

MINUTES OF
ARKANSAS RIVER COMPACT ADMINISTRATION

ANNUAL MEETING

December 10, 1957

Court House
Lamar, Colorado

Attendance:

For Colorado:

David Jenkins, Las Animas
Hacket Smartt, Lamar
Ivan C. Crawford, Denver

For Kansas:

Logan N. Green, Vice Chairman, Garden City
Carl E. Bentrup, Deerfield
R. V. Smrha, Topeka

For the United States:

Carl G. Paulsen, Washington, D. C.

Secretary:

Harry C. Nevius, Lamar, Colorado

Others Attending:

F. C. Snyder	Div. Engr. Div. #2	Pueblo, Colo.
Arthur C. Gordon	Ft. Lyon Canal Co.	Lamar, Colo.
Vance D. Herzog	Ft. Lyon Canal Co.	Las Animas, Colo.
J. M. Barrett	Bureau of Reclamation	Pueblo, Colo.
C. E. Keliher	U.S.G.S.	Lamar, Colo.
Lloyd A. Hershey	U.S.G.S.	Denver, Colo.
John T. Martin	Corps of Engineers	Albuquerque, N. M.
Robt. A. Buckhagen	Corps of Engineers, John Martin Dam	Caddoa, Colo.
Robt. R. Elliott	Colo. Game & Fish Dept.	Colo. Spgs., Colo.
Guy M. Vincent	Kansas Water Resources	Garden City, Kans.
Robert S. Crites	Colorado Legislature	Las Animas, Colo.
Robert A. Jones	Colo. Game & Fish Dept.	Las Animas, Colo.
T. M. Lynch	Colo. Game & Fish Dept.	Denver, Colo.
Ross W. Moor	U.S.G.S.	Lamar, Colo.
Sisto Guidotti	Amity Canal	Bristol, Colo.
F. L. Boydston, Jr.	Colorado Water Conservation Board	Denver, Colo.

The annual meeting of the Arkansas River Compact Administration was held in the Court House, Lamar, Colorado, on December 10, 1957.

Mr. Paulsen, the Chairman, called the meeting to order at 9:40 A. M.

Mr. Smartt moved that the reading of the minutes be dispensed with and that they be approved as written subject to any corrections. The motion was duly seconded and passed. A correction to the minutes was suggested by Mr. Smrha and approved by the Administration.

The Chairman expressed the regret of the Administration on the recent death of Jack Terry, District Engineer of the U.S.G.S. Mr. Nevius said that he had sent a telegram of condolence to Mr. Terry's family from the Administration as soon as he had heard the news.

Chairman Paulsen stated that he had learned that the Corps of Engineers will be assigned sufficient funds after January 1, 1958 to complete the work on the resurvey of John Martin Reservoir. He asked Mr. Martin about how long it would be after funds are available before the results of the resurvey would be finished. Mr. Martin replied that the area-capacity table, the principal part in which the Administration was interested, would be completed in about four to six weeks after funds become available.

Secretary Nevius said the budget had been sent to the Governors of the States. He stated that funds called for have been received from Colorado. The cooperative contract with the U.S.G.S. has been signed as follows:

Surface Water

COOPERATIVE AGREEMENT
FOR INVESTIGATION OF WATER RESOURCES

- - - - -

THIS AGREEMENT is entered into as of the 1st day of July, 1957, by the GEOLOGICAL SURVEY, UNITED STATES DEPARTMENT OF THE INTERIOR, party of the first part, and the Arkansas River Compact Administration party of the second part.

1. The parties hereto agree that subject to the availability of appropriations and in accordance with their respective authorities there shall be maintained in cooperation an investigation of the water resources of the Arkansas River Basin.

2. The following amounts shall be contributed to cover all of the cost of the necessary field and office work directly related to this investigation, but excluding any general administrative or accounting work in the office of either party and excluding the cost of publication by either party of the results of the investigation:

(a) \$500 by the party of the first part during the period July 1, 1957 to June 30, 1958.

(b) \$500 by the party of the second part during the period July 1, 1957 to June 30, 1958.

(c) Additional amounts by each party during the above period or succeeding periods as may be determined by mutual agreement and set forth in an exchange of letters between the parties.

3. Expenses incurred in the performance of this investigation may be paid by either party in conformity with the laws and regulations respectively governing each party, provided that so far as may be mutually agreeable all expenses shall be paid in the first instance by the party of the first part with appropriate reimbursement thereafter by the party of the second part. Each party shall furnish to the other party such statements or reports of expenditures as may be needed to satisfy fiscal requirements.

4. The field and office work pertaining to this investigation shall be under the direction of an authorized representative of the party of the first part.

5. The areas to be investigated and the scope of the investigation shall be determined by mutual agreement between the parties hereto or their authorized representatives. The methods of investigation shall be those usually followed by the party of the first part subject to modification by mutual agreement.

6. During the progress of the work all operations of either party pertaining to this investigation shall be open to the inspection of the other party, and if the work is not being carried on in a mutually satisfactory manner, either party may terminate this agreement upon 60 days written notice to the other party.

7. The records and reports resulting from this investigation shall be released for public inspection as promptly as possible. Both parties shall have the privilege of publishing the reports, provided that the reports published by either party shall contain a statement of the cooperative relations between the parties.

GEOLOGICAL SURVEY
UNITED STATES DEPARTMENT OF THE INTERIOR

R. L. Lyddan
Acting Director

By Harry C. Nevius, Sec.
Arkansas River Compact Administration

Mr. Nevius then presented the auditor's report and read a letter from the auditor. The letter and auditor's report follow:

ROBERT W. ROLLINS

CERTIFIED PUBLIC ACCOUNTANT

LA JUNTA, COLORADO

December 9, 1957

Mr. Harry C. Nevius
Secretary-Treasurer
Arkansas River Compact Administration
Lamar, Colorado

Dear Mr. Nevius:

In connection with the audit report and related assignment for the "Report year" ending October 31, 1957, the following transmittal letter reduces to writing the arrangements made by us in connection with the various documents relating to the year under review.

- (1) Original and three copies of the audit report for the "Report year" ended October 31, 1957, are enclosed herewith.
- (2) I am also returning herewith:
 - (a) The combined Journal pages J-1 through J-11, together with the binder.
 - (b) The Administration's copies of the State's returns of contributions payable under the Social Security Act for the current year under review, together with the related bank statements, cancelled checks, vouchers and various bills.
 - (c) The Compact's copies of the Minutes of the meetings held during the year.
- (3) You are reminded at this time, of the calendar year and responsibilities relating to the filing of the Federal Form W-2 and the Colorado form 109-2 early in January of 1958.

There is enclosed herewith a statement of services rendered to date, in the amount of \$ 65.00.

May I say again how much I appreciate the repeat assignment. If I can be of further service to you in the future, please call on me.

It was with regret, the passing of General Hans Kramer was noted in February of 1957. He was indeed, a gentleman in every respect.

Very truly yours,

/s/ Robert W. Rollins
Robert W. Rollins

RWR/r
Enclosures

ROBERT W. ROLLINS
CERTIFIED PUBLIC ACCOUNTANT
LA JUNTA, COLORADO

December 7, 1957

To the Representatives
Arkansas River Compact Administration
Lamar, Colorado

Gentlemen:

In accordance with your request, an examination has been made of the financial transactions of the Arkansas River Compact Administration for its 8th "Report-Year"-November 1, 1956 to October 31, 1957. The results of the audit are expressed in the attached statement of cash receipts and disbursements, Schedule I, Page No. 4. The remarks that follow are offered as additional information and tend to describe the extent of the audit work performed.

General Comments

Schedule I, reflects the beginning balance of cash in bank, revenue assessments received from the States of Colorado and Kansas, expenditures by classification and the ending balance of cash in bank.

As provided for in the budget of the Administration's Meeting of October 28, 1955 and authorized for call in the Minutes of the Meeting of October 26, 1956, funds due from Colorado (60% share) of \$1,800.00 and Kansas (40% share) of \$1,200.00 were received for the budget year ending June 30, 1957 and placed on deposit with the First National Bank in Lamar, Colorado on the respective dates of December 19, 1956 and January 4, 1957.

All disbursements were made by checks drawn on the Administration's account at the First National Bank in Lamar, Colorado. The individual checks were examined for amount, signature, and endorsement. Amounts so expended were substantiated by verification to payees' statements, authorization of payment as evidenced in minutes of the Compacts' meeting, or other supporting documents.

Consistent with prior years practices, the Secretary's salary for the current year of \$1,200.00 has been reduced by the Old-Age and Survivor's Insurance deductions amounting to \$26.50. Effective January 1, 1957, the 2% rate was raised to 2.25%, producing an increase of \$2.50 in the amount deducted from the employee. This figure of \$26.50 together with the Administration's contribution of like amount (note similar increase in rate) are shown under the classification of taxes on Schedule I.

Travel expense of the Secretary for the fiscal year ending October 31, 1957 amounted to \$73.04 or 913 miles at \$0.08 per mile.

Payments made to the U.S. Treasurer totaling \$53.00 during the year were accompanied by related returns referring to Old-Age and Survivor's Insurance information on the Secretary.

Cash in bank at October 31, 1957, per Schedule I, amounting to \$1,299.20 was reconciled to the amount directly confirmed by the First National Bank in Lamar, Colorado.

The following summary compares the Administration's financial position at October 31, 1957 with that of a year ago.

<u>Arkansas River Compact Administration</u>			
<u>Lamar, Colorado</u>			
<u>Comparative Balance Sheet</u>			
<u>Assets</u>	<u>October 31, 1957</u>	<u>October 31, 1956</u>	<u>Increase (Decrease)</u>
Cash in bank	\$1,299.20	\$ 971.73	\$327.47
Equip. (Portable typewriter)	92.50	92.50	-0-
<u>Total Assets</u>	<u>\$1,391.70</u>	<u>\$1,064.23</u>	<u>\$327.47</u>
<u>Capital</u>			
Unexpended fund balance	\$1,299.20	\$ 971.73	\$327.47
Expended fund balance for equipment	92.50	92.50	-0-
<u>Total Capital</u>	<u>\$1,391.70</u>	<u>\$1,064.23</u>	<u>\$327.47</u>

Because the "Budget Year" covers the period July 1, 1956 to June 30, 1957, it has been necessary to combine related months of the last two "Report Years" in order to compare actual expenditures with the related budgeted items. Such a comparison is set forth for your review in the following summary.

<u>Comparison of Disbursements With Budget</u>		
<u>Budget Year July 1, 1956 to June 30, 1957</u>		
<u>Classification</u>	<u>Disbursements</u>	<u>Budget</u>
<u>Personal Services</u>		
Secretary's salary	\$1,200.00	\$1,200.00
Taxes-O. A. and S. I.-Administrations share	25.50	50.00
Gage reports	500.00	500.00
Professional services (audit of accounts)	65.00	75.00
<u>Capital outlay</u>	-0-	300.00
<u>Maintenance and operation</u>		
Bond-Treasurer	25.00	25.00
Printing	516.00	600.00
Office publications	-0-	100.00
Travel expense-Secretary	100.00	150.00
Typing and mailing	10.00	200.00
Investigation and inspection	-0-	150.00
Telephone and telegraph	208.35	300.00
Office supplies and repairs	42.71	150.00
<u>Totals</u>	<u>\$2,692.56</u>	<u>\$3,800.00</u>

The Secretary-Treasurer advises the Administration's Budget for the fiscal year July 1, 1957 to June 30, 1958, as approved in the Minutes of the Meeting of October 26, 1956, provides for expenditures totaling \$3,800.00. Of this amount, \$800.00 is to come from the excess of funds at June 30, 1957, supplemented by an appropriation of \$3,000.00 from the States of Colorado and Kansas in the respective amounts of \$1,800.00 and \$1,200.00

Respectfully submitted,

/s/ Robert W. Rollins
Robert W. Rollins
Certified Public Accountant

Arkansas River Compact Administration
Lamar, Colorado
Statement of Cash Receipts and Disbursements
November 1, 1956 to October 31, 1957
(Refer to comments in text of audit)

Cash in bank at November 1, 1956 (per audit) \$ 971.73

Receipts

Revenue from assessments		
Colorado portion 60%	\$1,800.00	
Kansas portion 40%	<u>1,200.00</u>	
<u>Total Receipts</u>		<u>3,000.00</u>
<u>Total Available Funds</u>		<u>3,971.73</u>

Disbursements

Salary of secretary	\$1,200.00	
Less: O.A. and S.I. deductions	<u>26.50</u>	
Sub total		1,173.50
Printing-Annual report		516.00
Telephone and telegraph		204.85
Travel expense of secretary		73.04
Audit fee (fiscal year ended October 31, 1956)		65.00
Taxes-O.A. and S.I. Payments		
Deductions from employees	26.50	
Administration's portion	<u>26.50</u>	53.00
Premium on secretary-treasurer bond		25.00
Typing and mailing		21.50
Office supplies, stationery, etc.		40.64
Stream-gaging expense of U.S. Geological Survey		<u>500.00</u>
<u>Total Disbursements</u>		<u>2,672.53</u>

Cash in bank at October 31, 1957 1,299.20

Cash on deposit at the First National Bank in Lamar

Per direct confirmation at October 31, 1957		\$1,425.10
Less: Outstanding checks of:		
No. 223 Treasurer of the U.S.	\$ 4.50	
224 Harry C. Nevius	97.75	
225 Mt. States Tel. & Tel. Co.	19.15	
226 Treasurer of the U.S.	<u>4.50</u>	
Total outstanding checks		<u>125.90</u>
<u>Adjusted bank balance</u>		<u>\$1,299.20</u>

Mr. Crawford moved that the Auditor's report be received. The motion was seconded and passed.

Mr. Nevius then presented the Treasurer's annual report.

Mr. Green moved that the Treasurer's report be accepted and recorded and the motion was duly seconded and passed.

TREASURER'S REPORT

Balance on hand October 31, 1956, Auditor's Report--		\$ 971.73
Receipts		
Call authorized October 26, 1956 \$3,000.00		
Colorado 60% December 19, 1956	\$1,800.00	
Kansas 40% January 4, 1957	<u>1,200.00</u>	
		<u>3,000.00</u>
		\$3,971.73

Disbursements by the Administration--November 1, 1956 to October 31, 1957:

Voucher No.	Date	Payee and Purpose	Amount
195	12-31-56	Robert W. Rollins, Audit & Service - - -	\$ 65.00
196		Secretary Salary, November & December (less \$4.00 F.I.C.A.) - - - - -	196.00
197		Outwest Printing Co., Printing Vouchers -	30.39
198		Mtn. States T. & T. Co. November & December Service & Tolls - - - - -	24.40
199		Treasurer of U. S. Deposits by States - - -	8.00
201	2-28-57	H. R. Meininger Co., Ozalid Paper - - - - -	4.50
202		Peerless Printing Co., Annual Reports - - -	516.00
203		Secretary Salary, January & February (less \$4.50 F.I.C.A.) - - - - -	195.50
204		Treasurer of U. S. Deposits by States - - -	9.00
205		Mtn. States T. & T. Co. January & February Service & Tolls - - - - -	16.90

Treasurer's Report (Continued)

Receipts \$ 3,971.73
 Total Expenditures to date 1,065.69

Disbursements by the Administration:

Voucher No.	Date	Payee and Purpose	
206	4-30-57	U.S. Geological Survey, Cooperative Stream Gaging - - - - -	392.81
207		Secretary Salary, March & April (less \$4.50 F.I.C.A.) - - - - -	195.50
208		Mtn. States T. & T. Co. March & April Service & Tolls - - - - -	34.80
209		Secretary, Stamps, 10.00; Mileage 37.60 - -	47.60
210		Treasurer of U. S. Deposits by States - - -	9.00
211	6-30-57	U. S. Geological Survey, Bal. Cooperative- Stream Gaging - - - - -	107.19
212		Mtn. States T. & T. Co. May & June Service & Tolls - - - - -	32.85
213		Secretary Salary, May & June (less \$4.50 F.I.C.A.) - - - - -	195.50
214		Treasurer of U. S. Deposits by States - - - -	9.00
215	9- 3-57	Nat. Surety Corp. Treasurers Bond - - - - -	25.00
216		Mtn. States T. & T. Co. July Service & Tolls - - - - -	26.10
217		Secretary Salary, July & August (less \$4.50 F.I.C.A.) - - - - -	195.50
218		Treasurer of U. S. Deposits by States - - - -	9.00
219	9- 4-57	Mtn. States T. & T. Co. August Service & Tolls - - - - -	33.60
220	10-15-57	Mtn. States T. & T. Co. September Service & Tolls - - - - -	17.05
221		Secretary, Stamps 11.50; Mileage 35.44 Supplies 5.75- - - - -	52.69
222		Secretary Salary, September (less \$2.25 F.I.C.A.) - - - - -	97.75
223		Treasurer of U. S. Deposits by States - - - -	4.50
224	10-31-57	Secretary Salary, October (less \$2.25 F.I.C.A.) - - - - -	97.75
225		Mtn. States T. & T. Co. October Service & Tolls - - - - -	19.15
226		Treasurer of U. S. Deposits by States	4.50
		Total Disbursements	<u>\$2,672.53</u>

Balance on hand October 31, 1957 \$1,299.20

Mr. Green reporting for the Legal Committee said they had no assignment and, therefore, no report.

Mr. Smrha gave the report of the Engineering Committee.

Mr. Bentrup's motion was seconded and passed to receive the Engineering Committee's report and incorporate it in the minutes:

ARKANSAS RIVER COMPACT ADMINISTRATION

REPORT OF ENGINEERING COMMITTEE

regarding the fisheries reservoir on Alkali Creek
proposed to be constructed by the Colorado Game
and Fish Department

- - - - -

Mr. Elliott of the Colorado Game and Fish Department appeared before the Administration at their meeting on July 23, 1957, and inquired as to their attitude with respect to a proposed fisheries project on Alkali Creek. The matter was referred to the Engineering Committee for investigation and a report of their findings to the Administration.

Information regarding the proposed project was made available to the Committee through the Colorado Water Conservation Board.

The proposed reservoir site is located on Alkali Creek in Section 18, Township 33 South, Range 58 West, Las Animas County, Colorado. Alkali Creek is a tributary of the Purgatoire River and at the proposed dam site drains an area of 34.5 square miles. Preliminary sketches of a plan for the proposed fisheries project at this location have been made by Damon Runyan, Consulting Engineer, for the Colorado Game and Fish Department. These sketches based on a reconnaissance of the area indicate a potential reservoir of about 76 acres requiring a dam about 65 feet high. The Committee is advised that the magnitude of the project under consideration would create a reservoir with a surface area of about 50 acres and an average depth of about 8 or 10 feet. On this basis it would have a storage capacity of 400 to 500 acre feet.

All information available as to the proposed project is of a very preliminary nature. No detailed surveys nor foundation explorations have been made, nor has there been any study or analysis of the extent to which such a project would deplete inflow to John Martin Reservoir. The Engineering Committee finds no basis at this time upon which to evaluate the proposed fisheries project on Alkali Creek in relation to the Arkansas River Compact.

The Engineering Committee recommends that further consideration of this matter by the Administration be deferred until such time as the Colorado Game and Fish Department makes available for review the results of more detailed surveys and studies.

Respectfully submitted,

/s/ Ivan C. Crawford
IVAN C. CRAWFORD

/s/ R. V. Smrha
R. V. SMRHA CHAIRMAN

Mr. Elliott, of the Colorado Game and Fish Department, stated that his department had withheld a report on the Alkali Creek dam until they knew the desires of the Administration. He said he will request that an engineering feasibility report be made by his department. Mr. Crawford told Mr. Elliott that the Administration must know the effect of the proposed fisheries reservoir on the inflow into John Martin reservoir. Mr. Elliott gave a resume of the preliminary planning on the fisheries reservoir and what had transpired with respect to the proposed reservoir at the July 23, 1957 meeting of the Administration.

Mr. Jenkins related that a meeting of ditch companies had been held and discussed the advisability of hiring a qualified man to assist in regulating the gates on John Martin Reservoir to compensate for flood inflows from tributaries. Mr. Nevius made the observation that it was difficult to operate the gates without any error, but that as far as he knew, losses due to operation of the gates were at a minimum. He urged that the Administration become familiar with the reports used in ordering releases. Mr. Smartt said it is almost an impossibility to get information on all creeks at the same time and order the gates changed with any accuracy due to the long time it takes for reservoir releases to reach the stateline.

Mr. Jenkins stated that the consensus of opinion at the ditch association meeting the first of July was that an engineer working with the secretary could make considerable saving of water. He called on Mr. Herzog of the Fort Lyon Canal Company for his views. Mr. Herzog was of the opinion that an authorized person could save water by making compensating adjustments of the gates to meet the state-line flows requirements.

The Chairman asked if this wasn't a problem to be handled by the operations committee, and observed that perfect operation of the reservoir would necessitate forecasting flows in advance which was impossible with facilities now in use.

Further discussion was held on what was required in the study and how it should be handled.

A motion by Mr. Jenkins was seconded and passed that the Engineering Committee make a study for refinement of operation procedures at John Martin Reservoir for conservation of water.

Mr. Smartt reported for the Operations Committee as follows:

Releases from the reservoir remained 180 c.f.s. from October 22 until the gates were closed on October 31. Kansas has not called for any water since October 10. Water in storage October 31 was 220,053 acre feet and was 232,765 acre feet on December 10--a gain of over 12,000 acre feet.

The annual report of the Administration was considered. A bid of \$565.00 for printing 500 copies of the report from Peerless Printing Company of Denver was read, and a motion by Mr. Smrha was seconded and passed that the Peerless bid be accepted.

Mr. Green presented the following resolution regarding the outgoing members of the Administration.

R E S O L U T I O N

Realizing the gratitude which we, as new members of the Arkansas River Compact Administration, and the public in general should feel toward the members whom we have recently succeeded, it is fitting that we acknowledge the same through the permanent records of our proceedings.

Three of these outgoing members were also members of the Commission which framed the compact. In this connection they have expended freely of their time and talents over a period of many months molding into workable form a compact between the states involved which is a monument to their intellect, perseverance and diplomacy.

All of said members have, since ratification of the compact, pioneered its administration and have worked in harmony and with an unselfish devotion to its success to the end that its fruits have been attained to its highest degree.

BE IT THEREFORE RESOLVED that this administration, in annual meeting assembled, do hereby heartily commend said out-going members, William E. Leavitt, Garden City, Kansas; Harry C. Nevius, Lamar, Colorado; Harry B. Mendenhall, Rocky Ford, Colorado; and Judge Roland H. Tate, Garden City, Kansas for the fine service which they have so freely rendered.

BE IT FURTHER RESOLVED that this resolution be spread upon the records of this administration and that the secretary be instructed to mail a copy hereof to each of those named herein,

Mr. Crawford's motion was duly seconded and passed that Mr. Green's resolution be accepted with thanks.

The annual report was again discussed and changes noted, and distribution to Federal agencies and the President of the United States was determined to be the duty of the Chairman.

Mr. Green moved that the annual report be approved and accepted as submitted, subject to further corrections and revisions. The motion was seconded and passed.

The Chairman observed that the election of a Vice-Chairman was required at this meeting.

Mr. Crawford moved that Mr. Green be selected as the Vice-Chairman, and the motion was seconded and passed.

Chairman Paulsen then opened the meeting to nominations for Secretary and Treasurer.

Mr. Nevius stated that he was definitely not a candidate to succeed himself in the offices of Secretary and Treasurer.

Mr. Jenkins nominated Mr. Smartt for Secretary and Treasurer at the same salary for Secretary as for the previous holder of the office.

Mr. Green moved that nominations be closed, and the motion was seconded and passed.

The Chairman noted that by their action the Administration had selected Mr. Smartt as Secretary and Treasurer. He complimented Mr. Nevius for his fine work.

Mr. Smartt said he accepted the position to which he had been elected and said that he would not have considered accepting the position had he not been assured that he would have the advice and assistance of his neighbor Mr. Nevius. He commended Mr. Nevius for his past services.

Mr. Crawford expressed appreciation of the Colorado Water Conservation Board and the State of Colorado for the cooperation of Mr. Nevius while he was with the Administration.

Mr. Bentrup also expressed thanks in behalf of the State of Kansas for Mr. Nevius' work and his cooperation.

Mr. Nevius said that he will assist with the distribution of the annual reports and with effecting necessary changes such as transfer of bond, change of authorized signatures and social security reports.

Before adjourning for lunch, Mr. Elliott said that Mr. Oakley Wade desired a few minutes to talk to the Administration in the afternoon.

* * * * *

Afternoon Session

The meeting reconvened at 1:20 P. M. with naming committees for the next year as the first order of business.

Mr. Crawford moved that the present Legal Committee composed of Mr. Green and Mr. Jenkins, with Mr. Green as Chairman, be designated to serve for the next year. The motion was seconded and passed.

Mr. Smartt's motion was duly seconded and passed to have the present Engineering Committee, composed of Mr. Smrha and Mr. Crawford, with Mr. Smrha as Chairman, serve for the next year.

Mr. Green moved that the Operation Committee for the next year be composed of Mr. Bentrup and Mr. Smartt with Mr. Bentrup as Chairman. The motion was seconded and passed.

Mr. Elliott then introduced Mr. Lynch of the Colorado Game and Fish Department who gave some figures on the amount of water required for a permanent pool in John Martin reservoir. He informed the Administration that from 10,000 to 12,000 acre feet would be required as a conservation pool wherein seed stock of white bass would remain to restock the pool when storage increased in the reservoir. A pool of about 11,000 acre feet would be about 9 feet deep at the dam and cover an area extending about one-half mile upstream and about one-half mile in width.

Mr. Jenkins said he understood that there were other benefits which might be attributed to such a pool.

Chairman Paulsen stated that the Administration would have to determine two things before any action could be taken:

- (1) The Legal Committee would have to determine if the Administration has the power to declare the reservoir empty when it has been drawn down to the permanent pool.
- (2) The Engineering Committee would then have to determine the effect of a permanent pool on upstream and downstream uses.

Mr. Green observed that the Administration must have a specific proposal from the Colorado Game and Fish Department.

Mr. Elliott emphasized that the Colorado Game and Fish Department is not making a specific request for a permanent fish pool. They were merely working with interested groups to give them necessary information. He reiterated that his department had determined that at least 10,000 acre feet would be required in the reservoir to sustain a population of white bass.

Mr. Oakley Wade, representing sportsmen in southeastern Colorado, said that in making a request for a permanent pool in John Martin reservoir, it would be necessary for them to obtain agreements of water users and to overcome objections of the Kansas members of the Administration as to evaporation losses by use of evaporation inhibitors or by importation of water into the basin. He hoped that evaporation savings by using inhibitors could be measured using duplicate evaporation pans--one containing the inhibitor and the other one not. He expressed the desire for the Administration to consider these items and stated he would attempt to get the Colorado water users together to work out agreements.

The Chairman observed that the use of evaporation depressants in the United States is only in an experimental stage, and their practical application is unknown.

Mr. Wade said that the sportsmens groups will eventually have a specific proposal to submit to the Administration.

Mr. Green stated that as far as he is concerned, he is a member of the Administration to administer the Compact. He stated that a feasible program must be shown. If such a program is presented, he would be open minded and the program would be fairly and equitably considered.

Mr. Bentrup agreed with Mr. Green and said that in his opinion Article V F of the Compact would have to be rewritten, and many other problems solved.

Mr. Crawford said that Mr. Green's expression of views on the subject were also those of Colorado and undoubtedly those of the Administration.

Mr. Wade then stated that as he saw it, the problems, aside from the legal problems, would be:

- (1) Initial water for the permanent pool.
- (2) Evaporation replacement.
- (3) Spills--when would spills contain any water from permanent pool?

Mr. Crawford's motion to adjourn was seconded and passed.

The meeting adjourned at 2:00 P. M.