

MINUTES
STATE WATER CONSERVATION COMMISSION
 Held in Rugby, North Dakota
 June 13, 1961

A meeting of the North Dakota State Water Conservation Commission was held in the Armory in Rugby, North Dakota, on June 13, 1961. The meeting was called to order by Governor William L. Guy at 10:00 a.m. The following members of the Commission were present:

MEMBERS OF THE STATE WATER CONSERVATION COMMISSION:

Governor William L. Guy, Chairman
 Vice Chairman Earle F. Tucker, Member from Bismarck
 Einar H. Dahl, Member from Watford City
 A. R. Weinhandl, Member from Minot
 William W. Corwin, Member from Fargo
 Math Dahl, Commissioner of Agriculture & Labor, Bismarck
 Milo W. Hoisveen, Secretary and Chief Engineer, State Engineer, Bismarck

Others Present:

Richard J. Backes, Glenburn
 Leonard Backes, Glenburn
 Matt Roles, Glenburn
 Arnold Hjelmstad, Glenburn
 Earl Palmer, Glenburn
 R. H. McEnroe, Drayton
 Don Dryden, Drayton
 Dr. W. W. Frey, Drayton
 G. K. Bondy, Drayton
 Roy Hornstein, Rugby

**APPROVAL OF MAY 1961
 MINUTES**

Commissioner Weinhandl made a motion that the reading of the minutes of the meeting of May 23, 1961 be dispensed with and the minutes be approved as written, which motion was seconded by Vice Chairman Tucker. Upon voice vote all Commissioners voted aye. Motion carried.

**APPROVAL OF FINANCIAL
 STATEMENT FOR MAY 1961**

The financial statement for the month of May 1961 was reviewed by the Commission. Commissioner Einar Dahl moved that the financial statement be approved which motion was seconded by Commissioner Corwin. Upon voice vote all Commissioners voted aye. Motion carried.

**RESOLUTION-IZAAK WALTON
 LEAGUE PERTAINING TO
 GARRISON DIVERSION UNIT**

Secretary Hoisveen read a resolution received from the Izaak Walton League pertaining to the development of fish and wildlife areas in the Garrison Diversion Unit. The Commission directed that the Secretary acknowledge receipt of the resolution. (Resolution is Annex A)

**MEMORANDUM REGARDING
 WASHINGTON MEETING WITH
 SPORT FISHERIES GROUP**

The Commission was informed that on June 6 the delegation from North Dakota that was in Washington to testify before the House Appropriations Committee for appropriations for the Garrison Diversion Unit and other water resources projects in North Dakota, conferred with Senators

Quentin Burdick and Milton Young and officials of the Bureau of Sport Fisheries and Wildlife and the Bureau of Reclamation relative to the forthcoming congressional hearings on the modifying legislation for the Garrison Diversion Unit. At this meeting the fish and wildlife aspects proposed for the Garrison Diversion Unit were discussed at some length and as a result of this discussion a memorandum was prepared that set forth the understanding of the North Dakota delegation dealing with the fish and wildlife aspects of the project. The memorandum was read to the Commission. The Commission directed that a copy of this memorandum be incorporated as a part of the minutes of the meeting. (See Annex B)

**REQUEST OF NORTHWESTERN
BELL TELEPHONE CO. FOR
RIVER CROSSINGS**

Secretary Hoisveen read a letter from the Northwestern Bell Telephone Company in which they requested permission of the Commission to place a buried cable across the Sheyenne River at two locations and the Maple River at two locations. They reviewed the plans for the proposed crossings and recommended that the Commission grant permission to the Northwestern Bell Telephone Company to make these crossings.

Commissioner Weinhandl made a motion that the Commission approve the request of the Northwestern Bell Telephone Company to install a buried cable across the Sheyenne River at two locations and the Maple River at two locations as set forth in the plans they submitted to the Commission on May 24, 1961, be approved which motion was seconded by Vice Chairman Tucker. Upon voice vote all members voted aye. Motion carried.

**NORTH DAKOTA WATER USERS
ASSOCIATION PAYMENT**

Secretary Hoisveen discussed with the Commission the matter of the payment for services in behalf of the North Dakota water resources program to the North Dakota Water Users Association that will soon be due. It was the opinion of the Commission that the payment of these dues should be made prior to July 1, if funds were available in Commission appropriations. The payment when made, will be for fiscal year 1962.

Vice Chairman Tucker made a motion that the Commission authorize payment of \$1500 to the North Dakota Water Users Association for services on behalf of the North Dakota water resources program for the year 1961 which motion was seconded by Commissioner Weinhandl. Upon voice vote all Commissioners voted aye. Motion carried.

**SUPPORT OF APPROPRIATION
REQUEST FOR AGRICULTURAL
RESEARCH SERVICE**

The activities of the Agricultural Research Service of the Department of Agriculture relating to irrigation research in North Dakota was discussed. It was pointed out to the Commission that a few years ago, as a result of studies on the needs for agricultural research service throughout the country, certain recommendations providing for an expansion of the research facilities at various stations throughout the country were recommended. Provision was included in this recommendation for an expansion of the Mandan Field Station and the priority for such an appropriation was established. It appeared that there was a possibility that provision for the expansion of the station could be included in the current appropriation bill under consideration by Congress. It was further pointed out that the Agricultural Research Service had indicated an interest in entering into an expanded irrigation research program in North Dakota at the Carrington Irrigation Station. It was recommended to the Commission that a telegram be sent to Senators Milton R. Young and Quentin N. Burdick urging their support and effort to have included in the

appropriation bills, provision for the new facilities proposed at the Mandan Field Station. Commissioner Weinhandl moved that the Secretary be authorized to send a telegram to Senator Milton R. Young and Senator Quentin N. Burdick to this effect, which motion was seconded by Commissioner Tucker. Upon voice vote all Commissioners voted aye. Motion carried.

**RESOLUTION PERTAINING TO
OAHE RESERVOIR LAND
PURCHASES**

Secretary Hoisveen reviewed the resolution that had been received from the Oahe Landowners Association of North Dakota, an organization that was recently established to represent the landowners

in matters dealing with the acquisition of land for the Oahe Reservoir in North Dakota.

The Commission reviewed the resolution. It was the opinion of the Commission that action by the State Water Conservation Commission on this matter should be delayed until additional information had been obtained as to the procedure that would be followed in the acquisition of land for the Oahe Reservoir.

**GARRISON DIVERSION UNIT
AUTHORIZATION HEARINGS
JUNE 21, 1961**

Governor Guy reported to the Commission that arrangements had been made to hold hearings before the subcommittee on Irrigation and Reclamation of the Senate Interior and Insular Affairs Committee on the

modifying legislation dealing with the Garrison Diversion Unit authorization on June 21. He reported that the Coordinating Committee of the Garrison Diversion Unit had met in Bismarck on June 8 and selected various organizations and witnesses who should be requested to attend the hearing. Governor Guy also reported that he had contacted Senator Burdick and discussed with him the possibility of hearings on the modifying legislation before the House Interior Committee during the current session of Congress. Senator Burdick indicated that he would contact Congressman Aspinall, Chairman of the House Committee, to determine what the possibility of such hearings were.

**SUPPLEMENTAL AGREEMENT
WITH U. S. GEOLOGICAL
SURVEY HYDROGRAPHIC
BRANCH**

Secretary Hoisveen discussed with the Commission the proposal that the U.S. Hydrographic Branch in cooperation with the State Water Conservation Commission conduct a study of existing stream flow records to determine the water availability in the

Red River of the North Basin. He reviewed the nature of this study and recommended to the Commission that they approve the negotiation of a cooperative agreement with the U.S. Geological Survey Hydrographic Branch for such a study to the extent of \$2,000 participation on the part of the Commission.

Commissioner William Corwin made a motion that the Commission approve a cooperative agreement with the U.S. Survey Hydrographic Branch to provide for conducting a study of the availability of water in the Red River of the North which motion was seconded by Commissioner Math Dahl. Upon voice vote all Commissioners voted aye. Motion carried.

**GLENBURN MUNICIPAL
WATER SUPPLY**

Mr. Math Roles of Glenburn, spokesman for the delegation from Glenburn requested the Commission to assist the city in solving a municipal water supply problem that had developed for the municipality this year. He pointed out that the city presently obtains its water supply from wells that have been installed in a coulee near the town. These wells have failed to produce the quantity of water needed and preliminary investigations indicate the well is not being recharged adequately. It was suggested that the reason for this might be due to the construction of the wells although they did not have definite information that this was the case.

Secretary Hoisveen informed the Commission that from information that had been obtained the city obtains its water from a well that was constructed with railroad ties located in a channel of a coulee near the town. He stated he did not believe the problem was so much a lack of water but that of getting the water in the well. He stated that one possibility that exists is to construct an underground dam, similar to that constructed for the city of Ellendale, that would seal off the aquifer and therefore store a greater quantity of water for the city's use in this aquifer where the well was located. He stated the coulee at the present time is dry but a second possibility would be to construct a low dam across the coulee to capture the flow in the coulee from time to time and thereby increasing the recharge of the ground water aquifer. He stated the estimated cost of the underground dam was about \$7,500.

Mr. Roles informed the Commission that it was his opinion that a surface dam of two or three feet in height would back up a great deal of water. He pointed out that the city is in desperate need of water and if the problem they face is not solved soon they will have to attempt to drill a deep well. They are not sure if this would be the answer to their problem because of the doubtful quality of water they might obtain from a deeper source. He also pointed out that the city of Glenburn is only financing its water and sewer assessments at the present time and should be in a position to be able to take care of its share of the cost of such a project. Governor Guy informed the delegation from Glenburn that the Commission would take this matter under consideration and inform them of their decision.

Commissioner Weinhandl made a motion that the Commission participate in the construction of an underground dam for the city of Glenburn municipal water supply and participate in 50% of the cost of the structure not to exceed \$4,000 which motion was seconded by Commissioner Tucker. Upon voice vote all Commissioners voted aye. Motion carried.

DRAYTON MUNICIPAL DAM

The delegation from Drayton met with the Commission to discuss the possibility of constructing a dam on the Red River that could be used in conjunction with its municipal water supply system. It was pointed out to the Commission that last year the city of Drayton experienced a problem in conjunction with its water supply system in that their pumping intake was above the river level. In order to solve this problem they have under consideration the possibility of constructing a dam approximately 8 feet in height across the Red River which would create a reservoir from which they could pump their municipal water supply. They also pointed out there was a possibility of expanded industrial development in the Drayton area and that additional water would be needed for this purpose. A proposal had been made that certain broken concrete that was being removed from a section of Highway 29 be utilized in constructing an inexpensive dam across the Red River for this purpose.

Dr. Frey, spokesman for the delegation, informed the Commission that the city was concerned about the cost and is seriously considering this type of structure. He pointed out that such a structure and dam would insure the city an adequate and stable water supply even in dry years and could also have a tendency of stabilizing the river bank.

It was pointed out that the State Water Commission had made a proposal to construct a more expensive and permanent type of dam. The estimated cost of the most inexpensive dam, utilizing broken concrete, was \$50,000 to \$60,000.

Secretary Hoisveen informed the Commission he would be concerned about the maintenance that would be required if the inexpensive dam were constructed. He pointed out that the preliminary investigation of the Commission indicates that the cost of the more permanent concrete dam would be approximately \$100,000 to \$115,000. This would be comparable to the dam that was constructed at the city of Fargo by the Corps of Engineers in conjunction with their flood control project that cost \$130,000.

Secretary Hoisveen also informed the Commission that in his opinion the construction of the dam and the resultant reservoir would not have much effect on stabilizing the river bank. He stated that a dam of approximately 8 feet in height would create a reservoir that would bring the water about three to four feet above the intake for the city of Drayton at all times. He said that the broken concrete and other material that had been stockpiled in the Drayton area could be used for either type of structure it was decided to build.

Governor Guy stated it appeared that the local people would have to weigh the merits of the two types of structures and determine whether or not they desired to have the inexpensive structure at the cost of \$50,000 to \$60,000 that would perhaps cause them problems in the future or if they would rather have the more permanent type of structure at a cost of from \$100,000 to \$115,000.

Secretary Hoisveen recommended that more investigation and borings be made in the area to determine the type of dam that would be most suitable for the city and also to determine more accurately a cost estimate of the structure.

Representatives of the Drayton delegation indicated the city at present prefers the lower cost dam unless the Commission's investigation indicates it would be unwise to build this type of structure. Secretary Hoisveen recommended to the Commission that if it is decided to build the inexpensive structure he would recommend that the Commission divorce themselves from the project insofar as future maintenance is concerned. The Drayton delegation was informed that the Commission would take this matter under advisement and inform them of their decision.

After further discussion of the matter of the Commission's participation in the dam at Drayton, Commissioner Einar Dahl made a motion that the Commission authorize a more comprehensive survey of the proposed Drayton Dam and report back to the Commission at a future meeting as to the type of structure that should be recommended for this city and the cost of this structure with the provision that the city of Drayton participate in the cost of such an investigation in accordance with the policy of the Commission, which motion was seconded by Commissioner Weinhandl. Upon voice vote all

Commissioners voted aye. Motion carried.

**BOTTINEAU GROUND WATER
SURVEY**

Secretary Hoisveen informed the Commission that he had a request from the city of Bottineau for a ground water survey. He informed them that similar requests had been submitted in the past and he recommended that such a survey be scheduled if the city deposits the required sum of \$3,000 for the survey. Commissioner Math Dahl made a motion that the Commission cooperate with the city of Bottineau in conducting a ground water survey for that city on the basis that the city contribute \$3,000 towards the cost and provided the survey be scheduled in the Commission's ground water survey program, which motion was seconded by Commissioner Tucker. Upon voice vote all Commissioners voted aye. Motion carried.

**PROPOSED SURVEY OF WATER
RESOURCES OF RED RIVER
VALLEY BY MINNESOTA
AND NORTH DAKOTA**

Governor Guy informed the Commission that in February he had talked to Governor Andersen of Minnesota and suggested that the states of Minnesota and North Dakota jointly conduct a survey of the water resources of the Red River Valley. He suggested that the Commission extend an invitation to meet with the Water Commission in Fargo at a future date to discuss the possibility of entering into such a joint endeavor. The Commission was of the opinion that such a joint meeting should be arranged if possible.

**RESOLUTION EXPRESSING
APPRECIATION TO RUGBY**

Commissioner Math Dahl presented a resolution expressing appreciation to the city of Rugby for the arrangements the city had made for the meeting of the State Water Commission attached to and made a part of these minutes as Annex C, and moved its adoption which motion was seconded by Commissioner Weinhandl. Upon voice vote all Commissioners voted aye. Resolution was unanimously adopted.

WATER RIGHTS

#898

Larry Martin of Marmarth requests the right to divert and appropriate 47.4 acre-feet of water from a dry run creek tributary to the Little Missouri River to irrigate 47.4 acres of land. It was moved by Commissioner Einar Dahl and seconded by Commissioner Corwin that Larry Martin be granted the right to divert 47.7 acre-feet of water from dry run creek to irrigate 47.4 acres of land. Motion carried.

#903

Robert Larson of Minot requests the right to divert and appropriate 200 acre-feet of water from Schofield Lake to irrigate 135.5 acres of land. It was moved by Vice Chairman Tucker and seconded by Commissioner Math Dahl that Robert Larson be granted the right to divert 41.5 acre-feet of water from Schofield Lake to irrigate 41.5 acres of land. Motion carried.

#905

The Lignite Electric Power Cooperative, Inc. of Bismarck, requests the right to divert 880,000 acre-feet of water circulated, with the maximum consumption of 26,700 acre-feet from the Missouri River. Commissioner Weinhandl moved that the Lignite Electric Power Cooperative, Inc., be granted the right to divert 880,000 acre-feet of water circulated, with the maximum consumption of 26,700 acre-feet from the Missouri River for industrial purposes. Motion carried.

#906

Esther Hauge of Leith requests the right to divert and appropriate 27 acre-feet of water from Unnamed Creek tributary to Snake River, to irrigate 27 acres of land. It was moved by Commissioner Tucker and seconded by Commissioner Math Dahl that Esther Hauge be granted the right to divert and appropriate 27 acre-feet of water from Unnamed Creek, tributary of Snake River, to irrigate 27 acres of land. Motion carried.

There being no further business to come before the Commission the meeting was adjourned at 12:00 noon.

Respectfully submitted,

Milo W. Hovsven
Secretary

ATTEST:

William L. Berg
Governor

ADDENDUM
TO MINUTES OF STATE WATER CONSERVATION COMMISSION MEETING
HELD AT RUGBY, NORTH DAKOTA ON June 13, 1961

BIDS FOR ERECTION
OF SHOP BUILDING
#682

The Commission discussed the erection of the
new shop building by a private contractor.

It was agreed that the secretary proceed with letting bids for erection
of the steel building and be authorized to sign a contract with the
successful bidder.

Annex A

THE IZAAK WALTON LEAGUE OF AMERICA

A RESOLUTION

WHEREAS, enhancement and replacement of fish and wildlife values is an integral and highly important part of the Garrison Diversion Project, and

WHEREAS, the majority of the citizens of North Dakota will get the greatest personal reward and enjoyment from the outdoor recreations provided, and tourism will be increased, and

WHEREAS, the Garrison Diversion Project would lose much of its value and attraction to, and support from, a majority of the people without its manifold fish, wildlife and recreation benefits, and

WHEREAS, such features of the Project apparently are under concentrated attack from a small minority interested only in their own personal profit,

NOW, THEREFORE, BE IT RESOLVED, that the Missouri Slope Chapter of the Izaak Walton League of America reaffirms its support of the fish and wildlife feature of the Project and urges their retention, and further requests the appropriate state agencies and officials, our Congressmen and the Garrison Diversion Conservancy District to direct their maximum efforts in this direction to the end that the Project be speeded to completion.

Adopted at a regular meeting of the Executive Committee of the Missouri Slope Chapter of the Izaak Walton League, Bismarck, North Dakota this 31st day of May, 1961.

s/Brandt V. Hjelle
Brandt V. Hjelle, President

Sam Merritt, Secretary

Annex B

**MEMORANDUM ON THE STUDIES AND PROPOSED DEVELOPMENT OF
THE FISH AND WILDLIFE RESOURCES IN CONNECTION WITH
THE GARRISON DIVERSION UNIT**

June 6, 1961

1. THIS MEMORANDUM is developed as a result of a breakfast conference in room G-219, New Senate Office Building, Washington, D.C., June 6, 1961, attended by Senators Milton R. Young and Quentin N. Burdick; William I. Palmer, Assistant Commissioner of Reclamation; Donald R. Burnett, Chief, Division of Project Development, Bureau of Reclamation; Clarence Pautzke, Commissioner of Fish and Wildlife, Daniel H. Janzen, Director, Bureau of Sport Fisheries and Wildlife, and James T. McBroom, Chief, Technical Services Division, Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service; Milo W. Hoisveen, State Engineer-Chief Engineer-Secretary, North Dakota State Water Conservation Commission; Vernon S. Cooper, Secretary, Garrison Diversion Conservancy District; Daphna Nygaard, Governor's Coordinating Committee on Garrison Diversion Unit; Oscar N. Berg, Executive Secretary, North Dakota Water Users Association; E. W. Rising, Washington Representative, Garrison Diversion Conservancy District; Chris U. Sylvester, Administrative Assistant to Senator Young; and Fred J. Fredrickson, Planning Coordinator, North Dakota State Water Conservation Commission, and sets forth the understanding of the attending North Dakotans regarding the fish and wildlife aspects of the Garrison Diversion Unit.

2. North Dakota's primary interest in the over-all Missouri River Basin Project is the multi-purpose Garrison Diversion Unit. State and local interests have always recognized the importance of the many aspects of the Unit and the benefits this project can bring to North Dakota, the region, and the Nation. Important among these features is the fish and wildlife resources development.

3. In connection with the fish and wildlife aspects of the project, the understanding of the representatives from North Dakota in attendance at the conference concerning this feature is as follows:

a. The maximum extent of land for fish and wildlife purposes required under the million-acre Garrison Diversion Unit is 234,000 acres (of which 94,000 acres will be water and marsh), and under the 250,000-acre initial phase of the development, the maximum will be 149,445 acres, of which 9,010 acres are in South Dakota. It is the further understanding that any revision in these acreages will be downward.

b. Acquisition of land for fish and wildlife purposes by the United States will be in fee and former owners will have preference in any leasing arrangement for agricultural use of such lands.

c. Water required for the fish and wildlife features of the project will be included in the water rights acquired by the Bureau of Reclamation.

-2-

d. The Fish and Wildlife Service expressed sympathy with the suggestion for a more equitable return of lease rentals from lands acquired for fish and wildlife purposes to the county and local governments affected by such development.

e. The payment of operation and maintenance for delivery of water required for the fish and wildlife features of the project will not be the responsibility of local irrigation districts or of the conservancy district but will be assumed by the United States Fish and Wildlife Service or the North Dakota State Game and Fish Department.

3. North Dakota recognizes that the fish and wildlife features of the Garrison Diversion Unit is an integral and essential part of the project and that such development will materially enhance the fish and wildlife opportunities not only for the benefit of North Dakota but also for the Nation. North Dakota further recognizes the national interest in the Garrison Diversion Unit and supports the development of the fish and wildlife features of the project to a reasonable extent consistent with the primary purpose of the project.

6-13-61

R E S O L U T I O N

**Adopted By The
State Water Conservation Commission**

**Expressing Appreciation for Courtesies
Extended by City of Rugby**

WHEREAS, the North Dakota State Water Conservation Commission held a meeting in the city of Rugby on June 13, 1961 to discuss and participate in certain items of interest to that area; and

WHEREAS, the city of Rugby did provide excellent facilities for this meeting and for a subsequent meeting held by Governor William L. Guy, chairman of the State Water Conservation Commission; and

WHEREAS, the mayor, the city council and many residents of the city extended numerous hospitalities to the Commission,

BE IT THEREFORE RESOLVED by the State Water Conservation Commission, in meeting duly assembled at Rugby, North Dakota this 13th day of June, 1961, that this Commission extend its thanks to the officials of the city of Rugby for their courtesies and hospitality which aided materially in making this meeting a success.

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
 MONTHLY REPORT OF APPROPRIATIONS AS OF JUNE 30, 1961
 1959 - 1961 APPROPRIATIONS

FUND	AVAILABLE FUNDS		DISBURSEMENTS		FUND BALANCES		
	APPROPRIATION	RECEIPTS	TO DATE	JUN '61	UNEXPENDED	ENCUMB.	UNENCUMB.
1. COMM PER DIEM & EXPENSES	6,000.00	.00	5,191.06	255.56	808.94	372.22	436.72
2. ADMINISTRATION	49,200.00	743.38	48,328.03	2293.29	1,615.30	1,610.51	4.79
3. MAINTENANCE OF DAMS	115,000.00	139,963.09	246,955.36	4,436.44	8,007.23	8,007.23	.00
4. INT'L & INTERSTATE EXP	10,000.00	28.93	9,086.21	941.76	942.72	939.99	2.73
5. TOPOGRAPHIC SURVEYS, USGS	30,000.00	.00	29,456.29	107.24	543.71	543.71	.00
6. HYDROGRAPHIC SURVEYS, USGS	27,500.00	900.00	26,400.00	.00	.00	.00	.00
7. ENGR & GEOL SURVEYS, USGS	57,500.00	.00	45,197.29	1,311.01	12,302.71	12,302.71	.00
8. COOP WITH U. S. DEPT. ETC	57,000.00	6.44	51,919.08	1,893.55	5,087.36	5,052.28	35.08
9. ENGINEERING INVESTIGATIONS	138,000.00	3,323.65	131,585.01	4,150.74	9,738.64	9,688.44	50.20
10. ADM OF WATER LAWS	6,000.00	.00	5,052.07	1,302.69	947.33	941.90	6.03
11. OASIS CONTRIBUTIONS	<u>6,500.00</u>	<u>2,957.33</u>	<u>7,797.07</u>	<u>.00</u>	<u>1,660.76</u>	<u>1,286.10</u>	<u>374.56</u>
	<u>502,700.00</u>	<u>147,923.32</u>	<u>608,968.02</u>	<u>16,692.28</u>	<u>41,655.30</u>	<u>40,745.09</u>	<u>910.21</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
STATUS OF CONTINUING APPROPRIATIONS
AS OF JUNE 30, 1961

FUND	AVAILABLE FUNDS		DISBURSEMENTS		FUND BALANCES		
	APPROPRIATION	RECEIPTS	TO DATE	JUNE 1961	UNEXPENDED	ENCUMB.	UNENCUMB.
20. Multiple Purpose	200,000.00						
"Car Fwd"	178,751.98	42,569.17	257,737.54	2,851.41	163,583.61	157,181.75	6,401.86
21. Const. Bond Guar.	90,000.00	12,545.09	20,539.00	.00	82,006.09	.00	82,006.09
22. Shop Building-Spec.	30,000.00	-	1,910.33	1,910.33	28,089.67	17,013.14	11,076.53

Note- Fund #21 receipts are obtained from retirement of and interest on securities that were in the Commission's sinking fund in excess of the amount required to retire the series "J" Bond Issue on December 10, 1957. Original disbursements from fund #21 were made during the early 1940's in accordance with Section 61-02-56 of the Century Code which provides that the Commission may guarantee or insure, or agree to pay, the interest on and principal of Commission Revenue Bonds, not exceeding 20 % of the par value of any such bonds.

SCHEDULE OF BONDS & INTEREST RECEIVABLE

TYPE	DUE DATE	INTEREST RATE	INTEREST REC.		TOTAL INCOME ANTICIPATED
			TO MATURITY	PRINCIPAL AMOUNT	
U. S. Series G Bonds	3-62	2.50%	125.00	5,000.00	5,125.00
U. S. Series K Bonds	5-65	2.76%	165.60	1,500.00	1,665.60
U. S. Series K Bonds	4-67	2.76%	331.20	2,000.00	2,331.20
U. S. Treasury Bonds	12-15-68	2.50%	600.00	3,000.00	3,600.00
Sioux Irrigation Dist. Bonds 1984 Serially		2.25%	5,332.50	17,500.00	22,832.50
			6,554.30	29,000.00	35,554.30

The Construction Bond Guarantee Fund will attain its original cash level of \$90,000 in 1964 at which time legislative action will be required to determine disposition of the funds received in excess of the original appropriation as noted in the opinion of the Attorney General, dated January 2, 1958.

Fund Balance.....	82,006.09
Less Original Appropriation	90,000.00
Excess.....	27,560.39

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
 MONTHLY REPORT OF APPROPRIATIONS AS OF JUN 30 1961
 1957-1959 APPROPRIATIONS

FUND	AVAILABLE FUNDS		DISBURSEMENTS TO DATE	FUND BALANCES		
	APPROPRIATION	RECEIPTS		UNEXPENDED	ENCUMB.	UNENCUMB.
1. COMM PER DIEM & EXP	6,000.00	.00	6,000.00 #	.00	.00	.00
2. ADMINISTRATION	47,000.00	2,797.33 &	49,579.27	.00	218.06	218.06
3. MAINTENANCE OF DAMS	105,000.00	101,910.58	206,910.58	.00	.00	.00
4. INT'L & INTERSTATE EXP	8,000.00	14.85	7,997.33	.00	17.52	17.52
5. TOPOGRAPHIC SURVEYS, USGS	30,000.00	.00	30,000.00	.00	.00	.00
6. HYDROGRAPHIC SURVEYS, USGS	27,500.00	.00	27,500.00	.00	.00	.00
7. ENGR & GEOL SURVEYS, USGS	37,500.00	5,306.81	42,806.81	.00	.00	.00
8. COOP WITH U. S. DEPT, ETC	50,000.00	10.00	50,004.93	.00	5.07	5.07
9. SMALL PROJECTS, ETC	113,000.00	2,374.98	120,374.98 @	.00	.00	.00
10. ADM OF WATER LAWS	6,000.00	.00	6,000.00	.00	.00	.00
11. OASIS CONTRIBUTIONS	3,800.00	4,541.24 %	8,341.24	.00	.00	.00
	<u>438,300.00</u>	<u>116,955.79</u>	<u>555,515.14</u>	<u>.00</u>	<u>240.65</u>	<u>240.65</u>

INCL TRANSFER TO FUND #2 -\$523.62

@ INCL TRANSFER TO FUND #2 -\$97.57

& INCL TRANSFER FROM FUND #1-\$523.62 & FUND #9-\$97.57

% TRANSFER FROM EMERGENCY COMM -\$4,541.24

3-31-60

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
PAYROLL - JUNE 30, 1961

SALARIED EMPLOYEES

NAME	POSITION	PAY GRADE	REMARKS	SALARY JUN '61	WITH. TAX	SOC. SEC.	HOSP. INS	BONDS ETC	NET PAY
HOISVEEN, MILO W.	STATE ENGR	O-8	INC JUL '60	927.67	139.20	4.85	20.45	18.75	744.42
ANDERSON, LARRY	RODMAN	D-7	INC JUL '60	196.67	25.60	5.90			165.17
BAESLER, GORDON	DRAFTSMAN	G-4	INC JUN '61	399.67	51.30	11.99			336.38
BARES, KATHLEEN	SECRETARY	B-8	STA JUN '61	201.67	26.40	6.05			169.22
BISCHOF, DON	ENGR AID	D-5	STA MAY '61	274.90	38.80	8.25			227.85
COOPER, VERNON S.	ASST SECY	M-6	INC JUL '60	383.84	71.00	11.52	20.45		280.37
EMTER, JEANNE	TYPOST	D-7	RES JUN '61	196.67	25.60	5.90	20.45		144.72
FITTERER, GENE	DRILLER	F-5	RES JUN '61	137.03	22.80	4.11			110.12
FREDRICKSON, FRED	COORDINATOR	G-4	INC JUL '60	399.67	41.30	11.99			346.38
GEHRING, EDNA	FILE CLERK	C-7	INC JUL '60	226.17	40.70	6.79	8.20		170.48
GRINDBERG, ALAN	ENGINEER	K-2	INC FEB '61	583.67	106.20	17.51		175.00	284.96
HILAND, LEONE	CH STENO	F-6	INC JUL '60	364.17	45.50	10.93	8.20		299.54
KNUTSON, LEWIS	DRILLER	F-5	PER OCT '60	354.67	34.10	10.64			309.93
MOSER, IRVIN	RODMAN	B-9	INC JUL '60	206.67	27.10	6.20		18.75	154.62
NELSON, C. P.	ENGINEER	K-3	INC FEB '61	600.67	81.60	18.02			501.05
PEDERSON, GARY	ENGR AID	B-8	STA JUN '61	201.67	26.40	6.05			169.22
PUTZ, ROY	OFF ASST	A-10	INC JUL '60	189.50	14.20	5.68	8.20		161.42
REITER, DANIEL	FOREMAN	G-7	INC MAY '61	432.67	37.40	12.98	20.45	18.75	343.09
RIVINIUS, MERRIL	ENGINEER	H-8	STA FEB '61	504.17	81.80	15.13	8.45		398.79
SACKAMAN, EUGENE	INST MAN	G-1	INC MAY '60	366.67	15.50	11.00	20.45		319.72
SANDWICK, HAZEN	ENGINEER	K-7	INC JUL '60	668.67	68.80	20.06	20.45	37.50	521.36
SCHMID, ROGER	GEOLOGIST	F-10	STA MAR '61	402.17	43.80	12.07			346.30
SCHULZ, JIM	ACCOUNTANT	H-4	INC JUN '61	454.17	51.00	13.63			389.54
SCHWINKENDORF, DON	INST MAN	E-6	INC AUG '60	306.67	45.40	9.20			252.07
TIMM, ROBERT J.	ASST ST ENG	K-9	INC JUL '60	702.67	76.00	21.08	20.45		585.14
WALTERSON, HOWARD	FOREMAN	G-7	INC MAY '61	432.67	57.40	12.98	20.45		341.84
WALTERSON, JEAN	DRAFTSMAN	E-3	INC FEB '61	282.67	31.10	8.48			243.09
				<u>10,398.18</u>	<u>1,326.00</u>	<u>288.99</u>	<u>196.65</u>	<u>263.75</u>	<u>8,317.79</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
PAYROLL - JUNE 30, 1961

HOURLY EMPLOYEES

NAME	POSITION	PAY GRADE	REMARKS	SALARY JUN' 61	WITH. TAX	SOC. SEC.	NET PAY
BEATTY, LESTER	DRILLER	1.75	STA APR' 61	277.38	41.20	8.32	227.86
BURKHARTSMEIER, G.	LABORER	1.70	INC JUN' 61	268.95	42.00	8.07	218.88
ERICKSON, STANLY	LABORER	1.50	RES JUN' 61	201.00	29.30	6.04	165.66
JOHNSON, GEORGE	OPERATOR	2.00	INC APR' 61	263.00	40.80	7.89	214.31
LEE, ROGER	OPERATOR	1.65	FIR MAY' 61	8.25	1.20	.25	6.80
NEWGARD, DENNIS	OPERATOR	1.95	INC APR' 61	314.93	49.50	9.45	255.98
PETERSON, JOHN	OPERATOR	2.00	INC APR' 61	327.00	52.60	9.81	264.59
SCHAAN, EDWARD	LABORER	1.70	INC JUN' 61	254.10	39.30	7.62	207.18
SCHWEIGERT, CALVIN	OPERATOR	1.65	INC JUN' 61	173.25	25.40	5.21	142.64
SOULE, WAYNE	ASST DRILLER	1.75	INC MAY' 61	406.01	63.30	12.18	330.03
VOELLER, PIUS	OPERATOR	1.95	INC APR' 61	261.30	2.70	7.84	250.76
				<u>2,755.17</u>	<u>387.80</u>	<u>82.68</u>	<u>2,284.69</u>
						.00	.00

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
 MONTHLY REPORT OF APPROPRIATIONS AS OF JULY 31, 1961
 1961 - 1963 APPROPRIATIONS

FUND	AVAILABLE FUNDS		DISBURSEMENTS		FUND BALANCES		
	APPROPRIATION	RECEIPTS	TO DATE	JUL '61	UNEXPENDED	ENCUMD.	UNENCUMD.
1. COMM PER DIEM & EXPENSES	6,000.00	.00	.00	.00	6,000.00	.00	6,000.00
2. ADMINISTRATION	62,000.00	10.00	1,948.94	1,948.94	60,061.06	769.98	59,291.08
3. MAINTENANCE OF DAMS	150,000.00	.00	3,743.54	3,743.54	146,256.46	11,141.18	135,115.28
4. INT'L & INTERSTATE EXP	10,000.00	.00	.00	.00	10,000.00	.00	10,000.00
5. TOPOGRAPHIC SURVEYS, USGS	30,000.00	.00	.00	.00	30,000.00	.00	30,000.00
6. HYDROGRAPHIC SURVEYS, USGS	27,500.00	.00	.00	.00	27,500.00	.00	27,500.00
7. ENGR & GEOL SURVEYS, USGS	50,000.00	1,500.00	952.32	952.32	50,547.68	1,545.86	49,001.82
8. COOP WITH U. S. DEPT, ETC	60,000.00	.00	974.76	974.76	59,025.24	342.15	58,683.09
9. ENGR INVESTIGATIONS	145,000.00	600.00	4,054.51	4,054.51	141,545.49	1,000.07	140,545.42
10. ADM OF WATER RIGHTS	<u>10,000.00</u>	<u>.00</u>	<u>1,173.52</u>	<u>1,173.52</u>	<u>8,826.48</u>	<u>161.84</u>	<u>8,664.64</u>
	550,500.00	2,110.00	12,847.59	12,847.59	539,762.41	14,961.08	524,801.33

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
STATUS OF CONTINUING APPROPRIATIONS
AS OF JULY 31, 1961

FUND	AVAILABLE FUNDS		DISBURSEMENTS		FUND BALANCES		
	APPROPRIATION	RECEIPTS	TO DATE	JULY 1961	UNEXPENDED	ENCUMB.	UNENCUMB.
20. Multiple Purpose "Car Fwd"	300,000.00 163,583.61		3,889.35	3,889.35	459,694.26	140,757.11	318,937.15
21. Const. Bond Guar.	90,000.00	12,582.59	20,539.00	.00	82,043.59	.00	83,043.59
22. Shop Building-Spec	30,000.00	-	6,214.41	4,304.08	23,785.59	18,525.93	5,259.66

Note - Fund #21 receipts are obtained from retirement of and interest on securities that were in the Commission's sinking fund in excess of the amount required to retire the series "J" Bond Issue on December 10, 1957. Original disbursements from fund #21 were made during the early 1940's in accordance with Section 61-02-56 of the Century Code which provides that the Commission may guarantee or insure, or agree to pay, the interest on and principal of Commission Revenue Bonds, not exceeding 20% of the par value of any such bonds.

SCHEDULE OF BONDS & INTEREST RECEIVABLE - FUND NO. 21

<u>TYPE</u>	<u>DUE DATE</u>	<u>INTEREST RATE</u>	<u>INTEREST REC. TO MATURITY</u>	<u>PRINCIPAL AMOUNT</u>	<u>TOTAL INCOME ANTICIPATED</u>
U. S. Series G Bonds	3-62	2.50%	125.00	5,000.00	5,125.00
U. S. Series K Bonds	5-65	2.76%	165.60	1,500.00	1,665.60
U. S. Series K Bonds	4-67	2.76%	331.20	2,000.00	2,331.20
U. S. Treasury Bonds	12-15-68	2.50%	562.50	3,000.00	3,562.50
Sioux Irrig. Dist. Bonds	1984 Serially	2.25%	5,332.50	17,500.00	22,832.50
			<u>6,516.80</u>	<u>29,000.00</u>	<u>35,516.80</u>
			Fund Balance.		<u>82,043.59</u>
					117,560.39
			Less Original Appropriation..		<u>90,000.00</u>
			Excess.		<u>27,560.39</u>

The Construction Bond Guarantee Fund will attain its original cash level of \$90,000 in 1964 at which time legislative action will be required to determine disposition of the funds received in excess of the original appropriation as noted in the opinion of the Attorney General, dated January 2, 1958.

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
 MONTHLY REPORT OF APPROPRIATIONS AS OF JULY 31, 1961
 1959 - 1961 APPROPRIATIONS

FUND	AVAILABLE FUNDS		DISBURSEMENTS		FUND BALANCES		
	APPROPRIATION	RECEIPTS	TO DATE	JUL '61	UNEXPENDED	ENCUMB.	UNENCUMB.
1. COMM PER DIEM & EXPENSES	6,000.00	.00	5,360.35	169.29	639.65	222.00	4,176.5
2. ADMINISTRATION	49,200.00	7,443.38	48,834.97	506.79	1,109.51	1,100.00	9.51
3. MAINTENANCE OF DAMS	115,000.00	142,463.97	246,259.38	1,303.52	9,204.59	9,204.59	.00
4. INT'L & INTERSTATE EXP	10,000.00	28.93	9,501.20	414.99	527.73	525.00	2.73
5. TOPOGRAPHIC SURVEYS, USGS	30,000.00	.00	29,456.29	.00	543.71	543.71	.00
6. HYDROGRAPHIC SURVEYS, USGS	27,500.00	900.00	28,400.00	.00	.00	.00	.00
7. ENGR & GEOL SURVEYS, USGS	57,500.00	.00	49,610.81	4,413.52	7,389.19	7,748.56	140.63
8. COOP WITH U.S. DEPT, ETC	57,000.00	6.44	53,436.85	1,517.77	3,569.59	3,524.51	45.08
9. ENGINEERING INVESTIGATIONS	138,000.00	4,742.75	140,523.33	8,938.32	2,219.42	2,154.32	65.10
10. ADM OF WATER LAWS	6,000.00	.00	5,446.18	394.11	553.82	469.00	84.82
11. OASIS CONTRIBUTIONS	6,500.00	2,957.83	9,083.17	1,286.10	374.66	46.86	327.80
	<u>502,700.00</u>	<u>151,844.30</u>	<u>627,912.43</u>	<u>18,944.41</u>	<u>26,631.87</u>	<u>25,538.55</u>	<u>1,093.32</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
PAYROLL - JULY 31, 1961

SALARIED EMPLOYEES

NAME	POSITION	PAY GRADE	REMARKS	SALARY JUL '61	WITH. TAX	SOC. SEC.	HOSP. INS	BONDS ETC	NET PAY
HOISVEEN, MILO W.	STATE ENGR	O-9	INC JUL '61	950.67	139.20		20.45	18.75	772.27
ANDERSON, LARRY	RODMAN	B-9	INC JUL '61	206.67	27.10	6.20			173.37
BAESLER, GORDON	DRAFTSMAN	G-4	INC JUN '61	399.67	51.30	11.99			336.38
BARES, KATHLEEN	TYPIST	B-8	STA JUN '61	201.67	26.40	6.05			169.22
BISHOP, DON	ENGR AID	D-5	STA MAY '61	252.00	35.40	7.56			209.04
COOPER, VERNON S.	ASST SECY	M-7	INC JUL '61	393.84	71.30	11.82	20.45		290.27
FREDRICKSON, FRED	COORDINATOR	G-6	INC JUL '61	421.67	47.40	12.65			361.62
GEHRING, EDNA	FILE CLERK	C-8	INC JUL '61	231.92	41.40	6.96	8.20		175.36
GRINDBERG, ALAN	ENGINEER	K-3	INC JUL '61	600.67	111.60	18.02		175.00	296.05
HILAND, LEONE	CH STENO	F-7	INC JUL '61	373.67	47.00	11.21	8.20		307.26
KNUTSON, LEWIS	DRILLER	G-1	INC JUL '61	366.67	35.50	11.00			320.17
MOSEY, IRVIN	RODMAN	C-5	INC JUL '61	214.67	28.50	6.44		18.75	160.98
NELSON, C. P.	ENGINEER	K-4	INC JUL '61	617.67	81.60	18.53			517.54
PEDERSON, GARY	ENGR AID	B-8	STA JUN '61	201.67	26.40	6.05			169.22
PUTZ, ROY	OFF ASST	B-7	INC JUL '61	196.67	15.50	5.90	8.20		166.97
REITER, DANIEL	FOREMAN	G-7	INC MAY '61	432.67	37.40	12.98	20.45	18.75	343.09
RIVINIUS, MERRIL	ENGINEER	H-8	STA FEB '61	504.17	81.80	15.13	8.45		398.79
SACKMAN, EUGENE	INST MAN	G-2	INC JUL '61	377.67	18.40	11.33	20.45		327.49
SANDWICK, HAZEN	ENGINEER	K-8	INC JUL '61	685.67	76.00	20.57	20.45	37.50	531.15
SCHMID, ROGER	GEOLOGIST	F-10	STA MAR '61	402.17	43.80	12.07			346.30
SCHULZ, DELTON	ENGINEER	H-8	STA JUL '61	473.68	74.60	14.21			384.87
SCHULZ, JIM	ACCOUNTANT	H-4	INC JUN '61	454.17	51.00	13.63			389.54
SCHWINKENDORF, DON	INST MAN	F-1	INC JUL '61	316.67	46.90	9.50			260.27
TIMM, ROBERT J.	ASST ST ENG	K-9	RES AUG '61	702.67	76.00	17.52	20.45		588.70
WALTERSON, HOWARD	FOREMAN	G-7	INC MAY '61	432.67	57.40	12.98	20.45		341.84
WALTERSON, JEAN	DRAFTSMAN	E-3	INC FEB '61	282.67	31.10	8.48			243.09
				10,694.68	1,380.10	288.78	176.20	268.75	8,580.85

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
PAYROLL - JULY 31, 1961

HOURLY EMPLOYEES

NAME	POSITION	PAY GRADE	REMARKS	SALARY JUL '61	WITH. TAX	SOC. SEC	HOSP. INS	NET PAY
BEATTY, LESTER	DRILLER	1.75	INC MAY '61	318.50	48.00	9.56		260.94
BURKHARTSMEIER, G.	OPERATOR	1.75	INC JUL '61	373.90	56.70	11.23		305.97
DONNELLY, KEVIN	LABORER	1.50	STA JUL '61	55.50	8.60	1.67		45.23
ERICKSON, STANLY	LABORER	1.50	RES JUN '61	13.50	2.15	.41		10.94
GORDEN, ALLEN	LABORER	1.50	RES JUL '61	318.00	16.70	9.55		291.75
GUNSCH, ROY	LABORER	1.50	RES JUN '61	192.00	27.70	5.77		158.53
JOHNSON, GEORGE	OPERATOR	2.00	INC APR '61	545.00	87.55	16.35		441.10
LUND, KEITH	LABORER	1.50	RES JUL '61	116.25	15.60	3.49		97.16
NEWGARD, DENNIS	OPERATOR	1.95	INC APR '61	390.01	40.50	11.68		337.83
PETERSON, JOHN	OPERATOR	2.00	INC APR '61	472.00	74.50	14.16		383.34
RUFF, FILLMORE	ASST DRILLER	1.60	STA JUN '61	291.20	43.30	8.74		239.16
SCHAAN, EDWARD	LABORER	1.75	INC JUL '61	385.80	58.90	11.58		315.32
SCHWEIGERT, CALVIN	OPERATOR	1.65	INC JUN '61	407.56	61.70	12.23		333.63
SOULE, WAYNE	ASST DRILLER	1.75	INC MAY '61	403.38	63.00	12.10		328.28
VOELLER, PIUS	OPERATOR	2.00	INC JUL '61	533.86	15.75	16.02		502.09
				4,816.46	620.55	144.54		4,051.27