

STATE WATER CONSERVATION COMMISSION
Minutes of Meeting
Held in Bismarck, North Dakota
June 10, 1963

Members Present:

Oscar Lunseth, Vice Chairman, Grand Forks
William W. Corwin, Member from Fargo
Henry Steinberger, Member from Donnybrook
Richard P. Gallagher, Member from Mandan
Einar Dahl, Member from Watford City
Math Dahl, Commissioner, Department of Agriculture & Labor, Bismarck
Fred J. Fredrickson, Planning Coordinator, Bismarck
Milo W. Hoisveen, Secretary & Chief Engineer, State Engineer, Bismarck

Others Present:

Oscar Berg, Executive Secretary, North Dakota Water Users Assn., Minot
Holger Bertelson, Chairman, Richland County Water Conservation & Flood
Control District, Fairmount
Tollef Lee, Director, Richland County Water Conservation & Flood Control
District, Kindred

The meeting was called to order at 9:00 a.m. by Vice Chairman Lunseth. Present were Commissioners Einar Dahl, William Corwin, Henry Steinberger, Milo W. Hoisveen. Secretary Hoisveen, at the request of Governor Guy, represented the Governor at the Commission meeting.

APPROVAL OF MAY (April)
1963 MINUTES

It was moved by Commissioner Einar Dahl and seconded by Commissioner Corwin that the minutes of May, 1963, be approved as

distributed. Motion carried.

ELM RIVER CHANNEL IMPROVEMENT
BLANCHARD TOWNSHIP

The Traill County Water Conservation and Flood Control District having submitted to this Commission for its consideration completed plans and specifications for a public works project on the Elm River Channel Improvement, Blanchard Township. On recommendation of the State Engineer, who is also the Chief Engineer and Secretary of the Commission, it was moved by Commissioner Math Dahl and seconded by Commissioner Corwin that the said plans and specifications be approved without change or modification, which motion unanimously carried. The Secretary was directed to inform the District Board of Directors of the Commission action and to advise the Board that it should give appropriate notice to the affected landowners of the Commission action, and that such notice should also state that any person or persons aggrieved by such ruling of the Commission may present their views to and be heard by the Commission at its meeting on July 22, 1963, at 10:00 a.m. in its office in the State Capitol, Bismarck, North Dakota, or on such other date the Commission shall meet in the event of postponement.

**CRIPPLED CHILDREN'S HOME REQUEST
FOR COST PARTICIPATION IN PROPOSED
CHANNEL CHANGE ON JAMES RIVER**

The Corps of Engineers in its original program for alleviating flooding on the James River in Jamestown suggested a channel change near the Crippled Children's School to reduce the channel length as a part of their plan. The citizens of Jamestown did not approve the Corps of Engineers proposal; however, they are interested in the proposed cutoff. By the use of a chart, Secretary Hoisveen explained the advantages and disadvantages of the two proposed cutoffs. The City Engineer for the City of Jamestown has been requested to submit a proposed cost estimate for the channel change. The Commission approved the proposal but indicated that they would be unable to participate in the project cost until a cost estimate had been made available.

**DRAIN #18
DRAIN #22
ROSEBUD COULEE**

Requests from the Pembina Drain Board were taken under consideration.

Drain #18 outlets into Rosebud Coulee. No previous work has been done on this drain, except a farm approach bridge repair. Participation on the part of the Water Commission is 40 per cent of the qualified construction items, which would amount to \$8,133.70.

Drain #22 also outlets into Rosebud Coulee. The original route was dug in 1949 with the State Water Commission participation totaling \$10,821.77. Reconstruction of this drain involves reroute over practically the entire length to improve hydraulic characteristics. The Commission's share in this participation would be \$6,889.

It was moved by Commissioner Corwin and seconded by Commissioner Math Dahl that the Commission participate in Drain #18 up to \$8,133.70 and in Drain #22 up to \$6,889. Motion carried.

**RESOLUTION: CRETE-
COGSWELL DRAIN**

Resolutions were received in the office of the Water Commission from the Governor's office and from the Fish and Wildlife

Service relative to a resolution passed by the Ransom County Soil Conservation District regarding the flooding in Coburn and Green Townships and requesting the Governor to take the lead in providing a thorough study of this area problem. The Fish and Wildlife Service, in a letter from Mr. Burwell, expressed its willingness to cooperate in a study of the problem and to have representatives of the Fish and Wildlife Service attend meetings which may be set up. The Commission was informed that the State Water Commission had held meetings with the local people since this request. The Drainage Engineer has made recommendations which include the possible construction of a deep drain when the Bureau of Reclamation constructs the Garrison Diversion Unit.

**MISSISSIPPI VALLEY ASSOCIATION
DUES**

The Water Commission's dues to the Mississippi Valley Association in the sum of \$300 are due. Secretary Hoisveen stated that the

Association had been very helpful in various North Dakota projects - Garrison Diversion Unit, Bowman-Haley Project and other North Dakota water projects. It was moved by Commissioner Einar Dahl and seconded by Commissioner Corwin that the Water Commission's dues in the sum of \$300 be paid to the Mississippi Valley Association. Motion carried.

**WALSH COUNTY WATER MANAGEMENT
DISTRICT LETTER CONCERNING
APPROVAL OF SOUKUP DAM**

At the April 30 meeting, the Commission approved the designs and specifications without change or modification for Soukup Dam and the District Board was advised to take appropriate action to notify the affected landowners of such action. Copies of letters to the landowners involved were forwarded to the Water Commission. The letter from E. R. Nyman, Secretary of the flood control district, states that a hearing for any aggrieved person will be held in the office of the State Water Conservation Commission on June 10, 1963 at 9:00 a.m. in its office in the State Capitol, Bismarck. No appearance by either side was made at this meeting in regard to the dam. It is assumed that this matter has been properly disposed of as far as the Commission is concerned.

**GOLDEN LAKE RESTORATION
CORPORATION - REGARDING
PARTICIPATION AND DESIGN
OF CONTROL STRUCTURE
BETWEEN RUSH LAKE AND
GOLDEN LAKE**

The Golden Lake Restoration Corporation with headquarters at Hatton is requesting that a concrete structure be built to maintain a permanent water level in Rush Lake and is requesting Commission participation. The cost approximates \$4,200 and would be on a 50-50 basis. It was moved by Commissioner Math Dahl and seconded by Commissioner Corwin that the Commission participate in a concrete structure to be built to maintain a permanent water level in Rush Lake up to \$2,100. Motion carried.

**PROPOSED DAM CONSTRUCTION ON
MOUSE RIVER ABOVE MINOT
(Harrington Letter)**

Mr. W. H. Harrington of Minot forwarded to the State Water Commission a copy of his letter to Colonel Strandberg opposing the building of a dam near Burlington, and sets forth alternate solutions relative to the safety of Lake Darling. It was pointed out by Secretary Hoisveen that there had been considerable controversy as to whether the Lake Darling structure is adequate. If the proposed dam at Burlington is built it would affect the Harrington property.

**COMMISSION POLICY REGARDING
INCREMENTAL RAISES, SICK
LEAVE AND ANNUAL LEAVE
(Fredrickson Resolutions)**

The policy of the State Water Commission regarding incremental raises, sick leave and annual leave was reviewed by the Commission members. There was considerable discussion relative to Mr. Fredrickson's expenses while in Bismarck, in view of the fact that he has no expense account while he is in Bismarck. It was recommended that Mr. Fredrickson maintain an office in Valley City. Commissioner Corwin presented four resolutions for adoption by the State Water Commission and moved their adoption. The motion was seconded by Commissioner Math Dahl.

RESOLUTION

BE IT RESOLVED by the State Water Commission, pursuant to Section 61-02-06 of the North Dakota Century Code, that there is hereby established a branch office of the State Water Commission in the City of Valley City which shall be maintained until such time as the Commission shall determine.

RESOLUTION

BE IT RESOLVED by the State Water Commission that there is hereby established the office of Planning Coordinator of the State Water Commission who shall have such powers and duties as the State Engineer may determine.

RESOLUTION

BE IT HEREBY RESOLVED that the office of Planning Coordinator is established in the City of Valley City, North Dakota.

RESOLUTION

BE IT HEREBY RESOLVED that Mr. Fred J. Fredrickson is hereby appointed Planning Coordinator of the State Water Conservation Commission

Upon vote the four resolutions were unanimously adopted.

FINANCIAL STATEMENT
FOR MAY 1963

The May, 1963 financial statement was reviewed by the Commission members.

Secretary Hoisveen requested the Commission members to present their expense vouchers for payment at the earliest possible date in order that they may be paid from 1961-1963 funds. It was moved by Commissioner Einar Dahl and seconded by Commissioner Steinberger that the May financial statement be approved. Motion carried.

BRIDGE - LAKE METIGOSHE

The present bridge at Lake Metigoshe is not wide enough for two-way passage. The

Lake Metigoshe Improvement Association is requesting that another bridge be installed at a point about 200 yards west of the existing bridge. The Association has also written to the State Highway Department, apparently indicating a desire to have state participation in the project. The State Water Commission does not participate in bridge construction in view of it being a highway matter. It was recommended that the Secretary acknowledge the letter stating that the Commission is interested in their problem and hope it will be solved. No cost estimate was furnished. It was the opinion of the Commission that this was the function of the township board and the highway department. The question was raised as to whether a water management district is authorized to build a bridge. No definite decision was reached.

ANTELOPE CREEK

The Richland County Water Conservation and Flood Control District requests the

State Water Commission to request the Corps of Engineers for an examination of the feasibility of the Antelope Creek drainage problem and a determination of the possibility of the Corps taking over this project. Mr. Hoisveen

reported that the Corps is making a study of this project as a result of a letter forwarded by the Commission requesting participation.

CASS COUNTY DRAIN #2 B

Commissioner Corwin reported on Cass County Drain #2 B which is a part of the Rush River Flood Control District and as a consequence it is an unfinished part of the Rush River Project which the Corps of Engineers started several years ago. As a result of requests by the Commission, the Corps has again become interested in this problem and through their efforts some of the adversities in that area might be overcome. There is a tremendous amount of opposition to the cost construction of the new feature of this drain.

Mr. Corwin reported that he had attended the meeting called by the Corps of Engineers regarding the drain. He stated that this drain was originally constructed in the wrong place in 1911. The downstream people are afraid that if this drain is constructed their property will be damaged. The Corps of Engineers had a cost estimate of around a half million dollars, including the straightening of the upper reaches of the Rush River. Approximately \$100,000 would be required by right of way and bridges which is considered a local expenditure.

AUDIT REPORT FOR June 30, 1961 to June 30, 1962

The audit report for June 30, 1961 to June 30, 1962 of the State Water Commission was reviewed by the Commissioners. It was moved by Commissioner Math Dahl and seconded by Commissioner Steinberger that the Auditor's Report be received and filed and that the report is available to any Commissioners who wish to study the report. Motion carried.

SUGGESTED DRAINAGE POLICY CHANGE

Secretary Hoisveen reviewed some of the policies regarding drainage participation which has served in guiding the Commission in cost participation. He indicated that some changes were necessary where improved hydraulic characteristics would result from reconstruction or rehabilitation of drains. He indicated how this could be accomplished through a graphic illustration. It is suggested that the Commission review this information and act upon it at the next meeting. (See Appendix A.)

RICHLAND COUNTY DRAIN #55

Directors of the Richland County Water Conservation and Flood Control District requested permission to appear before the Commission relative to Drain #55. Before their appearance Secretary Hoisveen explained that the Commission had participated in Drain #55 several years ago. The District Board is again requesting participation on the part of the Commission in this drain. By the use of a diagram, Secretary Hoisveen explained the drainage problem and what is necessary to be done to alleviate the problem. It is the policy of the Commission not to participate in the maintenance of drains after the first cleanout. He implied that if the suggested policy were enacted the Commission could participate in that portion of the drain which actually constituted new construction and it involved an improvement in the hydraulic characteristics of the drain as well as affording additional capacity.

Mr. Holger Bertelson and Mr. Tollef Lee, directors of the Richland County Water Conservation and Flood Control District, appeared before the Commission relative to Drain #55. They were requesting that the side slopes of the drain be changed from 2:1 slopes to 4:1 slopes. With the slopes 2:1 it was impossible to maintain the drains and keep them clean because they could not get a mower on the side slopes. Secretary Hoisveen explained that the Commission did not participate in cleanouts and maintenance of drains. The Commission could participate if there were changes in the hydraulic characteristics of the drain by going to slopes 4:1 instead of 2:1. The ditches in Drain #55 vary from 4 to 5½ feet in depth. Mr. Bertelson stated that there was a 15 foot drop in a 9 mile distance. He also explained that the water in this drain would be drained into the Bois de Sioux. The directors were requested to submit a cost estimate in order to permit the Commission to decide the extent to which they would participate. Vice Chairman Lunseth assured the directors the State Water Conservation Commission would participate in this drain when they have gone over the proposed cost estimate submitted by the flood control district.

The Commissioners recessed at 11:40 a.m. to attend the luncheon of the Mississippi Valley Association held at the Hall of Four Seasons. The meeting reconvened at 2:20 p.m. with Commissioners Lunseth, Corwin, Einar Dahl, Gallagher and Secretary Hoisveen present.

**FEASIBILITY SURVEY ON
RAISING STERLING
RESERVOIR**

The Sterling Community Men's Group forwarded \$200 to the Water Commission for a feasibility survey for the creation of a new reservoir or the raising of the existing Sterling Reservoir. Feasibility would require the raising of the present impoundment by about 6 feet to provide winter maintenance for fish life. It was the opinion of the Commission members that the Village of Sterling should be the legal entity with whom the Water Commission deals. It was moved by Commissioner Einar Dahl and seconded by Commissioner Corwin that the request for a feasibility survey for the creation of a new reservoir or the raising of the existing Sterling Reservoir be approved. Motion carried.

**WELLS COUNTY GROUNDWATER
STUDY**

The Wells County Board of County Commissioners and the Wells County Water Management District request the State Water Commission to conduct a groundwater survey for Wells County with a possible starting date of July 1, 1964. It was moved by Commissioner Einar Dahl and seconded by Commissioner Corwin that the Commission approve the request of the Wells County Board of Commissioners and the Wells County Water Management District for a ground water survey for Wells County. Motion carried.

MOTT DAM

The citizens of Mott are interested in securing additional funds for the investigation of the Cannonball division in the Mott unit and have been corresponding with their congressional representatives in Washington, D. C. They are requesting the cooperation of the State Water Commission. It was recommended that the Water Commission support this project.

RED RIVER BASIN STUDY
RESOLUTION

The Red River Basin Planning Committee, at its meeting held in East Grand Forks, Minnesota on May 23, 1963, adopted a reso-

lution relative to the need for a comprehensive survey and study of the many water problems in the drainage basin of the Red River of the North. It was suggested by Governor Guy that each of the two states, through their water resources agencies, follow up and also request the departments and agencies named in the resolution to take prompt action to initiate such survey, investigation and study. Secretary Hoisveen recommended that the State Water Commission adopt an appropriate resolution supporting the resolution of the Red River Basin Planning Committee. It was moved by Commissioner Gallagher and seconded by Commissioner Corwin that the State Water Conservation Commission adopt the following

RESOLUTION

Red River of the North Drainage Basin

BE IT RESOLVED by the North Dakota State Water Conservation Commission, in regular meeting June 10, 1963, in its office in the State Capitol, that it considers the need for a comprehensive survey, investigation and study of the many water problems in the drainage basin of the Red River of the North to be urgent and pressing and does hereby most respectfully request and petition Senators Milton R. Young and Quentin N. Burdick and Representatives Don L. Short and Hjalmar Nygaard to seek adequate Federal funds to enable the several Federal departments and agencies concerned to initiate and undertake in fiscal year 1964 the required surveys, investigations and studies and to carry them forward to early completion; and

BE IT FURTHER RESOLVED that the following named Federal departments and agencies be requested and urged to promptly initiate such investigative work upon receipt of funds therefor and to carry the same forward to an early conclusion with reports and recommendations thereon:

U. S. Corps of Engineers, Department of the Army
Soil Conservation Service, Department of Agriculture
Forestry Service, Department of Agriculture
Bureau of Reclamation, Department of the Interior
U. S. Geological Survey, Department of the Interior
Fish and Wildlife Service, Department of the Interior
Bureau of Outdoor Recreation, Department of the Interior
Department of Health, Education and Welfare
U. S. Section, International Joint Commission; and

BE IT FURTHER RESOLVED that the Secretary transmit by mail copies hereof to the members of the North Dakota congressional delegation, the Federal departments and agencies named above, and to Governors Karl F. Rolvaag of Minnesota and William L. Guy of North Dakota.

Upon vote the resolution was unanimously adopted.

**POLICY REGARDING DRILL
OPERATIONS**

Secretary Hoisveen stated that a policy regarding added work for drill operations in connection with municipal, industrial and recreational development was needed. The Secretary gave, as an example, a request of Valley City for the drilling of a deep hole to determine whether water from the Dakota Sands aquifer, approximately 1000 feet or more below the surface, is adequate both from a quantitative and qualitative standpoint. This would be done for the purpose of determining whether a plant could be built for use in processing barley malt in the Valley City area. Such a factory would need cooling water. It was thought water would be available in the deep strata at a cost considerably below that charged by the municipal plant. This type of work is in addition to the regular groundwater survey work. It does, however, have a specific benefit in the over-all state survey. This type of work would be done on a 50-50 basis. It was moved by Commissioner Corwin and seconded by Commissioner Gallagher that the State Engineer be authorized to conduct such studies which contribute to the good of the program and the economy of the State if sponsored and bearing cost participation by a local legal entity to the extent of 50 per cent. In those instances where the Commission equipment is not available or unable to meet the requirements additional equipment may be hired. Motion carried.

**SALARY ADJUSTMENT
(Hoisveen)**

At the request of the Commission members Secretary Hoisveen left the meeting. The Commission members discussed the salary of the Secretary and were of the opinion, after investigation, that his salary was not comparable with that of other state engineers and that his duties are more extensive. It was moved by Commissioner Corwin and seconded by Commissioner Gallagher that the salary of the State Engineer be increased to \$13,500 effective July 1st, 1963. Motion Carried.

Secretary Hoisveen was called back to the meeting and informed of the action of the Commission members.

WATER RIGHTS

#549

The water right of August Wagner of Engelvale came up for consideration in 1956. The Commission wrote to him for certain information but received no answer. After a recent inspection, this information was obtained and the State Engineer recommends that August Wagner be granted the right to divert 375 acre-feet of water from underground sources to irrigate 300 acres. It was moved by Commissioner Corwin and seconded by Commissioner Gallagher that August Wagner be granted the right to divert 375 acre-feet of water from underground sources to irrigate 300 acres. Motion carried.

#1073

Yegens' Dairy, Bismarck, requests the right to divert 270 acre-feet of water from underground sources to irrigate 265 acres. It was moved by Commissioner Gallagher and seconded by Commissioner Corwin that Yegen's Dairy be granted the right to divert 270 acre-feet of water from underground sources to irrigate 265 acres, limited to 1000 gallons per minute or 2.4 c.f.s. Motion carried.

#1082

Clifford Flegel, Carrington, requests the right to divert 20 acre-feet of water from underground sources to irrigate 9 acres. It was moved by Commissioner Gallagher and seconded by Commissioner Corwin that Clifford Flegel be granted the right to divert 18 acre-feet of water from underground sources to irrigate 9 acres. Motion carried.

#1084

Bernard I. Wilson, Sentinel Butte, requests the right to divert 29.3 acre-feet of water from a small tributary of Garner Creek, tributary of the Little Missouri River, for livestock water and erosion control. It was moved by Commissioner Einar Dahl and seconded by Commissioner Corwin that Bernard I. Wilson be granted the right to divert 29.3 acre-feet of water from the small tributary of Garner Creek for livestock water and erosion control. Motion carried.

adjourned at 3:15 p.m.

There being no further business the meeting

Respectfully submitted,

Milo W. Hrisaevan

Secretary

ATTEST:

William L. Guy
Governor

Appendix A

RECOMMENDED COMMISSION POLICY ON DRAINS

- A. Control structures in old and new drains: Policy: Retain and confirm present policy of 50-50 participation in those drains where Commission forces perform the actual work and on a 40-60 basis where it is accomplished through some other means.
- B. On second cleanout, which has been regarded as deferred maintenance, and in previous policy established as "No participation", - Suggested policy: Allow participation in cleanout insofar as the improvement will benefit hydraulic characteristics, and permit a more realistic program of maintenance due to gentler slopes on the sides. Definition of Improvement: That portion of the estimated excavation which is chargeable to widening the ditch bottom, deepening the ditch bottom below the designed grade of the previous cleanout, and providing 3:1, 3½:1 or 4:1 side slopes in place of original 1½:1 or 2:1. Excavation of silted-up bottom or sloughed-in banks to be regarded as deferred maintenance. Replacement of drainage structures to be considered qualified items only insofar as capacity increase is needed. Drop structure participation to be considered separately.
- C. For simplicity, it is suggested that the proportion of excavation in the 2nd cleanout estimate which is chargeable to improved capacity, greater length, and a stabler, maintainable ditch be used to calculate the proportion of the basic 40% of qualified construction items normally committed, which could be allowed for the second reconstruction.

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
 MONTHLY REPORT OF APPROPRIATIONS AS OF JUNE 30, 1963
 1961 - 1963 APPROPRIATIONS

FUND	AVAILABLE FUNDS		DISBURSEMENTS		FUND BALANCES		
	APPROPRIATION	RECEIPTS	TO DATE	JUN'63	UNEXPENDED	ENCUMB.	UNENCUMB.
1. COMM PER DIEM & EXP	6,000.00	.00	5,764.87	195.07	235.13	194.00	41.13
2. ADMINISTRATION	62,000.00	1,678.84	61,885.07	2,210.06	1,793.77	1,738.40	55.37
3. MAINTENANCE OF DAMS	150,000.00	117,544.40	267,284.58	3,190.32	259.82	249.82	10.00
4. INT'L & INTERSTATE	10,000.00	.00	9,985.83	.00	14.17	.00	14.17
5. TOPOGRAPHIC SURVEYS	30,000.00	.00	23,787.21	1,885.24	6,212.79	6,212.79	.00
6. HYDROGRAPHIC SURVEYS	27,500.00	.00	27,500.00	.00	.00	.00	.00
7. ENGR & GEOL SURVEYS	50,000.00	25,721.00	75,467.92	2,525.49	253.08	239.68	13.40
8. COOP WITH US DEPT, ETC	60,000.00	559.85	59,310.26	4,138.15	1,249.59	1,077.01	172.58
9. ENGR INVESTIGATIONS	145,000.00	6,772.61	145,259.95	6,943.01	6,512.66	4,897.92	1,614.84
10. ADM OF WATER RIGHTS	10,000.00	.00	9,761.21	.00	238.79	228.17	10.62
	<u>550,500.00</u>	<u>152,276.70</u>	<u>606,006.90</u>	<u>21,087.34</u>	<u>16,769.80</u>	<u>14,837.69</u>	<u>1,932.11</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
STATUS OF CONTINUING APPROPRIATIONS
AS OF JUNE 30, 1963

FUND	AVAILABLE FUNDS		DISBURSEMENTS		FUND BALANCES		
	APPROPRIATION	RECEIPTS	TO DATE	JUN '63	UNEXPENDED	ENCUMB.	UNENCUMB.
20. MULTIPLE PURPOSE	300,000.00						
"CARRIED FORWARD"	163,583.61	93,219.55	223,874.95	20,612.58	337,928.21	30,370.16	28,558.05
21. CONST BOND GUARANTEE	90,000.00	20,338.29	20,539.00	.00	39,799.29	.00	39,799.29
22. SHOP BLDG "SPECIAL"	30,000.00	.00	29,998.04	.00	1.96	.00	1.96

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 '57. 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

TYPE	DUE DATE	INTEREST RATE	INTEREST REC. TO MATURITY	PRINCIPAL	TOTAL INCOME ANTICIPATED
U.S. SERIES K BONDS	5-65	2.76%	\$ 82.80	\$1,500	\$1,582.80
U.S. SERIES K BONDS	4-67	2.76%	220.80	2,000	2,220.80
U.S. TREASURY BONDS	12-68	2.50%	412.50	3,000	3,412.50
SIOUX IRRIG DIST BONDS	1984 SERIALY	2.25%	4,533.75	16,000	20,533.75
			\$5,249.85	\$22,500	\$27,749.85
			FUND BALANCE		89,799.29
			LESS ORIG. APPROPRIATION		-90,000.00
			EXCESS		\$27,549.14

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
PAYROLL - JUNE 30, 1963

SALARIED EMPLOYEES

NAME	POSITION	PAY GRADE	REMARKS	SALARY JUN' 63	WITH. TAX	SOC. SEC.	INS	BONDS	NET
HOISVEEN, MILO W.	STATE ENGR	0-9	INC JUL' 61	950.67	139.20	1.70	21.20	56.25	732.32
ANDERSON, LARRY	RODMAN	C-9	INC MAR' 63	237.67	32.80	8.62			196.25
BAESLER, GORDON	DRAFTSMAN	G-5	INC JUL' 62	410.67	53.80	14.89			341.98
CHRISTENSEN, RAY	ENGR AID	D-5	INC APR' 63	252.00	35.40	9.14			207.46
COOPER, VERNON S.	ASST SECY	1-5	DEC OCT' 62	262.84	35.00	9.53	21.20		197.11
ENGSTROM, VIRGLE	RODMAN	C-7	INC MAR' 63	226.17	30.70	8.20			187.27
FREDRICKSON, FRED	COORDINATOR	I-3	INC MAR' 63	600.00	81.60	21.75	21.20		475.45
FROELICH, LARRY	GEOLOGIST	H-2	INC DEC' 62	429.17	37.40	15.56			376.21
FRY, GORDON	ENGR AID	E-2	STA JUN' 63	274.67	39.70	9.96			225.01
GLOVER, DALE	HYDROLOGIST	J-8	STA SEP' 62	625.17	101.60	22.66			500.91
GRINDBERG, ALAN	ENGINEER	L-4	INC MAR' 63	672.17	108.80	24.37			539.00
HILAND, LEONE	CH STENO	F-10	INC JUN' 63	402.17	53.80	14.58	8.20		325.59
JOB, RHODA	FILE CLERK	D-6	INC JUN' 63	258.75	26.80	9.38	8.20		214.37
JOCHIM, CLIFF	ATTORNEY	K-3	STA JUN' 63	600.67	51.60	21.77			527.30
KNUTSON, LEWIS	DRILLER	F-10	INC AUG' 62	402.17	43.80	14.58			343.79
LIVERSAGE, KAY	STENO	C-9	INC JUN' 63	237.67	32.80	8.62	7.90		188.35
LUYBEN, ROBERT	ENGR AID	B-8	STA MAY' 63	238.25	30.70	8.64			198.91
NELSON, C. P.	ENGINEER	L-4	INC MAR' 63	672.17	108.80	24.37			539.00
PETERSON, EDNA	STENO	C-9	STA JUN' 63	237.67	32.80	8.62			196.25
PUTZ, ROY	OFF ASST	C-5	INC JUN' 63	214.67	18.50	7.78	7.90		180.49
RIVINIUS, MERRIL	ENGINEER	J-5	INC MAR' 63	578.67	102.60	20.98	8.45		446.64
SACKMAN, EUGENE	SURVEYOR	G-5	INC MAR' 63	410.67	33.80	14.89	20.45		341.53
SANDWICK, HAZEN	ENGINEER	M-5	INC DEC' 62	747.67	83.20	27.10	20.45	37.50	579.42
SCHMID, ROGER	GEOLOGIST	H-4	INC JUL' 62	454.17	41.00	16.46			396.71
SCHULZ, DELTON	ENGINEER	J-5	INC MAR' 63	578.67	92.60	20.98			465.09
SCHULZ, JIM	ACCOUNTANT	K-3	INC JUL' 62	600.67	91.60	21.77			487.30
SWENSON, HELEN	STENO	E-2	RES JUN' 63	54.93	9.80	1.99			43.14
VOELLER, PIUS	FOREMAN	G-5	INC MAR' 63	410.67		14.89			395.78
WALTERSON, HOWARD	CONST SUPT	H-5	INC MAR' 63	466.67	64.60	16.92	20.45		364.70
WALTERSON, JEAN	DRAFTSMAN	E-4	INC SEP' 62	316.67	36.90	11.48			268.29
ZIEGLER, VICTOR	ENGINEER	M-5	INC DEC' 62	747.67	113.20	27.10	20.85		586.52

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
PAYROLL - JUNE 30, 1963

HOURLY EMPLOYEES

NAME	POSITION	PAY GRADE	REMARKS	SALARY JUN' 63	WITH. TAX	SOC. SEC	INS	BONDS	NET
BUECHLER, LARRY	OPERATOR	1.70	INC JUN' 63	367.35	54.70	13.31			299.34
ERICKSON, LELAND	LABORER	1.50	STA MAY' 63	294.75	43.30	10.69			240.76
HILZENDAGER, DENNIS	LABORER	1.50	STA MAY' 63	216.75	32.05	7.85			176.85
JOHNSON, TODD	OFF ASST	1.50	RES MAY' 63	90.00	11.80	3.26			74.94
KNISS, EUGENE	LABORER	1.50	STA JUN' 63	124.50	18.00	4.52			101.98
KNUTSON, LANNY	DRILLER	2.00	INC APR' 63	548.00	86.90	19.87			441.23
LONG, RUSSELL	LABORER	1.50	STA MAY' 63	156.75	21.50	5.68			129.57
PETERSON, JOHN	OPERATOR	2.15	INC APR' 63	607.38	97.60	22.02			487.76
SENGER, ANTON	OPERATOR	2.10	INC APR' 63	472.50	74.40	17.14			380.96
SMITH, DONALD	LABORER	1.50	STA JUN' 63	5.25		.19			5.06
VOLK, DUANE	LABORER	1.50	STA MAY' 63	335.25	49.00	12.15			274.10
WEIGEL, JOE	OPERATOR	1.80	INC APR' 63	508.50	79.60	18.43			410.47
				17,299.50	2,333.75	594.39	186.45	93.75	14,091.16