

MINUTES
NORTH DAKOTA STATE WATER COMMISSION
 Held in Grafton, North Dakota
 May 21, 1969

The Commission enplaned at Bismarck at 9:00 a.m. and made an aerial inspection of Harvey Dam, Buffalo Lake, the Minnewaukan, Devils Lake and Churchs Ferry flood problem area, Big Coulee Dam, Mt. Carmel Dam site, Pembilier Dam site and the Pembina River flood damage area, and arrived in Grafton at 12:00 noon.

At Grafton a luncheon, hosted by the Grafton Chamber of Commerce, was held at which Mr. Myron Tiemens of the Corps of Engineers explained the Corps proposal for development of the South Branch of the Park River. Boards and officials at the luncheon, besides the members of the State Water Commission and Mr. Tiemens, were the City Council of Grafton, the Grafton Planning Commission, legislators from the area, the Walsh County Board of Commissioners, the Walsh County Water Management District Commissioners and the Grafton Chamber of Commerce. Following the luncheon, the business session of the Commission met at the Anderson Steakhouse.

MEMBERS PRESENT:

Governor William L. Guy, Chairman
 Russell Dushinske, Member from Devils Lake
 Harold Hanson, Member from New England
 James R. Jungroth, Member from Jamestown
 Arne Dahl, Commissioner, Department of Agriculture
 Milo W. Hoisveen, State Engineer, Chief Engineer
 and Secretary, State Water Commission, Bismarck

Others Present:

Alan Grindberg, Assistant Chief Engineer,
 State Water Commission, Bismarck

**MINUTES OF APRIL 9, 1969
 APPROVED**

approved as circulated. Commissioner Jungroth seconded and all voted aye.

Commissioner Dushinske moved that the reading of the minutes of the April 9th meeting be dispensed with and they be

**FINANCIAL STATEMENT
 APRIL 1969**

All voted aye.

Commissioner Jungroth moved the adoption of the financial statement for the month of April. Commissioner Hanson seconded.

**RELATING TO ASSESSMENT FOR THE
 SOURIS-RED-RAINY RIVER BASINS
 COMMISSION (#305)**

approximately \$7,700. Commissioner Dushinske seconded and all members voted aye.

Commissioner Jungroth moved that the State Water Commission pay the remaining assessment due to the Souris-Red-Rainy River Basins Commission, the amount being

DUES

National Rivers and Harbors
Congress; National Reclamation
Association; North Dakota Water
Users Association

Commissioner Hanson moved that the State
Water Commission pay dues as follows:
The National Rivers and Harbors Congress,
\$125; National Reclamation Association,
\$666.67; North Dakota Water Users
Association, \$2,000. Commissioner Dushinske

seconded and all members voted aye.

WATER PERMITS

#1586, #1594, #1607, #1612
#1627-#1632

Secretary Hoisveen presented ten water
permits to the Commission for considera-
tion. It was the recommendation of the
State Engineer that these water permits

be approved.

It was moved by Commissioner Jungroth that the conditional
permits be approved, subject to such conditions as indicated
on the permit. Commission Dahl seconded; all commissioners
voted aye.

(See Appendix A)

**MINOT FLOOD CONTROL
RESOLUTION (#1408)**

Commissioner Jungroth moved that the
Water Commission adopt the resolution
on flood control works for the City of

Minot. Commissioner Dushinske seconded and all voted aye. (See Appendix B 69-5-268)

**FLOOD FORECASTING FOR
CITY OF MINOT -
RESOLUTION**

Commissioner Dushinske moved that the
resolution requesting the Department of
Commerce to extend flood forecasting
to the Souris River be approved.

Commissioner Hanson seconded, all members voted aye. (See Appendix C 69-5-266)

**MISSOURI RIVER BANK STABILIZATION
EASEMENTS (#576)**

Commissioner Dushinske moved that the
Secretary be given authority to execute
such easements as are needed for installa-

tion of bank stabilization works in the Bismarck-Mandan area. Commissioner
Jungroth seconded and all members voted aye. (See Appendix D 69-5-267)

**ELLENDALE GROUND-WATER STUDY
(#750)**

The City of Ellendale has requested that
a ground-water study be implemented on
an emergency basis for the solution to

the water shortage problems in that city.

Commissioner Jungroth moved that the Commission participate in
a study for ground water in the Ellendale area in the amount of
50 percent of the estimated cost, which is \$16,335. Commissioner
Dushinske seconded, all members voted aye.

OPERATION FORESIGHT (#1516)

Secretary Hoisveen reported on the efforts
of the Corps of Engineers in conducting

Operation Foresight to minimize damages from the floods during 1969 in North
Dakota.

Commissioner Hanson moved that the State Water Commission pass
a resolution commending Colonel Hesse and the staff of the St.
Paul District for their efficient operation of the many floods
in North Dakota. (See Appendix E 69-5-270)

Colonel Hesse

Secretary Hoisveen reported that Colonel Hesse, District Engineer, St. Paul District, Corps of Engineers, has been transferred to Europe.

Commissioner Dahl moved that the State Water Commission approve a resolution commending Colonel Hesse for his accomplishments in the field of water management during his tour of duty as St. Paul Corps of Engineers District Engineer. Commissioner Dushinske seconded and all voted aye. (See Appendix F 69-5-269)

HOOPLE MUNICIPAL WATER
SUPPLY (#765)

supply of municipal water.

The State Water Commission has received a request from Hoople, North Dakota, in Walsh County, to assist in locating a

Commissioner Dushinske moved that the State Water Commission participate in conducting a survey which will attempt to locate a municipal water supply for the City of Hoople. Commissioner Dahl seconded; all members voted aye.

FLOOD FORECASTING IN
NORTH DAKOTA (#1516)

This method is a neutron tube which is inserted in a predrilled hole to determine moisture present at the location. Secretary Hoisveen stated that the Basin Commission will be requested to pay the costs in the Souris-Red Basin but the State Water Commission would have to pay the installation costs in the western part of the State. He stated that another advantage of this is that the amount of soil moisture is checked and the farmers can be advised as to the proper use of fertilizer, irrigation etc. Secretary Hoisveen said that this method will be further discussed at the International Souris River Board of Control meeting in Winnipeg on May 28, 1969.

Secretary Hoisveen presented a proposal which has been made by the State University for new methods of predicting floods.

Commissioner Hanson moved that it be placed on the agenda for the next meeting when more information is available. Commissioner Dahl seconded and all commissioners voted aye.

FUND TRANSFER FOR TRACTOR

Secretary Hoisveen stated that the staff had mailed a letter to the Emergency Commission requesting a fund transfer for the purchase of a new truck-tractor to pull the Commission's lowboy. This was made necessary by the fact that excessive use of the present tractor during flood fighting resulted in its breaking down. The present tractor is 12 years old.

Commissioner Hanson moved that a cost comparison be made between owning and renting lowboy service and if such study favored the purchase over rental the staff is authorized to purchase a tractor at an amount not to exceed \$13,500 subject to Emergency Commission approval. Commissioner Dahl seconded; all members voted aye.

The study was approved by the Accounts and Purchases Department and is attached as Appendix G.

DEVILS LAKE BASIN (#416)

Governor Guy reviewed the situation which exists in the Churchs Ferry area.

He stated that a large amount of land is presently flooded in the area of Lake Alice-Lake Irvine, north of Highway #2. These farmers feel that Highway #2 is blocking runoff and causing excessive flooding in their area. He stated that a petition had been presented to the State Water Commission requesting a determination of the amount of water which may be expected to flow at that point. Upon notification of this determination, Highway Commissioner had a duty to install adequate culverts to handle this flow freely and unimpeded. After the Highway Commissioner had been notified of the determination which had been made by the Assistant State Engineer, and before the proper size culverts could be installed, Benson County had moved in court and obtained an injunction preventing any increase in the opening in Highway #2. The Governor stated that efforts were being made to get this injunction lifted so that the installation of proper culverts could go forward as needed.

Commissioner Dushinske moved that the State Water Commission determine that the flow which Mauvais Coulee may be expected to carry at the outlet of Lake Irvine is 1200 cfs. Commissioner Jungroth seconded; all members voted aye.

ECONOMIC STUDY OF EFFECTS
OF NORTH DAKOTA ECONOMY

At the last meeting of the State Water Commission, Mr. Gordon Gray, Chairman of The Souris-Red-Rainy River Basins Com-

mission, had suggested that the State Water Commission sponsor a study which would attempt to determine the inter-relation of the economy of the various parts of the Souris-Red-Rainy Basin on other parts of their basin, and the relation of this basin to the Minneapolis-St. Paul area. It was suggested that this study may have many uses other than those already suggested. Since many agencies of State Government would be able to use this study, it was suggested that an application should be made through the State Planning Agency to conduct such a study. It was further suggested that the project should initially emphasize the Souris-Red-Rainy Basin.

Commissioner Dushinske moved that the State Water Commission act to initiate a study of the Souris-Red Rainy Basins to determine the benefits that the Minneapolis-St. Paul area receives from these areas and to determine the benefits that North Dakota trade centers receive from the Minnesota portion of these basins and vice versa. Commissioner Hanson seconded; all members voted aye.

GROUND-WATER TEST IN
MC KENZIE COUNTY (#860)

The State Highway Department has asked the Commission to participate in drilling a test hole which will determine the availability

of ground-water in western McKenzie County.

Commissioner Jungroth moved that the State Water Commission cooperate with the Highway Department in conducting a test hole and that this cooperation consist of the expenditure of \$1,000 towards the drilling of the hole plus the necessary supervision and logging. Commission Dahl seconded; all members voted aye.

APPRECIATION

The Secretary was directed by the Commission to prepare a resolution of appreciation to the City of Grafton and the Grafton Chamber of Commerce for sponsoring the luncheon which was held. (See appendix H 69-5-281)

INCREASED PEAKING CAPACITY
ON MAINSTEM RESERVOIRS

Secretary Hoisveen informed the Commission that a news article had appeared just prior to the meeting of the Missouri River Mainstem Reservoir Regulation Coordinating Committee which suggested that the Corps of Engineers was considering installing additional units in the mainstem reservoirs for peaking capacity. Since this would further aggravate the bank erosion condition which North Dakota is now experiencing, Secretary Hoisveen wrote a letter of opposition. He has received a reply which suggests that such a project might be one way to secure adequate bank stabilization works.

Commissioner Jungroth moved that the State Water Commission adopt a position in support of Mr. Hoisveen's letter opposing an increase in the generating capacity of the power plants at Garrison Reservoir until such a time as adequate bank stabilization works have been installed. Commissioner Hanson seconded; all members voted aye.

NEXT COMMISSION MEETING

Commissioner Hanson reminded the State Water Commission that John Rouzie had extended an invitation to the Water Commission to meet in Bowman.

There being no further business, the meeting adjourned and completed the aerial tour of projects by viewing Warsing Dam and Sykeston Dam and returning to Bismarck.

Milo W. Hoisveen
Secretary

ATTEST:

William L. Burg
Governor-Chairman

WATER RIGHT AGENDA FOR MAY 21, 1969

NO.	NAME AND ADDRESS	SOURCE	PURPOSE	AMOUNT REQUESTED	COMMENTS AND RECOMMENDATIONS
1627	Alton Kemmet Tappen	Underground Water	Irrigation	234 acre-feet 156 acres	234 acre-feet 156 acres
1628	Jacob Kemmet Tappen	Underground Water	Irrigation	456 acre-feet 304 acres	456 acre-feet 304 acres
1629	Carl Wagner Arena	Unnamed Stream Non- Contributing Area of the Missouri River	Irrigation (Waterspreading)	11.9 acre-feet 11.9 acres	11.9 acre-feet 11.9 acres
1630	Harvey B. Candee Gladstone	Unnamed Intermittent Draw tributary to the Heart River	Recreation	25 acre-feet storage plus 12 acre-feet annual use	25 acre-feet storage plus 12 acre-feet annual use
1631	Charlie A. Bibler Williston	Unnamed Creeks and Draws Tributary to Stony Creek and Missouri Reservoir	Irrigation (Waterspreading)	50 acre-feet 46.5 acres	46.5 acre-feet 46.5 acres
1632	Porsborg Water Works, Mandan	Underground sources	Industrial	64.5 acre-feet	64.5 acre-feet

No.	Name and Address	Source	Purpose	Amount Requested	Comments and Recommendations
1586	Gerald E. Dewitz Tappen	2 wells	Irrigation	680 acre-feet 453.5 acres	680 acre-feet 453.4 acres
1607	Rott Bros. Nortonville	Underground	Irrigation	1404 acre-feet 936 acres	1404 acre-feet 936 acres
1612	Walter Hufnagel Tappen	underground	Irrigation	1179 acre-feet 786 acres	1179 acre-feet 786 acres
1594	Edwin Dewitz Tappen	Underground	Irrigation	1975 acre-feet 1317.2 acres	1975 acres 1317.2 acres

Appendix B

RESOLUTION 69-5-268

Souris and Des Lacs Rivers Channel Improvement

WHEREAS, Minot, North Dakota has suffered severe loss as a result of flooding from the Des Lacs and Souris Rivers; and

WHEREAS, the large amount of water present in the watersheds of these rivers indicates that the potential for a recurrence is greatly enhanced; and

WHEREAS, the Corps of Engineers has prepared a plan for a flood control dam and for channel improvement through and below the city of Minot, designated "Plan B" which would substantially lessen the chances of major flood damage.

NOW, THEREFORE, BE IT RESOLVED that the State Water Commission, at its meeting held in Grafton, North Dakota, on the 21st day of May, 1969, urges the Congress of the United States and the U. S. Army Corps of Engineers to do everything possible to authorize "Plan B" and install the channel improvement during the 1969 construction season.

BE IT FURTHER RESOLVED that copies of this resolution be sent to Senators Milton R. Young and Quentin N. Burdick; Representatives Mark Andrews and Thomas Kleppe; Lt. General William F. Cassidy; Major General Fred J. Clarke; Brigadier General Robert M. Tarbox; and Colonel Richard J. Hesse.

FOR THE NORTH DAKOTA STATE WATER COMMISSION:


William L. Guy, Governor-Chairman

ATTEST:


Milo W. Hoisveen, Secretary

RESOLUTION 69-4-266

Pertaining to Flood Forecasting for the Souris River Basin

WHEREAS, disastrous flooding has occurred in the Souris River Basin from snow melt water resulting in the evacuation of 12,000 people from the Souris River Valley; and

WHEREAS, besides the suffering brought upon the residents of the area, damages approximating \$30,000,000 will result to property owners in the valley; and

WHEREAS, it will require a number of years before adequate flood storage and channel improvements can be constructed to avert similar future disasters in the Souris River Valley.

NOW, THEREFORE, BE IT RESOLVED by the North Dakota State Water Commission that the Department of Commerce request the United States Weather Bureau to provide flood forecasting services for the Souris River and its tributaries, thereby permitting the residents of this valley sufficient time to make preparations against impending floods. (The Commission has noted the excellent services rendered the people in the Red River Valley through flood forecasting and believes that such service could have reduced property losses materially.)

BE IT FURTHER RESOLVED that copies of this resolution be forwarded to the Honorable Maurice H. Stans, Secretary of Commerce, and the North Dakota Congressional Delegation.

FOR THE NORTH DAKOTA STATE WATER COMMISSION:

ATTEST:

Milo W. Hoisveen
Milo W. Hoisveen, Secretary

William L. Guy
William L. Guy
Governor-Chairman

RESOLUTION 69-5-267

WHEREAS the United States Corps of Engineers has submitted to the North Dakota State Water Commission plans and specifications for bank stabilization on the banks of the Missouri River in Burleigh County and Morton County, North Dakota, and made formal request for rights-of-way as contained in drawings numbered MGOC6-2E1 and MGOC6-2E2, March, 1969; and

WHEREAS the North Dakota State Water Commission has approved and adopted said plans and specifications and has acquired from the City of Bismarck, North Dakota, the Board of County Commissioners of Burleigh County and the Lower Heart Water Management District, the easements for the construction of the river-bank protection project as set forth in drawings numbered MGOC6-2E1 and MGOC6-2E2, March, 1969; Now, therefore, be it

RESOLVED by the North Dakota State Water Commission that it does hereby grant, give and convey to the United States Government, its contractors and agents, the right and permission to enter in and upon said lands for the purpose of construction of the river-bank protection project, as indicated on the rights-of-way maps designated as drawings numbered MGOC6-2E1 and MGOC6-2E2, March, 1969, prepared by the U. S. Corps of Engineers and approved by said North Dakota State Water Commission.

Dated this 27th day of May, 1969.

NORTH DAKOTA STATE WATER COMMISSION

By:

s/ Milo W. Hoisveen

Secretary and Chief Engineer

ATTEST:

s/ Cliff Jochim

Special Assistant Attorney General

RESOLUTION 69-5-270

Appreciation - Corps of Engineers

WHEREAS, the spring of 1969 brought serious flooding to many parts of North Dakota; and

WHEREAS, the St. Paul District, Corps of Engineers, actively and forcefully conducted emergency operations to minimize losses which were very successful.

NOW, THEREFORE, BE IT RESOLVED by the North Dakota State Water Commission, at its regular meeting in Grafton, North Dakota on 21 May 1969 that it hereby expresses its appreciation to the Corps of Engineers for its many efforts in this State during the recent flooding.

BE IT FURTHER RESOLVED that copies of this resolution be forwarded to Colonel Richard J. Hesse; Lt. General William F. Cassidy; Major General Fred J. Clarke; Senators Milton R. Young and Quentin N. Burdick; Representatives Mark Andrews and Thomas Kleppe.

FOR THE NORTH DAKOTA STATE WATER COMMISSION:

ATTEST:

Milo W. Hoisveen
Milo W. Hoisveen, Secretary

William L. Guy
William L. Guy, Governor-Chairman

RESOLUTION 69-5-269

Colonel Richard J. Hesse

WHEREAS, Colonel Richard J. Hesse has served as District Engineer, St. Paul District, Corps of Engineers since July 15, 1966; and

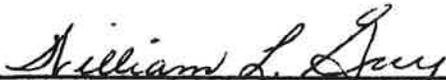
WHEREAS, during this period the St. Paul office has made great strides in flood control in the State of North Dakota as evidenced by the installation of the flood control works at Velva and Pembina and the completion of plans for the Sheyenne River project, the Pembina River project and others; and

WHEREAS, Colonel Hesse has been transferred to a foreign assignment.

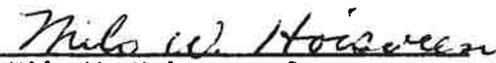
NOW, THEREFORE, BE IT RESOLVED by the North Dakota State Water Commission at its meeting held in Grafton, North Dakota May 21, 1969, that it hereby expresses its sincere appreciation for the outstanding leadership shown by Colonel Hesse in his capacity as District Engineer.

AND BE IT FURTHER RESOLVED that copies of this resolution be sent to Colonel Richard J. Hesse; Lt. General William F. Cassidy; and Major General Fred J. Clarke.

FOR THE NORTH DAKOTA STATE WATER COMMISSION:


 William L. Guy, Chairman-Governor

ATTEST:


 Milo W. Hoisveen, Secretary

APPENDIX G

NORTH DAKOTA STATE WATER COMMISSION

ESTIMATED COST COMPARISON
STATE OWNED TRUCK V.S. LEASE TRUCK

<u>TRUCK OWNED BY STATE WATER COMMISSION</u>	<u>TRUCK LEASED BY STATE WATER COMMISSION FROM HOUCK TRANSFER</u>
Estimated purchase price \$13,500.	5,000 miles @ 80 cents minimum per mile \$4,000
Cost per year - based on 100,000 miles life use \$ 675	Stand by charges (including 600 costs to move crane on a job, which at times is necessary)
Operational cost per year based on present records for smaller unit - 5,000 miles @ 20 cents per mile <u>1,000</u>	Cost to furnish vehicle to transport equipment operator <u>200</u>
TOTAL ANNUAL COSTS - \$1,675	TOTAL ANNUAL COST. \$,4800

TRUCK LEASED BY STATE WATER COMMISSION
FROM STATE HIGHWAY DEPARTMENT

250 hours @ \$11.00 per hour \$2,750

Stand by charges (including
costs to move crane on a job) 220Cost to furnish vehicle to
transport equipment operator 300

TOTAL ANNUAL COST \$3,270

APPENDIX H

RESOLUTION 69-5-271

City of Grafton and Grafton Chamber of Commerce

WHEREAS, the State Water Commission in its efforts to broaden its views on the flood conditions and water facility requirements of our State visited the City of Grafton; and

WHEREAS, the City officials and the Chamber of Commerce did organize a meeting attended by prominent city and county water-minded officials thereby affording the State Water Commission members a better understanding of water problems in that area; and

WHEREAS, the City and the Chamber of Commerce graciously hosted the Commission members and other interested parties to a well prepared luncheon.

NOW, THEREFORE, BE IT RESOLVED by the North Dakota State Water Commission at this meeting being held in the City of Grafton on this 21st day of May 1969 that it commends and thanks the Grafton city officials and the Chamber of Commerce for arranging a most interesting and successful meeting and for the many hospitalities extended to us.

FOR THE NORTH DAKOTA STATE WATER COMMISSION:

S/ William L. Guy
 William L. Guy
 Chairman-Governor

ATTEST:

S/ Milo W. Hoisveen
 Milo W. Hoisveen, Secretary

NORTH DAKOTA STATE WATER COMMISSION

FINANCIAL STATEMENT - May 31, 1969
1967-1969 Appropriations

	Available Funds		Disbursements		Account Balances		
	APPROPRIATION	RECEIPTS	TO DATE	MAY '69	UNEXPENDED	ENCUMB.	UNENCUMB.
GENERAL OPERATIONS: ACCOUNT							
1007-Salaries Expense	\$642,269.00						
	<u>92,150.00</u>	\$ 734,419.00					
Transfer to 4007		<u>- 8,000.00</u>					
		<u>726,419.00</u>	\$ -	\$ 695,370.67	\$30,850.48	\$ 31,048.33	\$ -
							\$31,048.33
2007-Fees & Services	126,000.000	-	112,978.90	7,125.14	13,021.10	-	13,021.10
3007-Supplies & Materials	145,000.00	-	134,775.18	12,339.23	10,224.82	-	10,224.82
4007-Equipment	35,000.00	-	32,988.04	-	19,011.96#	18,351.00	660.96
Transfer from 1007	+ 8,000.00						
Emergency Fund	<u>9,000.00</u>						
		<u>52,000.00</u>					
7707-Red Basin Comm.	<u>95,000.00</u>	-	<u>86,948.45</u>	<u>148.60</u>	<u>8,051.55</u>	<u>-</u>	<u>8,051.55</u>
TOTAL GENERAL OPERATIONS	\$1,144,419.00	-	\$1,063,061.24	\$50,463.45	\$ 81,357.76	\$ 18,351.00	\$63,006.76
CONTRACT FUND:							
001-770-Contract "Approp."	\$ 415,923.00	\$ -	\$ 415,923.00	\$ -	\$ -	\$ -	\$ -
Carryover to 1969-1971	430,000.00	-	-	-	430,000.00	430,000.00	-
336-770-Contract "Cash"	443,646.46	724,942.28	1,519,188.83*	4,985.50	65,322.91	65,322.91	-
Transfer from 001 to 336	<u>-</u>	<u>415,923.00</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
TOTAL CONTRACT FUND	<u>\$1,289,569.46</u>	<u>\$1,140,865.28</u>	<u>\$1,935,111.83*</u>	<u>\$ 4,985.50</u>	<u>\$495,322.91</u>	<u>\$495,322.91</u>	<u>\$ -</u>
GRAND TOTALS	<u>\$2,433,988.46</u>	<u>\$1,140,865.28</u>	<u>\$2,998,173.07</u>	<u>\$55,448.95</u>	<u>\$576,680.67</u>	<u>\$513,673.91</u>	<u>\$63,006.76</u>

* \$92,150 transfer to Salaries and Wages from Contract Fund.
Included as Disbursements in Col.3-Disb. to Date-Fund 336-770.

\$8,000.00 transfer from Salaries to
Equipment.
\$9,000.00 Emergency Comm. transfer.

NORTH DAKOTA STATE WATER COMMISSION
STATUS OF CONSTRUCTION BOND GUARANTEE FUND
AS OF MAY 31, 1969

ACCOUNT	Available Funds		Disbursements		Account Balances		
	APPROPRIATION	RECEIPTS*	TO DATE	MAY '69	UNEXPENDED	ENCUMB.	UNENCUMB.
535-770-CONST. BOND GUAR.	\$90,000.00	\$34,916.79	\$30,416.79	\$ -	\$90,000.00	\$ -	\$90,000.00
0500 INVESTMENT PRIN.	15,000.00	.00	4,500.00	-	10,500.00	-	10,500.00

NOTE - FUND #535-770 RECEIPTS ARE OBTAINED FROM RETIREMENT OF AN 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 #535-770 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 #535-770

<u>TYPE</u>	<u>DUE DATE</u>	<u>INTEREST RATE</u>	<u>INTEREST REC. TO MATURITY</u>	<u>PRINCIPAL</u>	<u>TOTAL INCOME ANTICIPATED</u>
SIoux IRRIGATION DIST. BONDS	1984 SERIALLY	2.25%	\$2,610.00	\$10,500	\$13,110.00

(EXCESS OVER \$90,000.00 CASH IN FUND #535-770 TO BE CREDITED TO GENERAL FUND. 1/2/58 ATTORNEY GENERAL'S OPINION)

RECEIPTS:	*RETIREMENT OF BONDS	\$21,500.00	*ACCUMULATION OF RECEIPTS TO
	INTEREST ON BONDS	9,284.80	BOND GUARANTEE FUND
	SINKING FUND CASH	4,131.99	SINCE FUND CREATED IN 1939
		<u>\$34,916.79</u>	

NORTH DAKOTA STATE WATER COMMISSION

PAYROLL - May, 1969

NAME	POSITION	REMARKS	GROSS	W/TAX	S.S.	INS.	RET.	NET
HOISVEEN, MILO	STATE ENGINEER	INC. MAY '69	1,625.00	297.10	78.00	17.45	65.00	1,167.45
BAESLER, GORDON	W.R. TECH.	INC. FEB. '69	685.00	86.40	32.88	17.45	27.40	520.87
BALLIET, ALLEN	RODMAN	INC. FEB. '69	435.00	26.20	20.88	17.45	17.40	353.07
CHRISTENSEN, RAY	ENG. AID	INC. FEB. '69	590.00	87.70	28.32	16.95	23.60	433.43
DONALDSON, DAVID	G.W. TECH.	INC. FEB. '69	515.00	81.50	24.72	3.95	20.60	384.23
DUSHINSKE, RUSSELL	COMMISSIONER	STA. JULY '65	15.00	-	.72	-	-	14.28
EMERSON, MATT	ASST. SEC.	INC. FEB. '69	890.00	137.00	42.72	17.45	35.60	657.23
FROELICH, LARRY	G.W. ENG.	INC. JAN. '68	790.00	128.00	37.92	16.95	31.60	575.53
FROEMMING, DALE	OPERATOR	INC. FEB. '69	520.00	85.90	24.96	4.20	20.80	384.14
GALLAGHER, RICHARD	COMMISSIONER	STA. JULY '61	15.00	-	.72	-	-	14.28
GLOVER, DALE	HYDROLOGIST	INC. AUG. '68	955.00	225.00	45.84	-	38.20	645.96
GRINDBERG, ALAN	ASST. ST. ENG.	INC. JAN. '68	1,170.00	185.80	56.16	16.95	46.80	864.29
GRUNSETH, ARLAND	INV. ENG.	INC. AUG. '68	865.00	105.70	41.52	17.45	34.60	665.73
HANSON, HAROLD	COMMISSIONER	STA. JULY '65	45.00	-	2.16	-	-	42.84
HEUPEL, MILTON	FIELD ENG.	INC. FEB. '69	885.00	91.20	42.48	17.45	35.40	698.47
HILAND, LEONE	CHIEF STENO	INC. JAN. '69	575.00	107.50	27.60	1.35	23.00	415.55
HUCHLER, EVA	OJT STENO	STA. OCT. '68	40.50	-	1.94	-	-	38.56
JACOBSON, HUGH	ASST. DRILLER	INC. FEB. '69	475.00	23.40	22.80	16.95	19.00	392.85
JOCHIM, CLIFF	ATTORNEY	INC. JAN. '68	L.A.	-	-	-	-	-
JUNGROTH, JAMES	COMMISSIONER	STA. SEPT '67	30.00	-	1.44	-	-	28.56
KNOLL, JAMES	SOILS TECH.	STA. MAR. '69	450.00	81.10	21.60	4.20	-	343.10
KNUTSON, LEWIS	DRILLER	INC. FEB. '69	625.00	49.10	30.00	17.45	25.00	503.45
KOCH, KAY	ACCOUNTANT	INC. JAN. '69	500.00	83.60	24.00	17.45	20.00	354.95
LINDVIG, MILTON	G.W. ENG.	INC. JAN. '68	910.00	124.40	43.78	16.95	36.40	688.47
LOCKEN, SHARON	STENO	INC. JAN. '69	410.00	64.60	19.68	17.45	16.40	291.87
McADOO, ROBERT	LAB. TECH.	STA. MAR. '69	425.00	63.90	20.40	4.20	-	336.50
MALATERRE, TOM	SURVEYOR	INC. FEB. '69	520.00	43.00	24.96	-	20.80	431.24
MURI, GARVIN	CHEMIST	INC. DEC. '68	690.00	97.50	33.12	16.95	27.60	514.83
NAPLIN, CHARLES	G.W. GEOL.	INC. DEC. '68	730.00	127.50	35.04	17.45	29.20	520.81
NELSON, C.P.	DRAIN ENG.	INC. JAN. '68	900.00	200.00	43.20	-	36.00	620.80
O'BRIEN, GEORGE	DRAFTSMAN	STA. MAY '69	432.00	76.70	20.74	4.20	22.28	308.08
OHNSTAD, DON	PLAN ENG.	STA. NOV. '68	840.00	116.80	40.32	17.45	33.60	622.43
							9.40*	622.43
PUTZ, ROY	OFF. ASST.	INC. JAN. '69	350.00	37.00	16.80	3.95	14.00	278.25
SACKMAN, EUGENE	SURVEYOR	INC. FEB. '69	625.00	60.10	30.00	17.45	25.00	492.45

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NAME	POSITION	REMARKS	GROSS	W/TAX	S.S.	INS.	RET.	NET
SCHMID, ROGER	G.W. HYDROLOGIST	INC. DEC. '68	875.00	105.70	42.00	17.45	35.00	674.85
SCHMIDT, CHERYLLYN	STENO	STA. FEB. '69	300.00	43.70	14.40	-	-	241.90
SCHANTZ, GEORGE	ENG. AID	INC. OCT. '68	475.00	53.80	22.80	17.45	19.00	361.95
SCHULZ, DELTON	OFF. ENG.	INC. SEP. '68	1,025.00	150.60	49.20	17.45	41.00	766.75
SCHULZ, JIM	CONSULTANT	STA. MAY '69	300.00	15.40	14.40	-	-	270.20
SCOTT, CLIFF	DESIGN ENG.	INC. AUG. '68	900.00	124.40	43.20	17.45	36.00	678.95
SCOTT, LLOYD	DRAFTSMAN	INC. APR. '68	600.00	93.40	28.80	17.45	24.00	436.35
SENGER, ANTON	OPERATOR	INC. FEB. '69	550.00	80.10	26.40	-	22.00	421.50
SIMENSON, KENNETH	CONST. ENG.	INC. AUG. '68	910.00	102.30	43.68	17.45	36.40	710.17
SPEAKS, GLENN	OPERATOR	INC. FEB. '69	520.00	54.10	24.96	16.95	20.80	403.19
TILLOTSON, ANN	RES. ASST.	INC. JAN. '69	390.00	55.70	18.72	4.20	15.60	295.78
ULRICH, ROGER	RODMAN	INC. FEB. '69	405.00	59.90	19.44	4.20	16.20	305.26
VOELLER, PIUS	FOREMAN	INC. FEB. '69	600.00	49.10	28.80	17.45	24.00	480.65
WALTERSON, HOWARD	CONST. SUPT.	INC. FEB. '69	650.00	67.70	31.20	17.45	26.00	507.65
SWC GROUP INS. - 36			180.00			180.00		
SWC RET. MATCHING			<u>1,047.28</u>				<u>1,047.28</u>	
			29,254.78	3,949.60	1,345.42	682.10	2,117.96	21,159.70

* State Income Tax Withheld