

## MINUTES

NORTH DAKOTA STATE WATER COMMISSION  
Held in Office of State Water Commission  
Bismarck, North Dakota  
September 23, 1968

MEMBERS PRESENT:

Richard P. Gallagher, Vice Chairman, Mandan  
Henry Steinberger, Member from Donnybrook  
Russell Dushinske, Member from Devils Lake  
James R. Jungroth, Member from Jamestown  
Arne Dahl, Commissioner, Department of Agriculture, Bismarck  
Milo W. Hoisveen, State Engineer, Chief Engineer and Secretary,  
State Water Commission, Bismarck

Others Present:

Jim Schulz, Assistant Secretary, State Water Commission, Bismarck  
Alan Grindberg, Assistant Chief Engineer, State Water Commission  
Bismarck

The meeting opened at 9:15 a.m. with  
Vice Chairman Gallagher presiding. Present were Commissioners Jungroth,  
Dahl and Secretary Hoisveen.

MINUTES OF JULY 13, 1968  
MEETING APPROVED

Commissioner Jungroth moved that the  
reading of the minutes be dispensed  
with and that they be approved as circulated.

The motion was seconded by Commissioner Dahl, carried.

SWEETWATER-DRY LAKE WATER  
MANAGEMENT DISTRICT ET AL -  
LETTER OF APPRECIATION

A letter expressing the appreciation of  
Walsh County, Cavalier County and Sweet-  
water-Dry Lake Water Management Districts  
and the Ramsey County Soil Conservation

District for Water Commission assistance in getting approval for planning  
the Edmore Watershed under P.L. 566, Small Watershed Program, was read.

BUFORD-TRENTON IRRIGATION  
DISTRICT (#222)

A letter was read expressing the apprecia-  
tion of the Buford-Trenton Irrigation  
District for Commission assistance through

the Water Commission Construction Engineer and the field crew in raising the  
motors to a safe level.

STATE WATER PLAN  
(#322)

Secretary Hoisveen stated that the dam  
site surveys in the lignite fields are  
related to the Missouri Basin Inter-Agency

Committee study which has been underway to complete an over-all comprehensive  
plan for the Basin. The State Water Commission has been making a study of the  
water requirements to meet the needs of thermal generation plants. The  
Missouri Basin Study Group came up with a need of 2,149,000 acre-feet of  
water by 1980. The State Water Commission study shows a need for 180,000 acre-  
feet storage through dam construction and 2,780,000 acre-feet from free flow  
in the Missouri River. A draft of the Federal Power Commission's findings  
has been received. They indicate that the State Water Commission's water

requirement is in excess to theirs, however, we have recognized evaporation which is a considerable factor in these large water using plants. The Federal Power Commission also implied that North Dakota will have a greater power generation than the Commission anticipated which we are glad to hear. The thermal plants are a real contribution to the State's economy. North Dakota State University and the State Water Commission have made a study of the generating plants to see what effect they have on the State's economy. Secretary Hoisveen referred the study figures to Assistant Secretary Schulz.

Mr. Schulz stated that the Commission received a letter from the North Dakota State University on this study this morning and preliminary data indicates that for one plant's annual direct expenditures of \$2.8 million, indirect income of \$7 million is created in the State.

enter the meeting.

Commissioners Dushinske and Steinberger

FINANCIAL STATEMENTS FOR  
JULY AND AUGUST 1968  
APPROVED

Jim Schulz reviewed the August financial statement.

It was moved by Commissioner Dushinske, seconded by Commissioner Dahl and carried that the financial statements for July and August, 1968 be approved.

WATER SUPPLY FOR  
SENTINEL SYSTEM  
(#944)

At a previous meeting the Commissioners authorized \$30,000 for a crash program to locate water for the Sentinel Missile System. A letter from the Corps of

Engineers states "The assistance your office has provided the Omaha District in investigating and reporting on possible sources of water for the Sentinel System in your State is deeply appreciated. The report submitted was in such detail that it will be possible to select the source of supply without additional investigation." Work is now being started in the well field. The construction program will approximate \$300 million. Eventually 2,400 permanent employees, mostly of a professional type, will be assigned to the project.

OAKES AREA, GARRISON  
DIVERSION UNIT -  
ALTERATION OF IRRIGATION  
SYSTEM (#237)

Secretary Hoisveen stated that the Bureau of Reclamation has made numerous studies throughout the Garrison Diversion Unit with respect to the possibility of using pipe lines and sprinkler systems instead

of gravity irrigation. The Bureau has made a study and issued a report on the Oakes area. The members of the irrigation district have accepted the proposal for a sprinkler system. When a drastic change is made in a federal project it is necessary that the Water Commission approve or disapprove the change. The power rate to be paid by the irrigator was discussed. Commissioner Dushinske suggested that the Commission recommend that the power rate be given further study as it involves the possible use of natural gas or electricity. Likewise the Bureau of Reclamation will have power available to operate its pumps and the possible use of a power arrangement with the Bureau of Reclamation might be considered.

It was moved by Commissioner Dushinske, seconded by Commissioner Steinberger and carried that the Commission approve the request to alter the irrigation system in the Oakes area, Garrison Diversion Unit, with the suggestion and recommendation that the Bureau of Reclamation give further study and consideration to the power rate structure.

STUTSMAN DRAIN #2  
(Courtenay Drain)  
(#1473)

Commissioner Jungroth stated that a drain in the vicinity of Courtenay is badly needed. The drainage problem involves the land adjacent to the city

as well as within it.

Secretary Hoisveen stated that the total cost of the drain would be \$28,000, with the Commission's share \$8,021.20.

It was moved by Commissioner Jungroth, seconded by Commissioner Dushinske and carried that the Commission participate in the Courtenay Drain costs to the extent of \$8,021.20.

PEMBINA COUNTY  
DRAIN #24  
(#1148)

The Pembina County Water Management and Drainage District is requesting participation in the cost of improving Pembina Drain #24. The total cost could be

\$2,121. The Commission's eligible participation would be \$848. Secretary Hoisveen recommended that the Commission participate in Pembina County Drain #24.

It was moved by Commissioner Dushinske, seconded by Commissioner Dahl and carried that the Commission participate in the improvement of Pembina County Drain #24 to the extent of \$848.

GRAND FORKS COUNTY  
DRAIN #39  
(#1499)

Secretary Hoisveen stated that Grand Forks County Drain #39 is a new drain located between Kelly Slough and Saltwater Coulee. The drainage problem in

this area has been in district court and has been appealed to the Supreme Court. They are now in a position to proceed. The total cost is \$5,445 with the Commission's share being \$2,178. Secretary Hoisveen recommended that the Commission participate in the cost of this drain.

It was moved by Commissioner Dushinske, seconded by Commissioner Jungroth and carried that the Commission participate in the cost of Grand Forks Drain #39 to the extent of \$2,178.

CASS COUNTY DRAIN #24  
(#1077)

Secretary Hoisveen stated that the request for participation in Cass County Drain #24 was a rebuilding project. An

eight foot bottom is being put in the drain with 3:1 side slopes. The total is estimated at \$11,000 with the Commission's eligible participation being \$3,291.

It was moved by Commissioner Jungroth, seconded by Commissioner Dahl and carried that the Commission participate in the cost of Cass County Drain #24 to the extent of \$3,291.

**CASS COUNTY DRAIN #26  
(#1079)**

Cass County Drain #26 was constructed back in 1947-1948. The total cost of reconstruction is \$14,000 with the Commission's cost participation proposed at \$4,753, taking into consideration hydraulic improvements.

It was moved by Commissioner Dahl, seconded by Commissioner Dushinske and carried that the Commission participate in the cost of Cass County Drain #29 to the extent of \$4,753.

**OLSON DAM (#260)**

A \$200 deposit has been made by the Wilton Wildlife Club and Izaak Walton League to investigate the feasibility of repairing or reconstructing Olson Dam in northern Burleigh County.

It was moved by Commissioner Jungroth, seconded by Commissioner Dahl and carried that the Commission survey the feasibility of repairing or reconstructing Olson Dam.

**MEDORA DAM (#1503)**

The Commission received a call as to the feasibility of a dam in the vicinity of Medora. There is a possibility that a group of Bismarck men would be interested in promoting this project. A request was made for a cost estimate so it could be submitted to the Legislature when it convenes. Commissioner Jungroth stated that it could be a tourist attraction and should be explored to see if it is feasible. Secretary Hoisveen stated that he explored the area recently and there are a number of places where dams could be constructed if there is sufficient water to maintain an adequate lake.

It was moved by Commissioner Jungroth, seconded by Commissioner Dahl and carried that the Commission investigate the possibility of installing a dam in the Medora area.

**MISSOURI RIVER BANK  
RECTIFICATION WORKS  
(#576)**

The Senate and House Conference Committee on Public Works approved \$1,670,000 for bank stabilization on the Missouri River in the Bismarck-Mandan area. Secretary Hoisveen stated that it was hoped that the work could be started this fall. The State Water Commission will be requested to give the "a,b,c" assurances.

Governor Guy had prepared a resolution and presented it to the Missouri Basin Inter-Agency Committee requesting their recommendation concerning operation and maintenance costs on bank stabilization projects. The Missouri Basin Inter-Agency Committee did not take action. They did, however, send the resolution to the Water Resources Council. Secretary Hoisveen talked to General Cassidy and he indicated they were going to make a study of all areas below Corps of Engineers' dams with the purpose of coming up with some policy in regard to the operation and maintenance of these projects.

**INCREASED INTEREST  
RATE (G-11)**

An editorial appeared in the Minot Daily News with regard to higher interest rates for new water projects.

The State Water Commission filed a statement with the Water Resources Council in Washington pointing out the dangers of a sharp increase in the interest rate for determining feasibility of water development projects.

It was moved by Commissioner Jungroth, seconded by Commissioner Dushinske and carried that the Secretary be commended for his diligence in sending a letter to the Water Resources Council protesting the increased interest rate for federal water projects.

**SMALL WATERSHED  
PROJECTS (#1390)**

Commissioner Dushinske pointed out that the funds of the Soil Conservation Service were being reduced for small

watershed projects. He suggested sending a letter protesting this reduction. Secretary Hoisveen stated that a day letter had been sent to Representative Aspinall requesting his support of the passage of S862.

It was moved by Commissioner Dushinske, seconded by Commissioner Steinberger and carried that a letter or telegram be sent protesting the reduction of funds for small watershed projects.

**KINDRED DAM ASSURANCES  
(#1344)**

Secretary Hoisveen stated that the Commission has been requested to furnish assurances to the Corps of Engineers

on Kindred Dam. In the past the assurances have been worked out with the local entities. The Corps of Engineers is now giving a three year post-construction free operation and maintenance period. The State Water Commission has adopted a resolution supporting Kindred Dam, which support has been reaffirmed.

Mr. Grindberg stated that he had just talked to Robert Calton, Corps of Engineers. They have promised Senator Young a report on Kindred Dam. The Corps would like a letter from the sponsor that there is a reasonable possibility funds can be provided. The Corps does not consider such a letter binding but would like some indication that the Water Commission feels these necessary commitments will be met when the time comes.

It was moved by Commissioner Dushinske, seconded by Commissioner Dahl that, based on the previous actions of the Commission and the powers vested in the Commission, subject to procuring funds from future legislatures, the Commission would agree to sponsor the Kindred Dam Project and would secure the necessary commitments prior to development.

On Roll Call Commissioners Dushinske, Gallagher, Steinberger and Dahl voted yes. Commissioner Jungroth voted no.

WATER PERMITS  
#1561, 1564-1585,  
1587-1592  
(See Appendix A)

Secretary Hoisveen presented 29 water permits to the Commission for consideration. It was the recommendation of the State Engineer that these water permits be approved and that the permits of Marvin Kienzle, Woodworth, Permit #1587, and Leno Schulz, Woodworth, Permit #1590, although approved are deferred pending further investigation of the aquifer.

It was moved by Commissioner Dushinske, seconded by Commissioner Jungroth and carried that the 29 water permits be approved, subject to such conditions as indicated on the permit and that the water permits of Marvin Kienzle and Leno Schulz although approved are deferred pending further investigation of the aquifer.

MINOT WATER  
SUPPLY (#782)

Mr. Grindberg stated that the Commission's Ground-Water Engineer has stated that if the inter-ties exist between the aquifers

like he thinks they do, it is going to turn out to be a better water supply for Minot than was first thought.

SOIL CONSERVATION  
SERVICE TYPE IV  
RIVER BASIN PLANS

Mr. Schulz stated that the Soil Conservation Service has a program available whereby they will conduct TYPE IV River Basin Studies. Included in a TYPE IV

study would be proposals for water and related land resources development in the same manner as the Commission plans in its next phase of comprehensive river basin planning. There is no state cost participation.

STATE WATER PLAN  
(#322)

Commissioner Gallagher suggested that as each phase of the State Water Plan is completed that it be placed on the agenda

for discussion.

STATE WATER COMMISSION  
MEETING IN FARGO  
(Souris-Red-Rainy River  
Basins Commission)

Commissioner Gallagher suggested that a Commission meeting be held in Fargo at some future date so the Commission could visit the Souris-Red-Rainy River Basins Commission.

The meeting adjourned at 12 noon.

Milo W. Hoisveen  
Secretary

ATTEST:

William L. Guy  
Governor-Chairman

WATER PERMITS FOR SEPTEMBER 23, 1968 AGENDA

No.	Name and Address	Source	Purpose	Amount Requested	Recommendations and Comments
1564	Ronald Christenson Driscoll	Unnamed Intermittent Streams-noncontribut- ing area of Missouri River	Irrigation	23 acre-feet 45.4 acres	23 acre-feet 45.4 acres
1565	Clark Jorgenson Williston	Underground sources and Little Muddy	Recreation	18 acre-feet	18 acre-feet
1566	Einar Broderson Watford City	Tobacco Garden trib. Missouri	Irrigation	120 ac.ft. 60.1 acres	60.1 acre-feet 60.1 acres
1567	Merle E. Mattson Tioga	Underground sources	irrigation	240 acre-feet 156 acres	240 acre-feet 156 acres
1568	The Williams Co. Cleveland	Unnamed Intermittent Stream trib. Noncontributing area of James River	Fish and wildlife	34 acre-feet storage plus 18 acre- feet annual use	34 acre-feet storage plus 18 acre-feet annual use
1569	Alf M. Holm Epping	Unnamed Draw trib. Long Creek and Garrison Reservoir	Fish Dam	48 acre-feet storage 15 acre-feet annual use	48 acre-feet storage plus 15 acre-feet annual use

Water Permits Continued

No.	Name and Address	Source	Purpose	Amount Requested	Recommendations and Comments
1570	William Rabe Dickinson	Deep Creek trib. Little Missouri	Irrigation	168 acre-feet 84.2 acres	84.2 acre-feet; 84.2 acres. Rate of withdrawal is not to exceed 1350 gpm March 15 through June 15 each year and no pumping is to be done when it will impair the downstream domestic water use
1571	Albert Wolf Mott	Unnamed Intermittent Draw trib. Cannonball	Irrigation	20 acre-feet 10.2 acres	10.2 acre-feet 10.2 acres
1572	Osborne Galde Aneta	Unnamed tributary trib. Sheyenne River	Recreation Wildlife Livestock Watering	70.4 acre-feet storage plus 30.3 acre-feet annual use	70.4 acre-feet storage plus 30.3 acre-feet annual use
1573	Jerry L. Jarvis Valley City	Sheyenne River	Irrigation	18 acre-feet 10 acres	15 acre-feet 10 acres
1574	Fred Ferguson White Earth	underground	Irrigation	474 acre-feet 237 acres	474 acre-feet 237 acres
1575	Clarence Haggard Livona Station	Badger Creek and Oahe backup water trib. Missouri	Irrigation	168 acre-feet 84 acres	168 acre-feet 84 acres

Water Permits Continued

No.	Name and Address	Source	Purpose	Amount Requested	Recommendations and Comments
1576	Harry Hufnagel Tappen	Underground	Irrigation	1224 acre-feet 612 acres	918 acre-feet 612 acres rate of withdrawal subject to results of pumping test. Rate of withdrawal not to exceed 2000 gpm
1577	George Heinrich Adrian	Unnamed Stream trib. James River	Fish Dam	283.6 acre-feet storage 67.5 acre-feet annual use	storage 283.6 acre-feet/plus 67.5 acre-feet annual use
1578	Fargo Park Board Fargo	Underground	Recreation	85 acre-feet	85 acre-feet rate of withdrawal is subject to pumping test; rate of with- drawal is not to exceed 54 gpm
1579	Orian Tweden Watford City	Unnamed Intermittent Draw trib. Garrison Reservoir	Fish Dam	25.8 acre-feet storage 13.5 acre-feet annual use	25.8 acre-feet storage plus 13.5 acre-feet annual use.
1561	City of Kathryn	underground sources	municipal	250 acre-feet	250 acre-feet. Rate of with- drawal subject to results of pumping test and that in view of the very questionable supply of water, additional information be submitted to the State Engineer before perfected water permit is issued.
1580	Norman Thompson Hurdsfield	unnamed stream trib. noncontributing area of James	fishing, recreation wildlife	44 acre-feet storage 21 acre-feet annual use	44 acre-feet storage plus 21 acre-feet annual use

WATER RIGHTS CONTINUED

No.	Name and Address	Source	Purpose	Amount Requested	Comments and Recommendations
1581	Perry E. Elletson, Jr Cartwright	Intermittent draw, trib. Charbonneau Creek, Charbonneau Creek trib. Yellowstone River and backwater of Yellowstone	Waterspreading	60 acre-feet  26.7 acres	53.4 acre-feet  26.7 acres
1582	Iver Anderson Grand Forks	Salt Water Coulee trib. Turtle River and Red River	Recreation and Wildlife	40.3 acre-feet storage plus 43.2 acre-feet annual use	40.3 acre-feet storage  plus 43.2 acre-feet annual use
1583	Woodrow Sveen White Earth	Underground sources	Irrigation	300 acre-feet  156 acres	300 acre-feet  156 acres
1584	Franklin Glimm Zahl	Underground sources	Irrigation	412 acre-feet  206 acres	309 acre-feet  206 acres
1585	Joe Kordonowy Belfield	Unnamed Intermittent Draw tributary of Green River	Recreation (fish dam)	60 acre-feet storage plus 24.9 acre-feet annual use	60 acre-feet storage plus 24.9 acre-feet annual use. Rate of withdrawal not to exceed natural flow of the intermittent draw. A 4" drawdown pipe is to be installed.

WATER PERMITS CONTINUED

No.	Name and Address	Source	Purpose	Amount Requested	Recommendations and Comments
1587	Marvin Kienzle Woodworth  APPROVED	Underground  DEFERRED	Irrigation  PENDING FURTHER INVESTIGATION	732 acre-feet 367 acres	550 acre-feet 367 acres
1588	Virgil Hartsoch Ray	Underground	Irrigation	160 acre-feet 161 acres	160 acre-feet 161 acres
1589	Verland Hartsoch Ray	Beaver Creek trib. Garrison Resv.	Irrigation	84 acre-feet 84 acres	84 acre-feet 84 acres
1590	Leno Schulz Woodworth  APPROVED	Underground  DEFERRED	Irrigation  PENDING FURTHER INVESTIGATION	276 acre-feet 138 acres	207 acre-feet 138 acres
1591	Wallace Weyrauch Ray	Underground	Irrigation	450 acre-feet 451 acres	450 acre-feet 451 acres
1592	Town & Country Club Devils Lake	Underground	Irrigation	100 acre-feet 50 acres	100 acre-feet 100 acres

NORTH DAKOTA STATE WATER COMMISSION

FINANCIAL STATEMENT - SEPTEMBER 30, 1968

1967-1969 APPROPRIATIONS

	Available Funds		Disbursements		Account Balances			
	APPROPRIATION	RECEIPTS	TO DATE	SEPTEMBER '68	UNEXPENDED	ENCUMB.	UNENCUMB.	
GENERAL OPERATIONS: ACCOUNT								
1007-Salaries Expense	\$642,269.00							
	<u>54,050.00</u>	\$696,319.00	\$ -	\$451,388.28	\$28,760.34	\$244,930.72 #	\$ -	\$244,930.72
2007-Fees & Services	126,000.00	-	80,366.86	6,147.08	45,633.14	-	45,633.14	
3007-Supplies & Materials	145,000.00	-	85,661.55	6,206.63	59,338.45	-	59,338.45	
4007-Equipment	35,000.00	-	27,751.93	-	7,248.07	867.10	6,380.97	
7707-Red Basin Comm.	95,000.00	-	59,095.25	-	35,904.75	29,375.00	6,529.75	
TOTAL GENERAL OPERATIONS	\$1,097,319.00		\$704,263.87	\$41,114.05	\$393,055.13	\$30,242.10	\$362,813.03	
CONTRACT FUND:								
001-770-Contract "Approp."	\$ 665,923.00	\$ -	\$145,923.00	\$145,923.00	\$520,000.00	\$505,318.46	\$ 14,681.54	
Carryover to 1969-1971	180,000.00	-	-	-	180,000.00	180,000.00	-	
336-770-Contract "Cash"	443,646.46	516,423.57	964,844.49*	23,769.50	141,148.54	141,148.54	-	
Transfer from 001 to 336	-	145,923.00	-	-	-	-	-	
TOTAL CONTRACT FUND	\$1,289,569.46	\$662,346.57	\$1,110,767.49*	\$169,692.50	\$841,148.54	\$826,467.00	\$ 14,681.54	
GRAND TOTALS	\$2,386,888.46	\$662,346.57	\$1,815,031.36	\$210,806.55	\$1,234,203.67	\$856,709.10	\$377,494.57	

\* \$54,050 transfer to Salaries & Wages from Contract Fund. Included as Disbursement in Col. 3 - Disb. to Date - Fund 336-770

# Additional \$39,300 due from WRC for Planning Grants

NORTH DAKOTA STATE WATER COMMISSION  
STATUS OF CONSTRUCTION BOND GUARANTEE FUND  
AS OF SEPTEMBER 30, 1968

ACCOUNT	Available Funds		Disbursements		Account Balances		
	APPROPRIATION	RECEIPTS*	TO DATE	SEPT., '68	UNEXPENDED	UNCUMB.	UNENCUMB.
535-770-CONST. BOND GUAR.	\$ 90,000.00	\$30,620.54	\$30,120.54	\$ -	\$ 90,000.00	-	\$ 90,000.00
0500 INVESTMENT PRIN.	15,000.00	.00	500.00	-	14,500.00	-	14,500.00
	<u>\$105,000.00</u>	<u>\$30,620.54</u>	<u>\$30,620.54</u>	<u>-</u>	<u>\$104,500.00</u>		<u>\$104,500.00</u>

NOTE - FUND #535-770 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 #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 RECEIVABLE TO MATURITY</u>	<u>PRINCIPAL</u>	<u>TOTAL INCOME ANTICIPATED</u>
U. S. TREASURY BONDS	12-68	2.50%	\$ 37.50	\$ 3,000	\$ 3,037.50
SIoux IRRIGATION DIST. BONDS	1984 SERIALLY	2.25%	2,868.75	11,500	14,368.75
			<u>\$2,906.25</u>	<u>\$14,500</u>	<u>\$17,406.25</u>

(EXCESS OVER \$90,000 CASH IN FUND #535-770 TO BE CREDITED TO GENERAL FUND. 1/2/58 ATTORNEY GENERAL'S OPINION.)

Receipts:	* RETIREMENT OF BONDS	\$17,500.00	* ACCUMULATION OF RECEIPTS TO BOND GUARANTEE FUND SINCE FUND CREATED IN 1939.
	INTEREST ON BONDS	8,988.55	
	SINKING FUND CASH	<u>4,131.99</u>	
		<u>\$30,620.54</u>	

NORTH DAKOTA STATE WATER COMMISSION

PAYROLL - SEPTEMBER 1968

NAME	POSITION	REMARKS	GROSS	W/TAX	S.S.	INS.	RET.	NET
HOISVEEN, MILO W.	STATE ENGINEER	INC. JUNE '67	1,525.00	277.80	-	17.45	61.00	1,168.75
ANDERSON, KAREN	STENO	INC. JAN '68	390.00	60.40	17.16	16.95	15.60	279.89
BAESLER, GORDON	DRAFTSMAN	INC. JAN '68	650.00	78.80	28.60	17.45	26.00	499.15
BALLIET, ALLEN	RODMAN	INC. JAN '68	405.00	31.90	17.82	17.45	16.20	321.63
CHRISTENSEN, RAYMOND	ENGR. AID	INC. JAN '68	565.00	83.90	24.86	16.95	22.60	416.69
DIEDE, JANE	STENO	INC. JAN '68	340.00	46.60	14.96	3.95	13.60	260.89
DONALDSON, DAVID	GW TECH.	INC. JAN '68	475.00	72.70	20.90	3.95	19.00	358.45
DUSHINSKE, RUSSELL	COMMISSIONER	STA. JUL '65	15.00	-	.66	-	-	14.34
EMERSON, MATT	W.R. ENGINEER	INC. JAN '68	760.00	112.70	33.44	17.45	30.40	566.01
FROELICH, LARRY	GW GEOL.	INC. JAN '68	790.00	128.00	34.76	16.95	31.60	578.69
FROEMMING, DALE	OPERATOR	INC. JAN '68	495.00	77.10	21.78	4.20	19.80	372.12
GALLAGHER, RICHARD	COMMISSIONER	STA. JUL '61	15.00	-	.66	-	-	14.34
GLOVER, DALE	HYDROLOGIST	INC. AUG '68	955.00	225.00	15.84	-	38.20	675.96
GRINDBERG, ALAN	ASST. ST. ENG.	INC. JAN '68	1,170.00	185.80	-	16.95	46.80	920.45
GRUNSETH, ARLAND	INV. ENGR.	INC. AUG '68	865.00	105.70	38.06	16.95	34.60	669.69
HEUPEL, MILTON	FIELD ENG.	STA. AUG '68	850.00	83.60	37.40	17.45	34.00	677.55
HILAND, LEONE	CHIEF STENO	INC. JAN '68	550.00	103.10	24.20	1.10	22.00	399.60
JACOBSON, HUGH	ASST. DRILL	INC. JAN '68	450.00	20.40	19.80	16.95	18.00	374.85
JOCHIM, CLIFF	ATTORNEY	INC. JAN '68	540.00	127.20	-	17.45	21.60	373.75
JUNGROTH, JAMES	COMMISSIONER	STA. SEP '68	15.00	-	.66	-	-	14.34
KNUTSON, LEWIS	DRILLER	INC. JAN '68	600.00	49.10	26.40	17.45	24.00	483.05
KOCH, KAY	ACCOUNTANT	INC. JAN '68	460.00	76.00	20.24	17.45	18.40	327.91
LINDVIG, MILTON	G.W. ENG.	INC. JAN '68	910.00	124.40	22.88	16.95	36.40	709.37
LOCKEN, SHARON	STENO	L.A. JUL '68	30.00	1.90	1.32	17.45	-	9.33
MALATERRE, TOM	SURVEYOR	INC. JAN '68	495.00	35.40	21.78	-	19.80	418.02
MURI, GARVIN	CHEMIST	INC. JAN '68	630.00	82.30	27.72	16.95	25.20	477.83
NAPLIN, CHARLES	G.W. GEOL.	INC. JAN '68	655.00	114.50	28.82	4.20	26.20	481.28
NELSON, C.P.	DR. ENGR.	INC. JAN '68	900.00	162.70	26.40	-	36.00	674.90
PUTZ, ROY	OFF. ASST.	INC. JAN '68	330.00	44.60	14.52	3.95	13.20	253.73
SACKMAN, EUGENE	SURVEYOR	INC. JAN '68	590.00	54.40	25.96	17.45	23.60	468.59
SCHANTZ, GEORGE	ENGR. AID	INC. JAN '68	445.00	50.00	19.58	17.45	17.80	340.17
SCHMID, ROGER	GW HYDROLOGIST	INC. JAN '68	820.00	98.10	36.08	17.45	32.80	635.57
SCHULZ, DELTON	OFF. ENGR.	INC. SEP '68	1,025.00	150.60	5.28	17.45	41.00	810.67
SCHULZ, JIM	ASST. SECY	INC. JAN '68	1,025.00	150.60	-	17.45	41.00	815.95

NAME	POSITION	REMARKS	GROSS	W/TAX	S.S.	INS.	RET.	NET
SCOTT, CLIFF	DESIGN ENG	INC. AUG'68	900.00	137.00	34.10	17.45	36.00	675.45
SCOTT, LLOYD	DRAFTSMAN	INC. AUG'68	565.00	95.00	24.86	17.45	22.60	405.09
SENGER, ANTON	OPERATOR	INC. JAN'68	525.00	76.30	23.10	-	21.00	404.60
SIMENSON, KENNETH	CONST. ENG.	INC. AUG'68	910.00	102.30	30.58	17.45	36.40	723.27
SORENSEN, PHYLLIS	STENO	RES. SEP'68	205.27	18.80	9.03	-	-	177.44
SPEAKS, GLENN	OPERATOR	INC. JAN'68	495.00	46.50	21.78	16.95	19.80	389.97
STEINBERGER, HENRY	COMMISSIONER	STA. JUL'61	15.00	-	.66	-	-	14.34
TILLOTSON, ANN	RES. ASST.	INC. JAN'68	360.00	51.20	15.84	4.20	14.40	274.36
THOMPSON, JAMES	LAB. TECH.	STA. MAR'68	400.00	42.40	17.60	16.95	16.00	307.05
ULRICH, ROGER	RODMAN	STA. JAN'68	375.00	52.70	16.50	4.20	15.00	286.60
VOELLER, PIUS	FOREMAN	INC. JAN'68	575.00	12.20	25.30	17.45	23.00	497.05
WALTERSON, HOWARD	CONST. SUPT.	INC. JAN'68	625.00	82.30	27.50	17.45	25.00	472.75
WENTZ, STANLEY	ASST. RES. PLAN	RES. AUG'68	108.15	-	4.76	-	-	103.39
WRAY, JUDY	STENO	RES. AUG'68	41.04	-	1.81	-	-	39.23
SWC GROUP INSURANCE -37			185.00			185.00		-
SWC RET. MATCHING			706.48				706.48	-
			<u>27,725.94</u>	<u>3,732.00</u>	<u>881.96</u>	<u>715.80</u>	<u>1,762.08</u>	<u>20,634.10</u>

NORTH DAKOTA STATE WATER COMMISSION  
 FINANCIAL STATEMENT - October 31, 1968  
 1967-1969 APPROPRIATIONS

	Available Funds		Disbursements		Account Balances			
	APPROPRIATION	RECEIPTS	TO DATE	OCTOBER '68	UNEXPENDED	ENCUMB.	UNENCUMB.	
<b>GENERAL OPERATIONS: ACCOUNT</b>								
1007-Salaries Expense	\$642,269.00							
	<u>54,050.00</u>	\$696,319.00	\$ -	\$479,739.51	\$28,351.23	\$216,579.49 #	\$ -	\$216,579.49
2007-Fees & Services	126,000.00	-	85,391.80	5,024.94	40,608.20	-	40,608.20	
3007-Supplies & Materials	145,000.00	-	90,921.65	5,260.10	54,078.35	-	54,078.35	
4007-Equipment	35,000.00	-	27,751.93	-	7,248.07	842.10	6,405.97	
7707-Red Basin Comm.	95,000.00	-	85,053.91	25,958.66	9,946.09	-	9,946.09	
<b>TOTAL GENERAL OPERATIONS</b>	<b>\$1,097,319.00</b>		<b>\$768,858.80</b>	<b>\$64,594.93</b>	<b>\$328,460.20</b>	<b>\$ 842.10</b>	<b>\$327,618.10</b>	
<b>CONTRACT FUND:</b>								
001-770-Contract "Approp."	\$ 665,923.00	\$ -	\$145,923.00	\$ -	\$520,000.00	\$507,167.03	\$ 12,832.97	
Carryover to 1969-1971	180,000.00	-	-	-	180,000.00	180,000.00	-	
336-770-Contract "Cash"	443,646.46	529,159.95	1,062,135.44*	97,290.95	56,593.97	56,593.97	-	
Transfer from 001 to 336	-	145,923.00	-	-	-	-	-	
<b>TOTAL CONTRACT FUND</b>	<b>\$1,289,569.46</b>	<b>\$675,082.95</b>	<b>\$1,208,058.44*</b>	<b>\$97,290.95</b>	<b>\$756,593.97</b>	<b>\$743,761.00</b>	<b>\$ 12,832.97</b>	
<b>GRAND TOTALS</b>	<b>\$2,386,888.46</b>	<b>\$675,082.95</b>	<b>\$1,976,917.24</b>	<b>\$161,885.88</b>	<b>\$1,085,054.17</b>	<b>\$744,603.10</b>	<b>\$340,451.07</b>	

\* \$54,050 transfer to Salaries & Wages from Contract Fund. Included as Disbursement in Col. 3 - Disb. to Date - Fund 336-770

# Additional \$39,300 due from WRC for Planning Grants

NORTH DAKOTA STATE WATER COMMISSION  
STATUS OF CONSTRUCTION BOND GUARANTEE FUND  
AS OF OCTOBER 31, 1968

ACCOUNT	Available Funds		Disbursements		Account Balances		
	APPROPRIATION	RECEIPTS*	TO DATE	OCT., '68	UNEXPENDED	UNCUMB.	UNENCUMB.
535-770-CONST. BOND GUAR.	\$ 90,000.00	\$30,620.54	\$30,120.54	\$ -	\$ 90,000.00	\$ -	\$ 90,000.00
0500 INVESTMENT PRIN.	15,000.00	.00	500.00	-	14,500.00	-	14,500.00
	\$105,000.00	\$30,620.54	\$30,620.54	-	\$104,500.00		\$104,500.00

NOTE - FUND #535-770 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 #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

TYPE	DUE DATE	INTEREST RATE	INTEREST RECEIVABLE TO MATURITY	PRINCIPAL	TOTAL INCOME ANTICIPATED
U. S. TREASURY BONDS	12-68	2.50%	\$ 37.50	\$ 3,000	\$ 3,037.50
SIoux IRRIGATION DIST. BONDS	1984 SERIALLY	2.25%	2,868.75	11,500	14,368.75
			\$ 2,906.25	\$14,500	\$17,406.25

(EXCESS OVER \$90,000 CASH IN FUND #535-770 TO BE CREDITED TO GENERAL FUND. 1/2/58 ATTORNEY GENERAL'S OPINION.)

Receipts:	* RETIREMENT OF BONDS	\$17,500.00	* ACCUMULATION OF RECEIPTS TO BOND GUARANTEE FUND SINCE FUND CREATED IN 1939.
	INTEREST ON BONDS	8,988.55	
	SINKING FUND CASH	4,131.99	
		\$30,620.54	

NORTH DAKOTA STATE WATER COMMISSION

PAYROLL - OCTOBER 1968

NAME	POSITION	REMARKS	GROSS	W/TAX	S.S	INS.	RET.	NET
HOISVEEN, MILO W.	STATE ENGINEER	INC. JUNE '67	1,525.00	277.80	-	17.45	61.00	1,168.75
ANDERSON, KAREN	STENO	INC. JAN '68	390.00	60.40	17.16	16.95	15.60	279.89
BAESLER, GORDON	DRAFTSMAN	INC. JAN '68	650.00	78.80	28.60	17.45	26.00	499.15
BALLIET, ALLEN	RODMAN	INC. JAN '68	405.00	31.90	17.82	17.45	16.20	321.63
CHRISTENSEN, RAYMOND	ENGR. AID	INC. JAN '68	565.00	83.90	24.86	16.95	22.60	416.69
DIEDE, JANE	STENO	INC. JAN '68	340.00	46.60	14.96	3.95	13.60	260.89
DONALDSON, DAVID	GW TECH.	INC. JAN '68	475.00	72.70	20.90	3.95	19.00	358.45
EMERSON, MATT	W.R. ENGINEER	INC. JAN '68	760.00	112.70	33.44	17.45	30.40	566.01
FROELICH, LARRY	GW. GEOL.	INC. JAN '68	790.00	128.00	30.36	16.95	31.60	583.09
FROEMMING, DALE	OPERATOR	INC. JAN '68	495.00	77.10	21.78	4.20	19.80	372.12
GALLAGHER, RICHARD	COMMISSIONER	STA. JUL '61	30.00	-	1.32	-	-	28.68
GLOVER, DALE	HYDROLOGIST	INC. AUG '68	955.00	225.00	-	-	38.20	691.80
GRINDBERG, ALAN	ASST. ST. ENG.	INC. JAN '68	1,170.00	185.80	-	16.95	46.80	920.45
GRUNSETH, ARLAND	INV. ENG.	INC. AUG '68	865.00	105.70	8.36	16.95	34.60	699.39
HANSON, HAROLD	COMMISSIONER	STA. JUL '65	15.00	-	.66	-	-	14.34
HEUPEL, MILTON	FIELD ENG.	STA. AUG;68	850.00	83.60	5.15	17.45	34.00	709.80
HILAND, LEONE	CHIEF STENO	INC. JAN '68	550.00	103.10	24.20	1.35	22.00	399.35
JACOBSON, HUGH	ASST. DRILLER	INC. JAN '68	450.00	20.40	19.80	16.95	18.00	374.85
JOCHIM, CLIFF	ATTORNEY	INC. JAN '68	540.00	127.20	-	17.45	21.60	373.75
KNUTSON, LEWIS	DRILLER	INC. JAN '68	600.00	49.10	26.40	17.45	24.00	483.05
KOCH, KAY	ACCOUNTANT	INC. JAN '68	460.00	76.00	20.24	17.45	18.40	327.91
LINDVIG, MILTON	GW ENG.	INC. JAN '68	910.00	124.40	-	16.95	36.40	732.25
LOCKEN, SHARON	STENO	INC. JAN '68	380.00	58.90	16.72	17.45	15.20	271.73
MALATERRE, TOM	SURVEYOR	INC. JAN '68	495.00	35.40	21.78	-	19.80	418.02
MURI, GARVIN	CHEMIST	INC. JAN '68	630.00	82.30	27.72	16.95	25.20	477.83
NAPLIN, CHARLES	GW GEOL.	INC. JAN '68	655.00	114.50	28.82	4.20	26.20	481.28
NELSON, C.P.	DR. ENG.	INC. JAN '68	900.00	162.70	-	-	36.00	701.30
PUTZ, ROY	OFF. ASST.	INC. JAN '68	330.00	44.60	14.52	3.95	13.20	253.73
SACKMAN, EUGENE	SURVEYOR	INC. OCT. '68	590.00	54.40	25.96	17.45	23.60	468.59
SCHMID, ROGER	GW HYDROLOGIST	INC. JAN '68	820.00	98.10	18.48	17.45	32.80	653.17
SCHANTZ, GEORGE	ENGR. AID	INC. OCT '68	475.00	53.80	20.90	17.45	19.00	363.85
SCHULZ, DELTON	OFF. ENG.	INC. SEP '68	1,025.00	150.60	-	17.45	41.00	815.95
SCHULZ, JIM	ASST. SECY	INC. JAN '68	1,025.00	150.60	-	17.45	41.00	815.95

NAME	POSITION	REMARKS	GROSS	W/TAX	S.S	INS.	RET.	NET
SCOTT, CLIFF	DESIGN ENG	INC. AUG'68	900.00	137.00	-	17.45	36.00	709.55
SCOTT, LLOYD	DRAFTSMAN	INC. AUG'68	565.00	95.00	24.86	17.45	22.60	405.09
SENGER, ANTON	OPERATOR	INC. JAN'68	525.00	76.30	23.10	-	21.00	404.60
SIMENSON, KENNETH	CONST. ENG	INC. AUG'68	910.00	102.30	-	17.45	36.40	753.85
SPEAKS, GLENN	OPERATOR	INC. JAN'68	495.00	46.50	21.78	16.95	19.80	389.97
TILLOTSON, ANN	RES. ASST.	INC. JAN'68	360.00	51.20	15.84	4.20	14.40	274.36
THOMPSON, JAMES	LAB. TECH	STA. MAR'68	400.00	42.40	17.60	16.95	16.00	307.05
ULRICH, ROGER	RODMAN	STA. JAN'68	375.00	52.70	16.50	4.20	15.00	286.60
VOELLER, PIUS	FOREMAN	INC. JAN'68	575.00	12.20	25.30	17.45	23.00	497.05
WALTERSON, HOWARD	CONST. SUPT.	INC. JAN'68	625.00	82.30	27.50	17.45	25.00	472.75
HUCHLER, EVA	OJT	STA. OCT'68	35.00	-	1.54			33.46
SWC GROUP INSURANCE -37			185.00			185.00		-
SWC RET. MATCHING			561.00				561.00	-
			<u>27,626.00</u>	<u>3,774.00</u>	<u>664.93</u>	<u>716.05</u>	<u>1,633.00</u>	<u>20,838.02</u>