

WILDLIFE CONSERVATION BOARD  
STATE OF CALIFORNIA  
MINUTES, MEETING OF MARCH 24, 1955

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WILDLIFE CONSERVATION BOARD  
STATE OF CALIFORNIA  
MINUTES, MEETING OF MARCH 24, 1955

Pursuant to the call of the Chairman, the Wildlife Conservation Board met in Room 5100, State Capitol, Sacramento, California, on March 24, 1955. The meeting was called to order by Acting Chairman Seth Gordon at 1:40 p.m. (Chairman William J. Silva was unavoidably delayed.)

1. Roll Call

<u>PRESENT:</u> William J. Silva	Chairman
John M. Peirce	Member of the Board
Seth Gordon	" " " "
Senator Ed. C. Johnson	Joint Interim Committee
Senator Charles Brown	" " "
Senator Ben Hulse	" " "
Assemblyman Thomas M. Erwin	" " "
Assemblyman Lloyd W. Lowrey	" " "
Assemblyman Frank P. Belotti	" " "
Everett E. Horn	Wildlife Projects Coordinator

OTHERS PRESENT:

W. T. Shannon	Department of Fish and Game
Alex Calhoun	" " " "
Earl Leitritz	" " " "
Robert Macklin	" " " "
Wallace C. Dry	" " " "
Richard S. Croker	" " " "
Ben Glading	" " " "
Robert D. Montgomery	" " " "
Earl Macklin	" " " "
W. La Marr	" " " "
E. C. Fullerton	" " " "
R. D. Calkins	" " " "
John B. Cowan	" " " "
J. B. Kimsey	" " " "
Wm. Carah	" " " "
C. O. Elliger	Division of Architecture
Wm. J. Harp	Assist. to F & G Commission
G. W. Philpott	Sportsman's Council of Central Calif.
Larry Norman	L.A. Rec. & Park Commission
A. M. Hill	Bur. of R/W & Land, Dept. of Public Works, City of L.A.
Assemblyman Jack Schrade	80th Assembly District
C. H. Bohrmann	Waterfowl Area Advisory Comm.
Ernest E. Hatch	" " "
Otis H. Vanderford	Gridley
George Hendrix	"

George D. Difani  
 Harry Grafe  
 Donald P. Loker  
 Herbert C. Davis  
 Chas. R. Carry  
 Ralph E. Swing  
 Assemblyman Vincent Thomas  
 Paul Beermann  
 Rudy Hickey  
 Tom Maloney

Calif. Wildlife Federation  
 Senate Interim Comm. on F & G  
 6th District Agri. Assn.  
 Izaak Walton League  
 Calif. Fish Cannery Assn.  
 Mecca  
 68th Assembly District  
 San Diego Water Department  
 Sacramento Bee  
 Willows Sportsmen's Assn.

## 2. Approval of the Minutes

The Coordinator requested that the "Status of Funds" as shown on page 22 of the published minutes of the November 29, 1954, meeting be changed to reflect the figures as shown on the agenda. These figures are correct to the penny and coincide with the control books in the Accounting Section.

IT WAS MOVED BY MR. PEIRCE, SECONDED BY MR. GORDON, THAT READING OF THE MINUTES OF THE WILDLIFE CONSERVATION BOARD MEETING OF NOVEMBER 29, 1954, BE DISPENSED WITH AND THE MINUTES APPROVED AS AMENDED.

PASSED UNANIMOUSLY.

## 3. Status of Funds

Mr. Horn reported to the Board that as of the beginning of this meeting, there was an unallocated balance of \$416,834.82. The amount allocated to specific projects up to the close of the meeting of November 29, 1954, is as follows:

a. Fish Hatchery and Stocking Projects (19) . . . . .	\$4,488,949.98
b. Warmwater and Other Fish Projects (10) . . . . .	323,334.87
1. Warmwater Projects (7) . . . . .	\$241,814.87
2. Other Fish Projects (3) . . . . .	81,520.00
c. Flow Maintenance and Stream Improvement Projects (12). . . . .	626,929.47
d. Screen and Ladder Projects (12) . . . . .	375,186.56
e. State Game Farms (4) . . . . .	105,644.49
f. Other Upland Game Projects (4) . . . . .	440,908.71
g. Waterfowl Management Projects (8) . . . . .	4,673,215.79
h. General Projects (4) . . . . .	73,976.31
Total Allocated . . . . .	\$11,108,146.18

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

1. Mendocino National Forest Stream Improvement and Flow Maintenance Program . . . . .	\$15,000.00
2. Colorado River Recreational Development . . . . .	50,000.00
3. Salton Sea Fisheries Project . . . . .	46,000.00
Total Reserves . . . . .	\$111,000.00

Operating costs for the Board are:

FY 47/48 thru 50/51	Actual	\$129,152.00
51/52	"	37,348.00
52/53	"	37,435.00
53/54	"	38,475.00
*54/55	Estimated (Subject to Accounting Adjustments)	59,009.00
**55/56	Proposed (Subject to Legislative Action)	62,600.00

Total - Actual, Estimated and Proposed \$364,019.00

\* There will be an accounting adjustment of this fund that may reduce the sum.

\*\* Proposed in present budget, subject to legislative action and later to accounting adjustment.

#### Recapitulation

Allocations for Projects	\$11,108,146.18
Reserves Established	111,000.00
Expenses of Operation	364,019.00
Total	\$11,583,165.18
Total Fund Appropriated	\$12,000,000.00
Total Expended or Obligated	11,583,165.18
Unallocated Balance	\$416,834.82

#### 4. Coordinator's Report on Status of Projects and Funds

Acting Chairman Seth Gordon then requested Mr. Horn to present his report on the status of projects and funds which will have a bearing on future Board action with regard to projects to be considered.

Funds from the first two appropriations from the State's percentage of pari-mutuel tax are largely allocated.

The Board in its early deliberations decided that the most urgent needs of the Department of Fish and Game centered around waterfowl and catchable trout. Consistent with this determination, a program for California's fish and game was developed, and presently \$9,162,165.77 has been allocated to these two phases of the Department's responsibility. While all of the projects have not been completed, most are nearly finished, and these two activities brought to an all-time high level.

Two other phases -- Game Farms and Other Upland Game -- have been cared for up to present demands.

While other categories of the Department's work was not neglected, they have not received as much stress.

Stream Flow Maintenance and Improvement has received good attention and excellent results are being secured by the Department from funds allocated



by the Board for such use. Systematic surveys are now underway by the Department using Dingell-Johnson funds and are pointing out more clearly the total need for additional work State-wide.

In the next few years, additional sums for stream flow maintenance and improvement should be available for additional work. Regulation of stream flow to provide adequate water to sustain fish life during the dry periods of the year is paying large dividends.

Stream clearance, the creation of fish ladders, has made available many miles of spawning beds. More remains to be done in this direction and additional funds could be judiciously expended in that direction.

Development of access to areas not now available to sportsmen could provide a vastly increased area for recreational use. It may be easier to discuss than to accomplish -- but should be done.

Coastal Angling Access, long an accepted project, has not produced the anticipated results. Only 5 of the 13 coastal counties have agreed to operate and maintain such projects if acquired and constructed. Land owners, blocking access to the coast, have not fallen over themselves to make right of ways and parking areas available by sale or lease agreement. Asking prices for these lands are high and but few willing sales are available. In some instances the price asked for a willing sale is so far above the appraisal value that negotiation is out of the question. No one wants to condemn, and there are resolutions by farm organizations and by legislators against condemnation of farm lands for such uses.

To some extent a similar reaction has been met in attempting to purchase or lease lands for warmwater fishing lakes and for access across private property to government-owned game lands. Every effort should now be made to negotiate as many accesses as possible, and then it will be necessary to decide what course would be in the best public interest.

Warmwater fisheries, never stressed in past programs of California fish and game, might well receive major attention for the allocation of remaining funds.

#### Coordinator's Recommendations

The following suggestions are presented for whatever consideration they may warrant.

#### Hatcheries and Catchable Trout

Presently authorized hatcheries should be completed and brought to full production. No new ones are suggested until the present catchable program has had an opportunity to function for a few years, and it is clearly determined where additional fish are needed, where they can be most economically produced, and in what numbers. Costs of distribution and improved methods of distribution should be carefully evaluated.

Then, and only then, does it seem justifiable to expend additional monies for new hatcheries.

## Waterfowl Management Areas

The seven key waterfowl management areas have already been reduced to four. It is extremely doubtful if any more areas will ever be required in the Sacramento Valley.

In all probability one more area is advisable in the Upper San Joaquin Valley, and some development for waterfowl and upland game would be desirable along the Lower Colorado River to replace habitat lost through control of the flow of that stream. Perhaps the State of California would be fully justified in seeking a small area on the Colorado.

For the balance of the State it is strongly urged that necessary changes be made in either State or Federal laws so that the Fish and Wildlife Service can expend funds for the acquisition and development of waterfowl management areas (not inviolate refuges) and then insist that such Federal areas be established.

The State of California has already more than met its portion of an agreed plan of waterfowl management, and correction should be made to enable the Federal government to meet its pledged responsibilities. California should not shoulder the major portion of the burden.

There is still the necessity of providing funds for the adequate development of the Lower Butte Creek and the Mendota Waterfowl Management Areas. Now that they are largely acquired, it would seem to be the part of wisdom to bring all areas to the desired state of production, and then California will have met its obligation for perpetuating the Pacific Flyway for a considerable period of years.

## Warmwater Fish

Warmwater fisheries in past years received small consideration in the State program. It is now much in demand and justly so.

Many waters, throughout the lower foothill of the valley areas, are now lost to most if not all uses. Winter runoff from these areas passes down the streams and out to the ocean. Many of these waters could be impounded behind low dams and thereby create excellent fishing waters. Dredger areas and oxbows along the Sacramento and lower San Joaquin and their tributaries likewise offer excellent possibilities.

It is recommended that \$200,000 be reserved for this program.

In order to unscramble some of the problems of water use and hydraulics, we are negotiating with the Division of Water Resources for the loan of one of their men for this work. His qualifications are unique. His present duties are those of an hydrographer, but he was also trained in Wildlife Management and did considerable work on warmwater fish in the Midwest. It is hoped that personnel regulations will not prevent his transfer to the Board staff.

## Wildlife Protection

With the increase in human population and attendant demands for more hunting and fishing, the problem of enforcement becomes increasingly important.

Governor Knight recognized this need and very wisely suggested a remedy in his Budget Message to the current legislature, funds for 78 more wardens with necessary supervision and equipment.

One of the present needs of Wildlife Protection is more adequate field communication. One item on today's agenda recognizes this need and suggests an allocation of funds to augment present budget monies so that this important arm of the program is not handicapped.

#### Other Activities for Current Funds

In the closing of this program, if additional funds are not provided, there are bound to be demands for far more projects than can be financed from existing balances. If the above discussed projects can be financed, and any funds remain, they could well be used for stream improvement and flow maintenance.

#### 5. Funds for Recovery

(Chairman Silva took over the meeting at this point.)

- a. The Coordinator recommended the recovery of the following funds which are available from completed projects:

<u>Project No.</u>	<u>Name</u>	<u>For Recovery</u>
110	Dallas-Warner Warmwater Fishing Area Allocation \$8,000 - cost \$2,749.69	\$5,250.31
44-9	Battle Creek Fish Screen Allocation \$10,000 - cost \$9,408.09	591.91
9	Deer Creek Falls Fish Ladder Allocation \$30,000 - cost \$10,022.44	19,977.56
554	Quail Habitat Development Allocation \$375,000 - cost \$350,622.13	24,377.87
82	Dry Lake Level Maintenance Allocation \$4,500 - cost \$4,318.36	181.64
93	Twin Lakes Level Maintenance Allocation \$10,000 - cost \$3,955.89	6,044.11
555	Lake Earl Waterfowl Mgmt. Area Allocation \$5,000 - cost \$4,910.14	89.86
	Total for Recovery	\$56,513.26

Mr. Gordon informed Senator Hulse that although Project No. 554, Quail Habitat Development, is closed and the funds recommended for recovery, the Department is carrying on the program through Fish and Game and Pittman-Robertson funds.



Assemblyman Belotti referred to the \$56,000 savings made and wished to know the principal reason for such savings. It was difficult to conceive such savings could be realized because allocations for these projects were based on preliminary estimates submitted with the projects. Mr. Horn and Mr. Gordon both gave credit to the Department's Branch of Engineering who prepared the specifications, put out bids, and got the required job done for less than the amounts set up. In some cases, it was pointed out, the Branch of Engineering was able to devise a more simple means for consummating a given project, as in the case of the Deer Creek Falls Fish Ladder.

IT WAS MOVED BY MR. PEIRCE, SECONDED BY MR. GORDON, AS A JOINT MOTION, THAT THE UNUSED BALANCES FROM THE VARIOUS COMPLETED PROJECTS TOTTALLING \$56,513.26 BE RECOVERED AND RESTORED TO THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND.

PASSED UNANIMOUSLY.

#### b. Cancellation of Projects

Owing to the state of finances, Mr. Horn suggested the following projects be cancelled and the balance of funds recovered. The two suggested for cancellation denote projects which do not justify the expenditure or are not engineeringly feasible. The utilization of the funds recovered would then be available for other more suitable projects.

(1) Coachella Valley Public Fishing Area, Project No. 74 \$30,689.28

This project was authorized January 26, 1950 and \$32,500 was allocated for five fishing lakes east of Indio. Engineering surveys by the Division of Water Resources produced cost estimates of \$293,512.50 for two lakes. Further survey by the Department of Fish and Game Branch of Engineering confirmed these estimates and added \$184,000 for two more of the proposed ponds, a total of \$477,512.50 for part of the proposed project.

The values to be derived from these ponds would not justify an expenditure of \$477,512.50 and it was recommended this project be cancelled and the unexpended balance of \$30,689.28 be returned to the Wildlife Restoration Fund.

(2) Mendocino National Forest Stream Improvement and Flow Maintenance, Project No. 12 \$15,000.00

This project was terminated on October 1, 1952, by Board action taken August 24, 1952. The Board recovered a balance of \$201.85 on October 13, 1953. The reserve of \$15,000 was left intact.

Since the project was closed and balance of funds recovered, it was recommended the reserve of \$15,000 be restored to the Wildlife Restoration Fund for reallocation to warmwater fish projects.

IT WAS MOVED BY SENATOR HULSE, SECONDED BY SENATOR JOHNSON, THAT THE JOINT INTERIM COMMITTEE RECOMMEND THE CANCELLATION OF THE COACHELLA VALLEY PUBLIC FISHING AREA, PROJECT NO. 74, AND THE MENDOCINO NATIONAL FOREST STREAM IMPROVEMENT AND FLOW MAINTENANCE, PROJECT NO. 12, AND THE SUM OF \$45,689.28 BE RECOVERED AND RESTORED TO THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND.

PASSED UNANIMOUSLY.

IT WAS MOVED BY MR. GORDON, SECONDED BY MR. PEIRCE, THAT THE COACHELLA VALLEY PUBLIC FISHING AREA, PROJECT NO. 74, AND THE MENDOCINO NATIONAL FOREST STREAM IMPROVEMENT AND FLOW MAINTENANCE, PROJECT NO. 12, BE CANCELLED AND THE SUM OF \$45,689.28 BE RECOVERED AND RESTORED TO THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND.

PASSED UNANIMOUSLY.

### c. Withdrawal of Allocations

#### (1) Glenn-Colusa Canal Fish Screens, Project No. 43 \$95,000.00

The Board allocated \$100,000 on December 13, 1949, for this project. Studies of the best type of screen have gone on ever since, and decision held pending outcome of the Tracy Pumping Plant experiments. On December 28, 1954, Division of Architecture submitted cost estimates for two schemes of \$556,000 and \$618,000 respectively. No agreement has yet been worked out with Glenn-Colusa Irrigation District. The plans for the Tracy Pumping Plant screens cannot yet be applied to this canal. Fisheries biologists advise that present losses of fish through this diversion are now lower than in past years due to present control of Sacramento River water.

Since the problem has not been resolved and probably will not be during the next couple of years, it was recommended that \$95,000 be recovered and returned to the Wildlife Restoration Fund without prejudice to the project. A small additional amount will be available for recovery when returned from the Division of Architecture.

Mr. Horn recommended that the studies of fish losses and needs for the screen be continued.

IT WAS MOVED BY ASSEMBLYMAN LOWREY, SECONDED BY ASSEMBLYMAN BELOTTI, THAT THE JOINT INTERIM COMMITTEE RECOMMEND THE WITHDRAWAL OF \$95,000 ALLOCATED TO THE GLENN-COLUSA CANAL FISH SCREENS, PROJECT NO. 43, AND RESTORE IT TO THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND WITHOUT PREJUDICE TO THE PROJECT.

PASSED UNANIMOUSLY.

#### (2) American River Fish Hatchery, Project No. 103 \$28,500.00

The Board allocated \$40,000 on August 24, 1952, for land purchase. The Bureau of Reclamation is furnishing the land. The Board authorized



\$10,000 of this fund for construction of an enlarged outlet pipe and pipe line from the Nimbus Dam to hatchery site.

Since no land purchase is necessary and the proposed hatchery is held pending full production of Moccasin Creek and San Joaquin Hatcheries, it was recommended \$28,500 be recovered and returned to the Wildlife Restoration Fund without prejudice to the project.

IT WAS MOVED BY ASSEMBLYMAN BELOTTI, SECONDED BY ASSEMBLYMAN ERWIN THAT THE JOINT INTERIM COMMITTEE RECOMMEND THE WITHDRAWAL OF \$28,500 ALLOCATED TO THE AMERICAN RIVER FISH HATCHERY, PROJECT NO. 103, AND RESTORE IT TO THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND WITHOUT PREJUDICE TO THE PROJECT.

PASSED UNANIMOUSLY.

IT WAS MOVED BY MR. GORDON, SECONDED BY MR. PEIRCE, THAT \$95,000 ALLOCATED TO THE GLENN-COLUSA CANAL FISH SCREENS PROJECT NO. 43, AND \$28,500 ALLOCATED TO THE AMERICAN RIVER FISH HATCHERY, PROJECT NO. 103, BE WITHDRAWN AND RESTORE THE TOTAL SUM OF \$123,500 TO THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND WITHOUT PREJUDICE TO THE PROJECTS.

PASSED UNANIMOUSLY.

(3) San Gabriel Hatchery, Project No. 40 \$193,674.37

The Wildlife Conservation Board allocated \$227,000 on December 13, 1949, for this hatchery. 3.76 acres of land was purchased. Difficulties arose over water rights and the plan could not be consummated. An extensive search for another hatchery site in southern California failed to reveal one. Surveys and plans for fullest possible development of Hot Creek, Fish Springs, Black Rock, and Mojave Hatcheries and master plans for development have been made. Additional funds have been allocated for further expansion of Hot Creek, Black Rock, and Mojave Hatcheries. The increased production is to be used to meet southern California needs.

The Coordinator suggested that present hatcheries be brought into full production and then the catchable trout program be fully evaluated to determine additional needs and most economical means of meeting such needs. Presently the Department of Fish and Game does not have funds for operation of another hatchery.

The Coordinator recommended the balance of \$193,674.37 be withdrawn without prejudice to the project and returned to the Wildlife Restoration Fund.

<u>Whittier Narrows Warmwater Fishing Lake, Project No. 114</u>	<u>\$50,000.00</u>
<u>Region V Hatchery Expansion, Project No. 115</u>	<u>\$4,000.00</u>

Assemblyman Erwin pointed out that the San Gabriel Hatchery project was included as an item in the legislative budget act in 1943. A small pilot plant of about eight ponds was put into operation and it was discovered that the trout grew faster in these than in any other waters in California. Construction of the Whittier Narrows Dam started and the Department was advised to seek a new location because litigation might be instituted by water users of that area.

Mr. Erwin stated that an artificial lake of 200 surface acres will be created by the dam and could be used for spiny rayed fish, but at present there are no facilities to stock such a recreational area. (Note: This would be stocked from the Los Serranos Warmwater Fisheries Management Station.)

Assemblyman Lowrey inquired if any information was available on such a lake.

Assemblyman Erwin replied that the Federal Government owns the land and it will be leased either to the County or the State and funds will be sought for that purpose.

In answer to the Chairman's request for a suggestion as to what the Board could do with the money now allocated to the San Gabriel Hatchery, Assemblyman Erwin proposed leaving \$25,000 for the Whittier Narrows Dam project because funds will be needed for brood stock and other items to assist in building the lake. He definitely thought the lake behind the Dam would be a good warmwater fishing area.

Mr. Gordon called upon Mr. Calhoun for his suggestions. Mr. Calhoun reported that Region V employees are working along with the recreation department of Los Angeles County for the development of this area.

Senator Ralph E. Swing observed that the southern part of California has got a short cut of the Wildlife Board funds although that is not a fault of the Board. He requested the Board's consideration in turning over the money now allocated to San Gabriel to the Mojave Hatchery at Victorville. He did not feel that the Mojave Hatchery was expanded to the fullest capacity.

IT WAS MOVED BY ASSEMBLYMAN ERWIN, SECONDED BY ASSEMBLYMAN LOWREY, THAT \$50,000 OUT OF THE ALLOCATION FOR THE SAN GABRIEL HATCHERY BE USED FOR THE DEVELOPMENT OF THE LAKE AT THE WHITTIER NARROWS DAM AND THAT THE BALANCE OF \$143,674.37 BE RE-ALLOCATED TO HOT CREEK, FISH SPRINGS, BLACK ROCK, AND MOJAVE HATCHERIES FOR FURTHER EXPANSION.

Mr. Horn was requested by Senator Hulse to give his recommendations on this motion. Mr. Horn called attention to his earlier recommendations of no more expenditures until after the catchable trout program had been in operation for a couple of years and further needs were clearly defined. Full operation of the completed hatcheries would point out quite clearly any need for expanded production.

He also stated that the Board had received considerable criticism from sportsmen's groups for the expenditure of large sums for the catchable trout program.

Mr. George Difani of the California Wildlife Federation stated the criticism of the catchable trout program by sportsmen comes mainly from those interested in ocean fishing. The sportsmen feel a bigger return of their license dollar will be had by stream flow maintenance projects. Although no figures are available, the sportsmen feel the catchable program is costing a lot more money than is paid for by their license dollar, and suggested a trout stamp to take care of not only maintenance and operation but other uses as well.

Assemblyman Lowrey expressed the thought that a study should be made again even though one was made five years ago of the catchable trout program.

IT WAS MOVED BY ASSEMBLYMAN ERWIN, SECONDED BY ASSEMBLYMAN LOWREY, THAT THE JOINT INTERIM COMMITTEE RECOMMEND \$50,000 OF THE \$193,674.37 ALLOCATED TO THE SAN GABRIEL HATCHERY BE USED FOR A SPINY-RAY PROGRAM IN THE WHITTIER NARROWS AND \$2,000 OUT OF THE \$50,000 BE USED FOR ENGINEERING STUDIES AS TO THE FEASIBILITY OF THE PROJECT.

PASSED UNANIMOUSLY.

IT WAS MOVED BY MR. PEIRCE, SECONDED BY MR. GORDON, THAT \$50,000 OUT OF THE \$193,674.37 ALLOCATED TO THE SAN GABRIEL HATCHERY BE USED FOR A SPINY-RAY PROGRAM IN THE WHITTIER NARROWS AND \$2,000 OUT OF THE \$50,000 BE USED FOR ENGINEERING STUDIES AS TO THE FEASIBILITY OF THE PROJECT.

PASSED UNANIMOUSLY.

Mr. Silva raised the question as to the disposition of the balance of the fund originally allocated to the San Gabriel Hatchery. He stated that he had no objection to re-allocating the money for an expansion of other hatcheries when suitable surveys show such expansion is necessary. Since funds are getting low, Mr. Silva felt it might be establishing a bad precedent to allocate funds for projects that have not been studied and placed before the Board.

Mr. Lowrey suggested that the funds be earmarked for southern California and if the surveys show that hatchery expansion is desirable, then allocate whatever fund is necessary.

Mr. Erwin stated he would go along with the recommendation of the Executive Officer of the Board.

The following amended motion was then made.

IT WAS MOVED BY ASSEMBLYMAN ERWIN, SECONDED BY ASSEMBLYMAN LOWREY, THAT \$50,000 OF THE \$193,674.37 ALLOCATED TO THE SAN GABRIEL HATCHERY BE USED FOR A SPINY-RAY PROGRAM IN THE WHITTIER-NARROWS AND THAT \$2,000 OUT OF THE \$50,000 BE USED FOR ENGINEERING STUDIES AS TO THE FEASIBILITY OF THIS PROJECT AND THAT NOT MORE THAN \$4,000 OF THE BALANCE OF THE FUND BE USED FOR ENGINEERING STUDIES AS TO THE FEASIBILITY OF EXPANDING HOT CREEK, FISH SPRINGS, BLACK ROCK, AND MOJAVE HATCHERIES AND THAT THE BOARD BE NOTIFIED OF THE RESULTS OF THIS STUDY.

PASSED UNANIMOUSLY.

IT WAS MOVED BY MR. PEIRCE, SECONDED BY MR. GORDON, THAT \$50,000 OF THE \$193,674.37 ALLOCATED TO THE SAN GABRIEL HATCHERY BE USED FOR A SPINY-RAY PROGRAM IN THE WHITTIER NARROWS AND THAT \$2,000 OUT OF THE \$50,000 BE USED FOR ENGINEERING STUDIES AS TO THE FEASIBILITY OF THIS PROJECT



AND THAT NOT MORE THAN \$4,000 OF THE BALANCE OF THE FUND BE USED FOR ENGINEERING STUDIES AS TO THE FEASIBILITY OF EXPANDING HOT CREEK, FISH SPRINGS, BLACK ROCK, AND MOJAVE HATCHERIES AND THAT THE BOARD BE NOTIFIED OF THE RESULTS OF THIS STUDY.

PASSED UNANIMOUSLY.

Mr. Silva then instructed the Coordinator to make the survey and report back to the Board.

NOTE: While Mr. Erwin moved and Mr. Lowrey seconded a motion "that the balance of \$143,674.37 be reallocated to Hot Creek, Fish Springs, Black Rock, and Mojave Hatcheries for further expansion", no vote was recorded.

The last motion allocates not more than \$4,000 for studies of the feasibility of expanding the four hatcheries. Thus, until further Board action, the balance of \$139,674.37 will be held tentatively for further hatchery expansion or for disposition by the Board at a subsequent meeting and the San Gabriel Hatchery Project No. 40 will be closed on the books.

(Assemblyman Lowrey requested leave at this time and urged that \$200,000 be reserved for warmwater fish which would be in addition to the \$38,400 for Los Serranos and \$100,000 for the San Diego City Warmwater Reservoirs project.)

6. San Diego City Reservoir Warmwater Fishing Areas, Project No. 113 \$100,000.00

The Coordinator reported that the City of San Diego has presented a rather unique proposal for development of additional of its reservoirs for warmwater fishing and general recreational use. They request a Board allocation upon a matching basis. The City would, and insist upon, defraying all costs of operation and maintenance, hence the Department of Fish and Game would not expend one red cent for future operations. The Water Department of San Diego City has worked out a plan that has received the approval of the State and County Health Departments for the proposed use of these reservoirs.

Values to be derived: The City of San Diego recognized the need for such recreational development in 1913 and after acquiring the Cottonwood-Otay water impounding system, opened Lower Otay Reservoir to hunting and fishing. As other impoundments became available, they were opened to such use as conditions permitted.

During 1954 fishermen caught 625,250 fish from reservoirs that are open to fishing, an average of almost 6 per angling day.

Preliminary examination of the plan indicates that about 500,000 to 750,000 angling days can be provided at a cost to the Board of about 14¢ to 21¢ per day.

This places the San Diego Reservoir system as the most productive warmwater group in California and very high on the nation-wide list.

The cost per surface acre of fishable water would be from \$140 to \$310 based upon the area of maximum and minimum pools.

The City of San Diego has \$76,000 in its current budget that will be spent in further development of these reservoirs. Mr. Paul Beermann, Director, Water Department, City of San Diego, feels certain the City would make the balance of \$24,000 available by July 1, 1955. If the requested sum of \$100,000 were allocated by the Board as a matching fund, only \$76,000 of the \$100,000 from the Wildlife Restoration Fund would be available until the City budgeted the additional \$24,000.

Before State funds could be expended it will be necessary to complete an agreement with the City of San Diego that meets the Attorney General's Opinion 53/119 dated June 9, 1953, setting forth that the State have "some interest therein". This is now being explored with City of San Diego officials, and an agreement is being developed.

The Coordinator suggested the \$100,000 be allocated for this proposal, but that the fund not be expended until a use agreement is developed between the City of San Diego and the State that meets the approval of the Department of Finance and the Attorney General. He pointed out that Mr. Paul Beermann from the City of San Diego was here to further explain and request funds for the project.

Mr. Paul Beermann of the San Diego Water Department announced the City's plans for the opening up of El Capitan and Sutherland Reservoirs and the re-establishment of Hodges Reservoirs and further stated that the City definitely will make an additional \$24,000 available, thus matching the State's \$100,000 for the three fishing areas. The operation and maintenance of these projects is to be taken care of by the City of San Diego.

In reply to Mr. Gordon's question with regard to legal difficulties in the use agreement, Mr. Horn replied that any agreement requires approval by the Department of Finance, but could see nothing in the agreement that would entail legal difficulties.

Mr. George Difani expressed the appreciation of the sportsmen to the City and County of San Diego for providing fishing in their reservoirs. He felt that this is a means of coping with an ever increasing problem -- that of providing recreational facilities for the increasing population. He expressed hope that the County of Los Angeles would follow San Diego's example by providing additional recreation in such a manner. He requested everyone's support of the project.

Mr. Erwin spoke in favor of the proposal.

IT WAS MOVED BY MR. GORDON, SECONDED BY MR. PEIRCE, AS A JOINT MOTION, THAT THE BOARD ALLOCATE THE SUM OF \$100,000 OUT OF THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND, WHICH SUM IS TO BE MATCHED BY THE CITY OF SAN DIEGO, FOR THE ESTABLISHMENT OF WARMWATER FISHING AREAS IN THE SAN DIEGO RESERVOIRS.

PASSED UNANIMOUSLY.

7. Cedar Creek Hatchery, Project No. 29 \$15,400.00

The Division of Architecture reported difficulty in constructing the dam at Cedar Creek that resulted in an expenditure of \$15,400 in excess of



the fund allocated for construction of the hatchery.

A bad fault was encountered at the dam site originally selected, and it was necessary to move to another location on the stream after considerable exploratory work had been done.

Mr. Horn announced that Mr. C. O. Elliger of the Division of Architecture was present and would explain the necessity for additional funds.

IT WAS MOVED BY SENATOR HULSE, SECONDED BY SENATOR JOHNSON, THAT THE JOINT INTERIM COMMITTEE RECOMMEND THAT \$15,400 OUT OF THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND BE ALLOCATED TO THE CEDAR CREEK HATCHERY, PROJECT NO. 29, TO MEET THE NECESSARY ADDITIONAL EXPENDITURE TO COMPLETE THE PROJECT.

PASSED UNANIMOUSLY.

IT WAS MOVED BY MR. PEIRCE, SECONDED BY MR. GORDON, THAT \$15,400 OUT OF THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND BE ALLOCATED TO THE CEDAR CREEK HATCHERY, PROJECT NO. 29, TO MEET THE NECESSARY ADDITIONAL EXPENDITURE TO COMPLETE THE PROJECT.

PASSED UNANIMOUSLY.

8. Lindo Lake Public Fishing Area, Project No. 77 \$4,500.00

The Coordinator explained that the Board allocated \$11,000 on January 26, 1950, and \$8,000 on November 28, 1951, (total \$19,000) for drilling wells and deepening the lake. The fund was made available to the Department of Public Works, San Diego County, to do the work. When it was found that one well would not produce sufficient water to maintain the desired level, two more were drilled with the \$8,000 allocated November 28, 1951.

After several years of operation the lake is still unsatisfactory and does not accomplish its intended purpose.

Detailed study has been given this project by the San Diego County Department of Public Works, the Department of Fish and Game, Federated Sportsmen of San Diego County, Commissioner Harley Knox, and the Coordinator of the Wildlife Conservation Board. The findings have been:

1. The three wells do not produce sufficient water to offset evaporation, transpiration, and seepage.
2. The San Diego Department of Public Works is of the opinion seepage accounts for part of the loss.
3. Water is available by purchase from the Water Authority and arrangements for transportation through existing systems has been made. The La Mesa - Lemon Grove - Spring Valley Board of Directors voted to waive the usual \$5.00 carrying charge for water delivered through their system.

4. The County Board of Supervisors agree to purchase the necessary water and maintain the lake in the future if the action suggested in this proposal is approved by the Board.

As it now stands, the Lindo Lake project is a complete loss. Studies mentioned give excellent promise that the project can be made to function by the following work.

1. Compact the lake bed.
2. Install water outlet control on the La Mesa - Spring Valley pipe at the lake shore.
3. Fill and maintain the lake by purchase of water.

Cost estimates are:

1. Compaction	\$2,500
2. Meter, valves and pipe	725
3. Purchase of water	<u>1,275</u>
	\$4,500

The Board is requested by the Board of Supervisors to defray the cost of initial filling, and the County will then purchase water to maintain the desired level.

In order that the nearly \$19,000 already invested in this project will not be lost, Mr. Horn recommended the \$4,500 necessary to complete the job be granted.

IT WAS MOVED BY ASSEMBLYMAN ERWIN, SECONDED BY SENATOR HUISE, THAT THE JOINT INTERIM COMMITTEE RECOMMEND \$4,500 OUT OF THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND BE ALLOCATED FOR THE CONSUMPTION OF THE LINDO LAKE PUBLIC FISHING AREA, PROJECT NO. 77.

PASSED UNANIMOUSLY.

IT WAS MOVED BY MR. GORDON, SECONDED BY MR. PEIRCE, THAT \$4,500 OUT OF THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND BE ALLOCATED FOR THE CONSUMPTION OF THE LINDO LAKE PUBLIC FISHING AREA, PROJECT NO. 77.

PASSED UNANIMOUSLY.

9. Los Serranos Warmwater Fisheries Management Station, Project No. 112

\$38,400.00

The Department of Fish and Game has presented a request for an allocation to construct a warmwater fisheries management station and holding ponds at the Los Serranos Game Farm near Chino upon State-owned land now under the jurisdiction of the Department of Fish and Game.

This station would also serve as headquarters for all inland fisheries work in southern California, including the 5 permanent employees and from 3 to 10 seasonal aids now working out of the San Gabriel (Sotow) Station.

The ponds requested are for holding of rescued warmwater fish that are sorted and planted in existing fishing waters. Work with such forage species as threadfin shad, etc., could be more efficiently and economically carried on there.

Need for: The importance of the warmwater fishery to the densely populated areas of southern California may be illustrated as follows. There are six major warmwater lakes in the Los Angeles area and 12 in the San Diego area, each of which has an average area of 500 - 750 surface acres depending upon water conditions. In addition, there are approximately 2 dozen smaller waters open to public fishing. The fishing intensity on these waters can be illustrated from the angling records for the San Diego City reservoirs. During the three open days of the seven day period ending July 5, 1953, a total of 6,669 fishermen caught 38,015 warmwater fish weighing a total of 13,879 pounds. During these three open days the average daily use on the San Diego City lakes alone was approximately 2,223 anglers per day and the catch was over two tons per day. The importance of the warmwater fishery in this area can be further illustrated by the following data for Hodges Reservoir. During the period of April 1 to July 19, 1953, a total of 19,261 fishing permits were sold for this reservoir and the combined catch of bass, crappie, catfish, and bluegill totaled 149,516 fish with an aggregate weight of 56,248 pounds. During this period the reservoir was open to anglers only on Wednesdays, Saturdays, Sundays and holidays.

Inland fisheries work in southern California is now widely scattered. The Sotow property, purchased for the proposed San Gabriel Hatchery and found to be unsatisfactory for hatchery purposes because of water conditions, is presently used for warmwater fish work. It is a very poor substitute for adequate holding ponds. This (Sotow) property is to be sold by the State and we understand the proceeds will be returned to the Wildlife Restoration Fund.

Studies made: This project has been studied intensively and detailed engineering plans made. The Division of Water Resources conducted a study of the water conditions, submitted a report and advise that a 16 inch well with gravel envelop drilled to a depth of 350 feet should provide water at the required rate of 1,000 gallons per minute for 33 hours of continuous pumping.

The Department of Fish and Game conducted experiments holding fish in these waters and found them to be satisfactory.

Requested facilities and costs are:

- |   |              |
|---|--------------|
| 1 - Building 20' x 150' - to provide office, storage for equipment, net drying facilities, small work room and laboratory | \$12,000     |
| <b>Ponds</b>  | <b>2,000</b> |
| 2 - 80' x 160' Depth - 5'   |              |
| 2 - 60' x 120' " - 5'   |              |
| 4 - 20' x 50' " - 4'  |              |
| The latter are fish handling and sorting ponds.   |              |
| 1 - Well and Pump   | 8,000        |



Piping	\$3,000
6 Outlet Structures @ \$1,000	6,000
Miscellaneous Equipment	1,000
	<hr/>
	\$32,000
Overhead & Profit 20%	6,400
	<hr/>
Total Requested	\$38,400

Mr. Horn stated that the Division of Water Resources gives every indication that there is sufficient water for the operation of this project. He recommended the requested sum be granted.

IT WAS MOVED BY SENATOR HULSE, SECONDED BY SENATOR JOHNSON, THAT THE JOINT INTERIM COMMITTEE RECOMMEND TO THE BOARD THAT \$38,400 OUT OF THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND BE ALLOCATED TO THE LOS SERRANOS WARMWATER FISHERIES MANAGEMENT STATION, PROJECT NO. 112.

PASSED UNANIMOUSLY.

IT WAS MOVED BY MR. GORDON, SECONDED BY MR. PEIRCE, THAT \$38,400 OUT OF THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND BE ALLOCATED TO THE LOS SERRANOS WARMWATER FISHERIES MANAGEMENT STATION, PROJECT NO. 112.

PASSED UNANIMOUSLY.

#### 10. Lower Butte Creek Waterfowl Management Area, Project No. 548 \$15,000.00

Mr. Horn explained that this was a request for funds to complete development of the project and that details of the development work have been furnished all members for their information.

Mr. Gordon requested Mr. Lawrence Cloyd to explain the details of this request. Mr. Cloyd explained the proposed plan of development, including seven wells, eight or nine pumps, creation of a drainage system and construction of drainage and supply ditches. At the time of the June 29, 1954, meeting, a question was raised as to the availability of ground water for irrigation purposes. Subsequently, tests were made of existing wells and pumps by the Pacific Gas and Electric Company and by a drilling company. The results of these tests were given. With the use of a map, Mr. Cloyd pointed out the wells proposed and the wells which are to be enlarged, and the proposed plan for the ditches necessary for the irrigation of crops and for ponding. John Cowan provided additional information on the gallonage produced by the existing wells at present.

The question of availability of water through the Feather River Project was brought up by Senator Johnson.

In regard to objections of farmers in the vicinity of the waterfowl area, it was mentioned that the area around Pennington was having difficulty with a lowering of the water table.

Mr. Ernest E. Hatch of Gridley, who with his mother farm approximately 1100 acres, some of which adjoins Gray Lodge, voiced his opinion of the plan presented by the Department. He was interested in the project and seeing it furthered, provided it was done with prudence in spending. He felt the project as outlined is an over-ambitious one with complete disregard of anything exploratory. He felt that the possibility of the area receiving water from the Biggs-West Gridley Water Company has not been fully explored. Some of this area had certain water rights which should be investigated, but in the event the request should be denied, then, he stated, a few wells advantageously placed utilizing the slope of the area would better serve the purpose. He stated that drainage is essential and that some of the ditches shown should be dug, but pointed out that a savings of \$3,000 could be made by the use of an existing facility rather than the one shown which would require a culvert. He questioned the need for an allocation of \$5,000 for remodeling the Hulen house and felt that not more than \$1500 should be expended for the repair of the Fairlee house. The survey for the boundary line was also questioned. He concluded they were anxious to see the thing move ahead, but that it should be done in an exploratory way.

Assemblyman Lowrey made a motion that an appropriation of \$10,000 or \$15,000 be set up to have the irrigation department of the University of California in conjunction with the Advisory Committee make a study of the proposal and get specific recommendations since there seems to be a conflict in the proposal as now set up.

Mr. Robert Montgomery asked that Mr. George Hendrix who has farmed on all of the subject area be allowed to speak before any definite action is taken on it.

Mr. George Hendrix recounted that he has irrigated most of the lands under discussion at one time or another. He thought the three pumps on the Hulen property are very necessary at the present time to assure a fresh water supply when there is not sufficient water available from the Sutter-Butte Irrigation District.

Mr. Hendrix pointed out that all of the area does not have and has never had surface water rights established, either by Sutter-Butte facilities or otherwise; he felt it essential that application for water be made and all possible effort put forth to get water allocated from Feather River to establish a water right.

In answer to Mr. Silva's question as to setting up some safety factor if that project were utilized to assure water at needed times, Mr. Hendrix stated that pumps numbered 5, 6, and 7 would be essential in that they are on high ground and the water can be transported to any other areas. He pointed out which pumps would be necessary for immediate operation to make the project worthwhile.

It was the consensus of opinion that the Board must have a study made of the proposed plan to make certain the Board is doing the right thing in allocating the funds requested.

IT WAS MOVED BY ASSEMBLYMAN LOWREY, SECONDED BY SENATOR HULSE, THAT THE JOINT INTERIM COMMITTEE RECOMMEND THAT \$15,000 BE ALLOCATED FROM THE UNALLOCATED BALANCE OF THE



WILDLIFE RESTORATION FUND TO HAVE SUITABLY QUALIFIED ENGINEERS FROM THE STAFF OF THE UNIVERSITY OF CALIFORNIA OR OTHER SOURCES MAKE AN INDEPENDENT SURVEY AND MAKE A COMPLETE REPORT OF THEIR FINDINGS FOR THE DEVELOPMENT OF THE LOWER BUTTE CREEK WATERFOWL MANAGEMENT AREA, PROJECT NO. 548, ANY UNUSED BALANCE OF WHICH IS TO REVERT TO THE WILDLIFE RESTORATION FUND.

PASSED UNANIMOUSLY.

IT WAS MOVED BY MR. PEIRCE, SECONDED BY MR. GORDON, THAT \$15,000 BE ALLOCATED FROM THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND TO HAVE SUITABLY QUALIFIED ENGINEERS FROM THE STAFF OF THE UNIVERSITY OF CALIFORNIA OR OTHER SOURCES MAKE AN INDEPENDENT SURVEY AND MAKE A COMPLETE REPORT OF THEIR FINDINGS FOR THE DEVELOPMENT OF THE LOWER BUTTE CREEK WATERFOWL MANAGEMENT AREA, PROJECT NO. 548, ANY UNUSED BALANCE OF WHICH IS TO REVERT TO THE WILDLIFE RESTORATION FUND.

PASSED UNANIMOUSLY.

11. Suggested Waterfowl Resting Ponds, North End Salton Sea

Senator Ralph Swing took the floor and requested the Board's attention to a project that needs investigation now to prepare for the time when it will actually be necessary. He felt that if the full purpose of the waterfowl feeding program is to be realized, a resting place for waterfowl must be established at the north end of Salton Sea in the Coachella Valley. He stated that there now is nothing that could be called a resting pond for the ducks that stop there. He would like to have someone designated to make an investigation and determine the feasibility and necessity for establishing such a resting place. It was pointed out that there are Indian lands available suitable for ponding and that water for ponding could be secured from artesian wells and the Coachella Water District waste water.

The Chairman instructed Mr. Horn to make the investigation of resting ponds on the north end of the Salton Sea, using such facilities as are available to him, and report back to the Board.

12. Warmwater Fisheries Projects

\$200,000.00

At this point Mr. George Philpott reported that the status of funds shows \$469,237.36 unallocated. Mr. Horn reminded everyone there will be approximately \$300,000 more that may be recovered from other projects that are being completed or should be cancelled.

IT WAS MOVED BY ASSEMBLYMAN LOWREY, SECONDED BY SENATOR JOHNSON, THAT THE JOINT INTERIM COMMITTEE RECOMMEND THE SUM OF \$200,000 OUT OF THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND BE SET UP AS A RESERVE FOR WARMWATER FISHERIES PROJECTS.

PASSED UNANIMOUSLY. (They were the only members of the Joint Interim Committee left.)

IT WAS MOVED BY MR. PEIRCE, SECONDED BY MR. GORDON, THAT THE SUM OF \$200,000 OUT OF THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND BE SET UP AS A RESERVE FOR WARMWATER FISHERIES PROJECTS.

PASSED UNANIMOUSLY.

Mr. Philpott stated the sportsmen of Central California are very much interested in the warmwater fish program and requested consideration be given them on this program.

13. Bixby Slough Public Fishing Area, Project No. 83

Mr. A. M. Hill, Assistant Director of Bureau of Right of Way and Land, Department of Public Works of the City of Los Angeles, recounted that there were four conditions that were to be met before the Board could release the \$100,000 allocated for the Bixby Slough project.

1. The City of Los Angeles was to maintain a prescribed water level for the lake - this was agreed upon with certain provisions in case of drought.
2. The open dump is to be discontinued and the City will buy this area and further that the permit for this dump was annulled as of December 31, 1954.
3. A flood control system is under construction by the Los Angeles Flood Control District which would meet the requirements for impounding water to elevation plus 15 feet and a spillway to retard impoundment at elevation 22 feet.
4. The City approved purchasing of a portion of the Bixby Slough by the State which would be within the \$100,000 allocation. A condemnation action has been filed by the City wherein all privately-owned property within the perimeter except parcel 6 and 6A which will be inundated at plus 15 feet will be purchased by the City. This will provide ingress and egress to the proposed fishing area. The City has had an appraisal made of the entire property and the appraisals are considered reasonable. Mr. Hill suggested that if the State were in a position, they should cause their own appraisal to be made to justify the expenditure.

Mr. Horn stated the Board's action to date provided \$100,000 for the purchase of about 130 acres of land in the inundated portion of the lake area. Further, the City of Los Angeles, through Mr. George Hjelte, Director, Department of Recreation and Parks provided written statements from various Departments of the City showing that the four conditions set forth by the Board had been met. Mr. Hjelte appeared before the Board at its October 13, 1953, meeting and upon his testimony the allocation for land purchase was made.

Mr. Horn further stated that there has been considerable misunderstanding with regard to the long delay in the consummation of the project. At one time Mr. Hill felt that an operation agreement could not be prepared under the existing code and that additional legislation would be required. It appeared that the City desired discretionary powers over the area.

Mr. Ralph Scott, Deputy Attorney General, has written the Department that as long as an operating agreement does not give discretionary powers to the operating agency, the agreement would be within the intent of the law. The Department is working with the Department of Finance to develop such an agreement. The fund of \$100,000 has been available since October 15, 1953.

Mr. Herbert Davis of the San Pedro Izaak Walton League announced that his chapter of the League was the instigator of the Bixby Slough project and it was strictly for a fishing lake to correct the conditions which caused the death of children by drowning. The position of the Izaak Walton League is to have it maintained primarily as a fishing area -- no boats other than rowboats or canoes should be allowed.

Mr. Gordon remarked that the City of Los Angeles is to operate the fishing area under an agreement and has the right to grant concessions which are consistent with the agreement and wondered if the Department of Finance would approve that procedure. Mr. Peirce replied that such a procedure is followed by many agencies and pointed out the Division of Beaches and Parks as one. Their only interest is to see that the program is maintained in a manner that is legal and protects the State's interest in the property.

Mr. Horn related that Mr. Hill has discussed the operating agreement with Mr. Anderson and Mr. Heinzer and they are trying to work up an agreement which would give the City administrative but not discretionary powers.

Mr. Hill contended that the delay was occasioned by the fact that the City was bound by a charter which prohibits executing a lease in perpetuity.

It was pointed out that there is no provision in the Fish and Game Code for such a lease and the only alternative was an operating agreement.

Mr. Gordon pointed out that water skiing has been proposed for the area. Such use would be wholly incompatible with the fishing program for which the area was intended. Item 5 of the agreement presented by Mr. Hill should be amended to disallow use of motor boats except for administrative purposes.

Mr. Hill agreed that it could be inserted but that since the agreement was formally approved by his Board, he could not change it now. He mentioned that there are other parts of the recreational area which are not covered by the agreement and that it might be necessary to put in a dam to keep motor boats from operating in the fishing lake. He further indicated that Mr. Hjelte, General Manager of the Department of Recreation and Parks, has assured him an admission fee will not be charged children.

Assemblyman Vincent Thomas commented that this project has been before the Board since 1949 and there have been many rumors and articles in the newspapers with regard to the State's disinterest in completing the project. Although the State is putting up only \$100,000, it has a great deal more interest in the project, especially since Fish and Game is going to stock the lake. He hoped the agreement could be worked up into one satisfactory to all and the project completed. Mr. Horn was commended for his efforts in behalf of the project.



Mr. Harry Anderson contended that since the City charter only allows a six months lease which the State cannot approve, this point should be resolved as soon as possible as it might require legislation. Vincent Thomas hoped it could be worked out without legislation, but that if it became necessary, he would exert his energies to having such legislation passed.

It was agreed that there was no policy question at this time and therefore the details of the agreement should be worked out between the City of Los Angeles and the State.

Mr. Silva instructed Mr. Horn to work with Mr. Heinzer and the City of Los Angeles on the operating agreement and if it is such that it can be approved by both the City and the State, Mr. Horn was authorized to take options for the parcels to be acquired and present it for the Board's approval at the next meeting.

14. Fish Planting Tankers, Project No. 109. \$30,300.00

The Coordinator reported that the new San Joaquin Hatchery is reaching such a point of completion that provision for planting equipment is essential at an early date.

The Board had instructed the Coordinator, in cooperation with the Department, to make an overall survey of the catchable trout program to suggest the course of action to be taken. An overall survey of the planting program and needs has been made. From this, the total requirement for planting tankers has been made. Redistribution, State-wide of all tankers is outlined in a report prepared by Bob Macklin of the Inland Fisheries Branch. From this analysis it was determined that the following equipment will complete the requirements for all W.C.B. provided hatcheries.

Total Planting Equipment needed:

9	-	150 gal. tankers and trucks @ \$1,800	\$16,200
3	-	500 gal. tankers and trucks @ \$4,700	<u>14,100</u>
		Total	\$30,300

In order to bring the present hatchery program to an efficient workable basis the Coordinator recommended the item be granted.

Senator Johnson who was the only member of the Joint Interim Committee present at the time also recommended the project.

IT WAS MOVED BY MR. GORDON, SECONDED BY MR. SILVA, THAT \$30,300 OUT OF THE UNALLOCATED BALANCE OF THE WILDLIFE RESTORATION FUND BE ALLOCATED FOR THE FISH PLANTING TANKERS, PROJECT NO. 109, FOR THE PURCHASE OF NINE 150 GALLON AND THREE 500 GALLON TANKERS AND TRUCKS.

PASSED UNANIMOUSLY.

Mr. Horn added that in conjunction with the survey, there is a need for a study of fish distribution tankers, use of drugs, etc. The Department can assign a man to conduct the work but there is a need for some equipment,

if such a study is to be undertaken. Mr. Silva instructed Mr. Horn to bring in such a request for consideration by the Board.

15. State-wide Radio System for Wildlife Protection Branch

The Department of Fish and Game has presented a request for an allocation of funds to permit a complete State-wide radio system for the Wildlife Protection Branch.

Statement of Need: At the present time there is coordinated use in California of Forestry Conservation radio frequencies by the Division of Forestry and the Department of Fish and Game. There is also a sharing of some frequencies with other agencies, such as the L. A. Flood Control District and the Urban Transit Radio Service.

The Division of Forestry - Fish and Game arrangement was organized several years ago at a time when radio use by Fish and Game was of an extremely limited nature. Interference as a result of dual use of the radio circuits was, at that time, of such a small degree that it could be tolerated. However, during the past few years both of the agencies mentioned have experienced extensive radio growth, with over 1800 units of these agencies operating on these frequencies.

Due to the overlapping of fire and game seasons, areas of coverage, difference in supervisory districts and areas not covered by the present Forestry System, interference problems have substantially multiplied. Some action to eliminate these problems is necessary in order that each agency be provided with interference free radio communication. The Federal Communications Commission also has informed us that we are presently operating on a frequency assigned to only fire fighting agencies, thereby questioning the legality of our use of these frequencies, and has refused to issue any more licenses on these frequencies.

By a rearrangement of frequencies already assigned to California Forestry Conservation use, it would be possible to separate the radio communications of the two agencies concerned. There are two frequencies not so restricted by the Federal Communications Commission that we may use. They are 31.26 mc and 171.475 mc. The Division of Forestry has agreed to relinquish use of these frequencies, thereby allowing the Fish and Game exclusive use State-wide of these frequencies. By allowing the Department of Fish and Game to establish its own system, it would improve the efficiency of the wardens in the field by giving them rapid communication between themselves, to the office and to their supervisors. It would also allow the patrol cars, boats and planes to work as a team.

The necessary power and space for our equipment is available at the locations listed for mobile relays on a lease basis. This radio system would consist of 23 mobile relay stations, 22 base stations and 237 mobile units.

Such a system is badly needed and would increase the efficiency of this important branch of the Department's work. Making the change State-wide at one time would eliminate much of the confusion and inefficiency that would result from a piecemeal change, and because of the larger volume of purchase at one time would permit getting a lower price and save a considerable sum for the State-wide system.

If AB 1378 passes the current legislature, some 78 new wardens would be added to the Department force, thus throwing an extra burden upon the already over-taxed facilities jointly used by the Division of Forestry and the Department of Fish and Game. Radio equipment for these additional wardens would be provided from the fund mentioned in AB 1378 and not from this request.

Estimated cost of change over . . . . . \$219,000

Estimated Salvage from present radios \$20,000

Fund in current Budget for radios 26,848

Fund requested in 1955-56 Budget 36,170

Total now available to Department . . . . . 83,018

Balance required . . . . . \$135,982

Members of the Wildlife Conservation Board requested that this item be deferred since the majority of the legislative committee were called out of the meeting. It was further noted that Assemblyman Lowrey had expressed objection to the allocation of funds for the radio system.

This item was deferred by the Chairman. He commented that such a system is necessary regardless of whatever method is adopted to set it up. He asked that arrangements be made by the Department to tie in this communication system with the sheriff's office as the average citizen generally calls the sheriff's office in reporting violations of the Fish and Game Code.

Mr. E. C. Fullerton of the Wildlife Protection Branch reported that such arrangements have already been made in the plan.

Messrs. George Difani and Tom Maloney both felt that this item should be requested from the general fund or set up in the regular budget instead of using the small balance left in the wildlife fund.

It was brought out that immediate action must be taken if this item is to be submitted as an augmentation of the regular budget which is being considered now.

There being no further business, the meeting adjourned at 5:37 p.m.



Status of allocations and unobligated balance as of March 24, 1955, Board action.

The amount allocated to specific projects up to the close of the meeting on March 24, 1955, aggregated \$10,961,369.27, made up as follows:

a.	Fish Hatchery and Stocking Projects (18)	..\$4,316,475.61
b.	Warmwater and Other Fish Projects (12)	480,295.28
1.	Warmwater Projects (9)	\$398,775.28
2.	Other Fish Projects (3)	81,520.00
c.	Flow Maintenance and Stream Improvement Projects (12)	620,703.72
d.	Screen and Ladder Projects (11)	259,617.09
e.	State Game Farms (4)	105,644.49
f.	Other Upland Game Projects (4)	416,530.84
g.	Waterfowl Management Projects (7)	4,688,125.93
h.	General Projects (4)	<u>73,976.31</u>

Total Allocated . . . . . \$10,961,369.27

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	46,000.00
3.	Warmwater Fisheries Projects	200,000.00
4.	Region V Hatcheries Expansion	<u>139,674.37</u>

Total Reserves . . . . . \$435,674.37

Recapitulation

Allocations for Projects	\$10,961,369.27
Reserves Established	435,674.37
Expenses of Operation	<u>364,019.00</u>
Total	\$11,761,062.64
Total Fund Appropriated	\$12,000,000.00
Total Expended or Obligated	<u>11,761,062.64</u>
Unallocated Balance	\$ 238,937.36