wells were repaired the combined discharge would not equal that of #3, #4 or the proposed new well. Should anything happen to either #3 or #4 to cause one of them to be down for any length of time, the remaining large well plus #1 and #2 could not produce enough water to sustain all of the 40 ponds if loaded to anything near capacity. The new well is insurance in case of trouble with #3 or #4 and would serve the same purpose should the station be expanded.

This well, if constructed, would fit in with the proposed plan for any additional expansion that may be desired in the future.

Assemblyman Erwin recommended this item be granted since expansion of this hatchery had originally been the recommendation of his committee.

IT WAS MOVED BY ASSEMBLYMAN ERWIN, SECONDED BY ASSEMBLYMAN BELOTTI, THAT THE JOINT INTERIM COMMITTEE RECOMMEND THAT THE WILDLIFE CONSERVATION BOARD ALLOCATE \$19,500.00 FROM THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND TO THE DEPARTMENT OF FISH AND GAME FOR THE DRILLING OF A NEW WELL AND PROVIDING A PUMP FOR MOJAVE HATCHERY, PROJECT NO. 39.

PASSED UNANIMOUSLY.

IT WAS MOVED BY MR. GORDON, SECONDED BY MR. SILVA, THAT \$19,500.00 FROM THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND BE ALLOCATED TO THE DEPARTMENT OF FISH AND GAME FOR THE DRILLING OF A NEW WELL AND PROVIDING A PUMP FOR MOJAVE HATCHERY, PROJECT NO. 39.

PASSED UNANIMOUSLY.

b. Hot Creek Hatchery, Project No. 34 \$19,800.00

Residence RV-30 is of patchwork frame construction and consists of 2 bedrooms, a combination kitchen-living room and washroom with shower stall, lavatory and washbasin. This building started out about 1934 as a 2-room temporary cabin to provide quarters during the initial testing operations of the Hot Creek Springs. During the 5-year period subsequent to 1934, running water was installed and an additional room and small porch were added. The building is poorly constructed, not insulated and extremely difficult to heat. Room arrangement is very poor and there is insufficient light and ventilation. The building does not justify any repair or alteration.

Hot Creek Hatchery has 15 permanent employees, 1 foreman, 2 fish hatchery men and 12 fish hatchery assistants. Present housing consists of: 7 two-bedroom pumice block houses; 2 two-bedroom frame houses; 3 three-bedroom frame houses; 2 bachelor quarters; and the two-bedroom frame residence RV-30. Including RV-30 and the two bachelor quarters, this makes a total of 15 permanent residences. RV-30 and the bachelor quarters below the water tower in Hatchery #1 building, cannot by any stretch of the imagination be classed as satisfactory living quarters. Monthly rental charges of \$16.25 are indicative of the quality.

The proposed duplex would provide suitable housing for permanent single employees or for couples. The present quarters pose a very real detriment to the employment of desirable type new employees.

c. Mt. Whitney Hatchery, Project No. 35 \$9,555.00

Approximately 8,000,000 rainbow eggs, 1,000,000 brown trout eggs, and an expected several hundred thousand golden trout eggs are spawned at this hatchery annually. The present spawning house was planned for the taking of less than one million eggs annually. The spawning house itself is small and inadequate for present operations and because of its location in relation to ponds, all fish spawned must be carried in buckets, nets, and a wheelbarrow tank to and from the spawning house.

Assemblyman Erwin approved allocations for the above two items as these two hatcheries had been named also for expansion.

Assemblyman Belotti voiced his approval of the above two items and added the following item for consideration also.

d. Fish Screens on Small Diversions, Project No. 119 \$15,000.00

This is a continuing program to provide screens on small diversions and to provide stream improvements to eliminate obstructions. New diversions are constructed each year for irrigation and must have screens to safeguard salmon and steelhead.

No locations are cited and the work at any point is minor, but would contribute a great deal to fish conservation at very small cost for operation and maintenance.

Mr. Calhoun advised that the maintenance of these fish screens would be a very nominal upkeep of the screens themselves, and in some cases, agreement for the maintenance of the screens could be made with the owners of the ditches.

IT WAS MOVED BY ASSEMBLYMAN ERWIN, SECONDED BY ASSEMBLYMAN BELOTTI, THAT THE JOINT INTERIM COMMITTEE RECOMMEND THAT THE WILDLIFE CONSERVATION BOARD ALLOCATE TO THE DEPARTMENT OF FISH AND GAME THE FOLLOWING FUNDS OUT OF THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND: \$19,800.00 FOR THE CONSTRUCTION OF A TWO-UNIT DUPLEX AT HOT CREEK HATCHERY, PROJECT NO. 34; \$9,555.00 FOR THE CONSTRUCTION OF A SPAWNING HOUSE AT MT. WHITNEY HATCHERY, PROJECT NO. 35; AND \$15,000.00 FOR FISH SCREENS ON SMALL DIVERSIONS, PROJECT NO. 119.

PASSED UNANIMOUSLY.

IT WAS MOVED BY MR. GORDON, SECONDED BY MR. SILVA, THAT THE WILDLIFE CONSERVATION BOARD ALLOCATE TO THE DEPARTMENT OF FISH AND GAME THE FOLLOWING FUNDS OUT OF THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND: \$19,800.00 FOR THE CONSTRUCTION OF A TWO-UNIT DUPLEX AT HOT CREEK HATCHERY, PROJECT NO. 34; \$9,555.00 FOR THE CONSTRUCTION OF A SPAWNING HOUSE AT MT. WHITNEY HATCHERY, PROJECT NO. 35; AND \$15,000.00 FOR FISH SCREENS ON SMALL DIVERSIONS, PROJECT NO. 119.

PASSED UNANIMOUSLY.

22. Salton Sea Fisheries Project, No. 108 \$35,000.00

The Board allocated \$40,520 April 16, 1953, for the first year's contract with the University of California at Los Angeles. The Board established a reserve of \$46,000 for two additional years. On June 9, 1955, the Board authorized \$32,000 from the reserve of \$46,000 to carry the work through June 30, 1956. This leaves a balance of \$14,000 in the reserve for this project.

During the inspection of the Salton Sea Project by the Assembly Interim Committee on Fish and Game on December 16, 1955, the Committee expressed a desire to continue the project and requested the Wildlife Board set up an additional allocation.

It was recommended by the Coordinator that the \$14,000 now in the reserve for this project be allocated for that use and that an additional \$21,000 be allocated from the unallocated balance of the Wildlife Restoration Fund to permit Dr. Boyd Walker of U.C.L.A. to continue this work through June 30, 1957.

Assemblyman Erwin stressed the Interim Committee's recommendation of this project.

IT WAS MOVED BY ASSEMBLYMAN ERWIN, SECONDED BY ASSEMBLYMAN LOWREY, THAT THE JOINT INTERIM COMMITTEE RECOMMEND THAT THE WILDLIFE CONSERVATION BOARD ALLOCATE \$14,000.00 FROM THE RESERVE FUND FOR THIS PROJECT AND \$21,000.00 FROM THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND TO THE DEPARTMENT OF FISH AND GAME FOR THE PURPOSE OF CONTINUING THE CONTRACT WITH THE UNIVERSITY OF CALIFORNIA IN LOS ANGELES (U.C.L.A.) THROUGH JUNE 30, 1957, FOR THE SALTON SEA FISHERIES PROJECT NO. 108.

PASSED UNANIMOUSLY.

IT WAS MOVED BY MR. GORDON, SECONDED BY MR. SILVA, THAT THE WILDLIFE CONSERVATION BOARD ALLOCATE \$14,000.00 FROM THE RESERVE FUND FOR THIS PROJECT AND \$21,000.00 FROM THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND TO THE DEPARTMENT OF FISH AND GAME FOR THE PURPOSE OF CONTINUING THE CONTRACT WITH THE UNIVERSITY OF CALIFORNIA IN LOS ANGELES (U.C.L.A.) THROUGH JUNE 30, 1957, FOR THE SALTON SEA FISHERIES PROJECT NO. 108.

PASSED UNANIMOUSLY.

23. Request for Board Policy on Continuing Requests from Department of Fish and Game

The Coordinator requested instructions from the Board with regard to the many requests and suggestions made by the Department, especially from Region V, with regard to additional facilities at various Wildlife Conservation Board and other installations. He suggested very thorough surveys be made, especially in Region V, for the over-all needs of the Region before any requests are considered.

Assemblyman Lowrey suggested that a means be sought to determine when and if certain hatcheries are completed so that the Wildlife Conservation Board responsibility for additional items of equipment can be ended. He stated he cannot reconcile continual returns by the Department for additional requests for items, especially of equipment.

Mr. Difani and Mr. Philpott, as sportsmen, suggested that a definite policy be adopted by the Board with regard to how, when, and where money would be spent. They felt fearful of voicing any criticism for most projects, and therefore strongly supported a definite Board policy.

IT WAS MOVED BY ASSEMBLYMAN ERWIN, SECONDED BY ASSEMBLYMAN BELOTTI, AS A JOINT MOTION, THAT THE WILDLIFE CONSERVATION BOARD REQUEST THE COORDINATOR TO DRAFT A SUGGESTED FORM OF BOARD POLICY ON THE FUTURE USE OF WILDLIFE RESTORATION FUND

AND THAT THIS ITEM BE CONSIDERED AT THE NEXT MEETING.

PASSED UNANIMOUSLY.

24. Plans and Cost Estimates for Fish Screens, Project No. 120 \$6,000.00

The Department of Fish and Game have studied fish losses at various diversions and request that \$6,000 be allotted for use by the Division of Architecture for plans and cost estimates at the following locations:

1. Woodbridge Canal
2. Hallwood Canal (Yuba River)
3. Banta-Carbona Canal

The Coordinator recommended this fund be granted.

IT WAS MOVED BY ASSEMBLYMAN LOWREY, SECONDED BY ASSEMBLYMAN ERWIN, THAT THE JOINT INTERIM COMMITTEE RECOMMEND THAT THE WILDLIFE CONSERVATION BOARD ALLOCATE \$6,000.00 TO THE DEPARTMENT OF FISH AND GAME FROM THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND TO CONTRACT WITH THE DIVISION OF ARCHITECTURE FOR PLANS AND COST ESTIMATES FOR FISH SCREENS ON WOODBRIDGE CANAL, HALLWOOD CANAL (YUBA RIVER), AND THE BANTA-CARBONA CANAL.

PASSED UNANIMOUSLY.

IT WAS MOVED BY MR. GORDON, SECONDED BY MR. SILVA, THAT THE WILDLIFE CONSERVATION BOARD ALLOCATE \$6,000.00 TO THE DEPARTMENT OF FISH AND GAME FROM THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND TO CONTRACT WITH THE DIVISION OF ARCHITECTURE FOR PLANS AND COST ESTIMATES FOR FISH SCREENS ON THE WOODBRIDGE CANAL, HALLWOOD CANAL, (YUBA RIVER), AND THE BANTA-CARBONA CANAL.

PASSED UNANIMOUSLY.

25. Lower Durham-Mutual Diversion Dam Fish Ladder, Project No. 118 \$2,400.00

Studies by the Department indicate the need for a fish ladder at this point on Butte Creek where the dam is a complete barrier to salmon at certain flows.

This appears highly desirable and the request for \$2,400.00 by the Department was recommended by the Coordinator.

IT WAS MOVED BY ASSEMBLYMAN LOWREY, SECONDED BY ASSEMBLYMAN ERWIN, THAT THE JOINT INTERIM COMMITTEE RECOMMEND THAT THE WILDLIFE CONSERVATION BOARD ALLOCATE \$2,400.00 TO THE DEPARTMENT OF FISH AND GAME FROM THE UNALLOCATED BALANCE OF THE

WILDLIFE RESTORATION FUND TO CONSTRUCT A FISH LADDER AT THE LOWER DURHAM-MUTUAL DIVERSION DAM ON BUTTE CREEK, PROJECT NO. 118.

PASSED UNANIMOUSLY.

IT WAS MOVED BY MR. GORDON, SECONDED BY MR. SILVA, THAT THE WILDLIFE CONSERVATION BOARD ALLOCATE \$2,400.00 TO THE DEPARTMENT OF FISH AND GAME FROM THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND TO CONSTRUCT A FISH LADDER AT THE LOWER DURHAM-MUTUAL DIVERSION DAM ON BUTTE CREEK, PROJECT NO. 118.

PASSED UNANIMOUSLY.

26. Balances Available for Recovery \$7,532.26

Mr. Horn reported that the accounts of the following projects have been closed, the work completed, and recommended the following balances be recovered.

<u>Project No.</u>	<u>Title</u>	<u>Balance for Recovery</u>
72	Ramer Lake Public Fishing Area	\$6,391.50
58	San Diego County Flow Maintenance Program	174.96
561	Sheepy Ridge Waterfowl Public Shooting Area	<u>965.80</u>
TOTAL		\$7,532.26

IT WAS MOVED BY ASSEMBLYMAN LOWREY, SECONDED BY ASSEMBLYMAN ERWIN, THAT THE JOINT INTERIM COMMITTEE RECOMMEND THAT THE WILDLIFE CONSERVATION BOARD RECOVER THE UNUSED BALANCES FROM THE FOLLOWING PROJECTS AND RESTORE THESE SUMS TO THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND.

Project No. 72,	Ramer Lake Public Fishing Area	\$6,391.50
" "	58, San Diego County Flow Maint. Prog.	174.96
" "	561, Sheepy Ridge Waterfowl Pub. Shoot. Area	<u>965.80</u>
		\$7,532.26

FURTHER, THAT THE \$4,608.50 EXPENDED OUT OF THE "LOAN" OF \$11,000.00 GRANTED BY THE BOARD ON NOVEMBER 29, 1954, NOW BE RECORDED ON THE MINUTES AS AN "ALLOCATION" TO RAMER LAKE PUBLIC FISHING AREA, PROJECT NO. 72.

PASSED UNANIMOUSLY.

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IT WAS MOVED BY MR. GORDON, SECONDED BY MR. SILVA, THAT THE WILDLIFE CONSERVATION BOARD RECOVER THE UNUSED BALANCES FROM THE FOLLOWING PROJECTS AND RESTORE THESE SUMS TO THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND.

Project No. 72, Ramer Lake Public Fishing Area	\$6,391.50
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PASSED UNANIMOUSLY.

Mr. Silva, Chairman of the Wildlife Conservation Board, explained that this is the last time he would serve on the Board because his term as President of the Fish and Game Commission will expire on January 15. He expressed his thanks and appreciation for being able to work with the members of the Board and the legislative group. He stated he has enjoyed the work immensely and he can now look back with pride to some of the things accomplished.

27. Resolution Regarding Chairman William J. Silva

The following resolution was unanimously adopted by all members of the Wildlife Conservation Board and the Joint Interim Committee.

WHEREAS, The Honorable William J. Silva has served as a member of the Fish and Game Commission for the past twelve years; and

WHEREAS, During this time Mr. Silva has been Chairman of the Wildlife Conservation Board for a period of four terms; and

WHEREAS, Mr. Silva, from his innate interest in fish and game and his desire for the improvement of fish and game for his fellow men, has given unstintingly of his time and energy for this long period; and

WHEREAS, Mr. Silva has fulfilled his duties as a member of the Wildlife Conservation Board and as its chairman beyond the call of duty and at times to the detriment of his well-being; and

WHEREAS, Through his wealth of knowledge and experience as a businessman, administrator and sportsman has rendered invaluable counsel and guidance in the formation, development and execution of the policies and projects of the Wildlife Conservation Board; and

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WHEREAS, Mr. Silva, while continuing as a member of the Fish and Game Commission, is retiring as chairman of the Wildlife Conservation Board;

NOW, THEREFORE BE IT RESOLVED, That we, the members of the Wildlife Conservation Board and the Joint Interim Committee, convey to Mr. Silva our sincere gratitude for his outstanding contributions to the cause of conservation and the development of fish and game, and express the sincere hope that in his present capacity he may continue for many years to assist the State of California with its fish and game and other conservation programs and activities; and be it further

RESOLVED, That these resolutions be made a part of the permanent record of the proceedings of this body and a copy thereof be delivered to the Honorable William J. Silva.

There being no further business, the meeting adjourned at 5:50 p.m.

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Status of allocations and unobligated balance as of January 5, 1956, Board action.

The amount allocated to specific projects up to the close of the meeting on January 5, 1956, aggregated \$12,023,284.07.

a. Fish Hatchery and Stocking Projects		\$4,474,216.65
b. Warmwater and Other Fish Projects		805,578.15
1. Warmwater Projects	\$657,058.15	
2. Other Fish Projects	148,520.00	
c. Flow Maintenance and Stream Improvement Projects . .		675,465.28
d. Screen and Ladder Projects		280,087.22
e. State Game Farms		105,644.49
f. Other Upland Game Projects		416,530.84
g. Waterfowl Management Projects		5,159,160.13
h. General Projects		81,601.31
Total Allocated to Specific Projects		<u>\$11,998,284.07</u>

Special Project Allocation

Project Evaluation, Property Acquisition and Engrg. Studies		25,000.00
		<u>\$12,023,284.07</u>

In addition to the specific allocations above, the following reserves have been established:

1. Colorado River Recreational Development	\$50,000.00
2. Warmwater Fisheries Projects	75,000.00
Total Reserves	<u>\$125,000.00</u>

Operating Costs: FY 47/48 thru 54/55 Actual	\$279,747.00
" 55/56 Estimated	59,338.00
" 56/57 Estimated	<u>67,271.00</u>
Total - Actual & Estimated Operating Costs	\$406,356.00

Recapitulation:

Allocations for Projects	\$11,998,284.07
Special Project Allocation	25,000.00
Reserves Established	125,000.00
Expenses of Operation	406,356.00
Total Expended or Obligated	<u>\$12,554,640.07</u>
 Total Fund Appropriated	 \$12,000,000.00
Approp. available thru 55/56 FY	750,000.00
Int. on Surplus Money Invest. thru 54/55 FY	113,486.21
Total Sum Available	<u>\$12,863,486.21</u>
Total Expended or Obligated	<u>12,554,640.07</u>
 Unallocated Balance as of 1/5/56	 \$308,846.14