

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

GENERAL OPERATIONS: ACCOUNT	Available Funds		Disbursements		Account Balances		
	APPROPRIATION	RECEIPTS	TO DATE	DEC. '67	UNEXPENDED	ENCUMB.	UNENCUMB.
1007 - Salaries Expense \$642,269.00 (transfer) * <u>16,650.00</u>	\$658,919.00	\$ -	\$171,403.42	\$27,562.47	\$487,515.58	\$ -	\$487,515.58
2007 - Fees & Services	126,000.00	-	36,811.61	6,907.02	89,188.39	-	89,188.39
3007 - Supplies & Materials	145,000.00	-	30,672.57	5,756.89	114,327.43	-	114,327.43
4007 - Equipment	35,000.00	-	4,651.01	26.95	30,348.99	20,035.98	10,313.01
7707 - Red Basin Comm.	95,000.00	-	26,400.00	-	68,600.00	58,750.00	9,850.00
	<u>\$1,059,919.00</u>		<u>\$269,938.61</u>	<u>\$40,253.33</u>	<u>\$789,980.39</u>	<u>\$78,785.98</u>	<u>\$711,194.41</u>
CONTRACT FUND:							
001-770-Contract "Approp."	\$ 845,923.00	\$ -	\$ -	\$ -	\$845,923.00	\$539,575.09	\$306,347.91
336-770-Contract "Cash"	443,646.46	177,267.99	502,278.54*	55,773.32	118,635.91	118,635.91	-
	<u>\$1,289,569.46</u>	<u>\$177,267.99</u>	<u>\$502,278.54*</u>	<u>\$55,773.32</u>	<u>\$964,558.91</u>	<u>\$658,211.00</u>	<u>\$306,347.91</u>
	<u>\$2,349,488.46</u>	<u>\$177,267.99</u>	<u>\$772,217.15*</u>	<u>\$96,026.65</u>	<u>\$1,754,539.30</u>	<u>\$736,996.98</u>	<u>\$1,017,542.32</u>

* \$16,650.00 transfer to Salaries & Wages from Contract Fund - August, 1967. Included as Disbursement in Col. 3 - Disb. to date - Fund 336-770

NORTH DAKOTA S WATER COMMISSION
STATUS OF CONSTRUCTION BOND GUARANTEE FUND
AS OF DECEMBER 31, 1967

ACCOUNT	Available Funds		Disbursements		Account Balances		
	APPROPRIATION	RECEIPTS*	TO DATE	DEC. '67	UNEXPENDED	ENCUMB.	UNENCUMB.
535-770-CONST. BOND GUAR.	\$90,000.00	\$29,813.04	\$29,775.54	-	\$90,037.50	-	\$90,037.50
0500 INVESTMENT PRIN.	15,000.00	.00	.00	-	15,000.00	-	15,000.00
	<u>\$105,000.00</u>	<u>\$29,813.04</u>	<u>\$29,775.54</u>		<u>\$105,037.50</u>		<u>\$105,037.50</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 10/57. 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%	\$ 75.00	\$ 3,000	\$ 3,075.00
SIOUX IRRIGATION DIST. BONDS	1984 SERIALY	2.25%	3,138.75	12,000	15,138.75
			<u>\$3,213.75</u>	<u>\$15,000</u>	<u>\$18,213.75</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	\$17,000.00
INTEREST ON BONDS	8,681.05
SINKING FUND CASH	4,131.99
	<u>\$29,813.04</u>

* ACCUMULATION OF RECEIPTS TO BOND GUARANTEE FUND SINCE FUND CREATED IN 1939.

NORTH DAKOTA STATE WATER COMMISSION

PAYROLL - DECEMBER 1967

NAME	POSITION	REMARKS	GROSS	W/TAX	S.S.	INS.	RET.	NET
HOISVEEN, MILO W.	STATE ENGINEER	INC. JUN '67	1,525.00	252.00	-	18.80	61.00	1,193.20
ANDERSON, DONALD	RODMAN	STA. JUL '67	350.00	44.30	15.40	3.95	-	286.35
ANDERSON, KAREN	STENO	INC. OCT '67	360.00	51.30	15.84	18.80	14.40	259.66
BAESLER, GORDON	DRAFTSMAN	INC. JUN '67	620.00	74.90	-	-	24.80	520.30
BALLIET, ALLEN	RODMAN	INC. JUN '67	390.00	28.60	17.16	17.05	15.60	311.59
CHRISTENSEN, RAY	ENGR. AID	INC. JUN '67	535.00	69.50	23.54	18.80	21.40	401.76
DELZER, DON	CHEMIST	STA. JUN '65	157.50	11.10	6.93	-	-	139.47
DIEDE, JANE	STENO	INC. JUN '67	310.00	37.50	13.64	3.95	-	254.91
DONALDSON, DAVID	GW TECH	INC. JUN '67	450.00	62.40	19.80	3.95	18.00	345.85
DUSHINSKE, RUSSELL	COMMISSIONER	STA. JUL '65	30.00	-	1.32	-	-	28.68
EMERSON, MATT	W.R. ENGE	INC. JUN '67	700.00	88.50	-	19.30	28.00	564.20
FROELICH, LARRY	G.W. GEOL	INC. DEC '67	750.00	108.80	-	18.80	30.00	592.40
FROEMMING, DALE	OPERATOR	INC. JUN '67	450.00	62.40	19.80	4.50	18.00	345.30
GALLAGHER, RICHARD	COMMISSIONER	STA. JUL '61	120.00	-	5.28	-	-	114.72
GLOVER, DALE	OFF. ENGR.	INC. JUN '67	890.00	175.00	-	-	35.60	679.40
GRINDBERG, ALAN	ASST ST ENGR	INC. JUN '67	1,100.00	152.30	-	18.80	44.00	884.90
GRUNSETH, ARLAND	INV. ENGR	INC. JUN '67	785.00	82.30	-	18.80	31.40	652.50
HANSON, HAROLD	COMMISSIONER	STA. JUL '65	30.00	-	1.32	-	-	28.68
HILAND, LEONE	CHIEF STENO	INC. JUN '67	520.00	90.10	22.88	1.90	20.80	384.32
JACOBSON, HUGH	ASST DRILLER	INC. JUN '67	425.00	17.40	18.70	-	17.00	371.90
JOCHIM, CLIFF	ATTORNEY	INC. JUN '67	500.00	77.20	-	18.80	20.00	384.00
KNUTSON, LEWIS	DRILLER	INC. JUN '67	550.00	35.40	24.20	-	22.00	468.40
KOCH, KAY	ACCOUNTANT	INC. SEPT '67	430.00	62.40	18.92	18.80	17.20	312.68
KRENZ, EUGENE	RES. PLANNER	INC. AUG '67	825.00	79.20	-	18.80	33.00	694.00
LINDVIG, MILTON	G.W. ENGR	INC. JUN '67	840.00	116.00	-	18.80	33.60	671.60
LOCKEN, SHARON	STENO	STA. OCT '67	350.00	48.90	15.40	19.30	-	266.40
MALATERRE, THOMAS	SURVEYOR	STA. MAR '67	475.00	32.20	20.90	-	19.00	402.90
MURI, GARVIN	CHEMIST	INC. DEC '67	600.00	74.90	26.40	18.80	24.00	455.90
NAPLIN, CHARLES	GEOLOGIST	INC. DEC '67	625.00	96.40	27.50	-	25.00	476.10
NELSON, C. P.	DRAIN ENGE	INC. JUN '67	840.00	139.30	-	-	33.60	667.10
PUTZ, ROY	OFF ASST	INC. JUN '67	365.00	37.10	16.06	3.95	14.60	293.29
SACKMAN, EUGENE	SURVEYOR	INC. JUN '67	565.00	47.20	24.86	18.80	22.60	451.54
SCHANTZ, GEORGE	ENGR AID	INC. JUN '67	420.00	43.70	18.48	17.55	16.80	323.47
SCHMID, ROGER	G.W. HYDROL	INC. JUN '67	770.00	82.30	-	18.80	30.80	638.10
SCHULZ, DELTON	CONST ENGR	INC. JUN '67	860.00	105.80	-	18.80	34.40	701.00
SCHULZ, JIM	ASST SECY	INC. JUN '67	960.00	128.30	-	18.80	38.40	774.50
SCOTT, CLIFF	DESIGN ENGR	INC. JUN '67	810.00	108.90	-	18.80	32.40	649.90

NAME	POSITION	REMARKS	GROSS	W/TAX	S.S.	INS.	RET.	NET
SENGER, ANTON	OPERATOR	INC. JUN'67	500.00	66.10	22.00	-	-	411.90
SIMENSON, KENNETH	REC ENGR	INC. JUN'67	760.00	72.40	-	18.80	30.40	638.40
SPEAKS, GLENN	FOREMAN	INC. JUN'67	440.00	37.90	19.36	17.05	17.60	348.09
TILLOTSON, ANN	RES ASST	INC. JUN'67	335.00	41.60	14.74	3.95	13.40	261.31
VAN DYKE, MERLINE	PROJ ENGR	INC. JUN'67	820.00	89.10	-	18.80	32.80	679.30
VOELLER, PIUS	FOREMAN	INC. JUN 67	550.00	9.30	8.80	17.05	22.00	492.85
WALTERSON, HOWARD	CONST SUPT	INC. JUN'67	600.00	74.90	5.50	18.80	24.00	476.80
WENTZ, STANLEY	ASST RES PLANNER	INC. SEPT'67	650.00	52.00	28.60	18.80	26.00	524.60
WICKLUND, JOHN	DRAFTSMAN	STA. NOV'67	425.00	58.40	18.70	-	-	347.90
WRAY, JUDY	STENO	STA. SEPT'67	72.00	-	3.17	-	-	68.83
SWC GROUP INSURANCE - 33			165.00			165.00		.00
SWC RET. MATCHING			963.60				963.60	.00
			<u>27,563.10</u>	<u>3,225.30</u>	<u>495.20</u>	<u>674.45</u>	<u>1,927.20</u>	<u>21,240.95</u>

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

MEMBERS PRESENT:

Governor William L. Guy, Chairman
 Richard P. Gallagher, Vice Chairman, Mandan
 James Jungroth, Member from Jamestown
 Arne Dahl, Commissioner, Department of Agriculture, Bismarck
 Milo W. Hoisveen, State Engineer, Chief Engineer and Secretary,
 North Dakota State Water Commission, Bismarck

OTHERS PRESENT:

Alan Grindberg, Assistant Chief Engineer, State Water
 Commission,
 Jim Schulz, Assistant Secretary, State Water Commission, Bismarck
 Cliff Jochim, Special Assistant Attorney General, State Water
 Commission, Bismarck
 Dr. James O. Bray, Senior Economist, Stanford Research
 Institute, Menlo Park, California
 Professor R. J. Hammond, Stanford Research Institute
 Menlo Park, California
 Dr. Dale Anderson, North Dakota State University, Fargo
 Norbert Dorow, North Dakota State University, Fargo
 Russell Stuart, Commissioner, State Game and Fish Department, Bismarck

The meeting opened at 9:25 a.m. with
 Commissioner Gallagher, presiding. Present were Commissioners Dahl and Jungroth
 and Secretary Hoisveen. Secretary Hoisveen exercised his prerogative to represent a
 commissioner in order that a quorum might be present.

MINUTES OF DECEMBER 8, 1967,
 APPROVED

It was moved by Commissioner Jungroth,
 seconded by Commissioner Dahl and carried
 that the minutes as distributed be approved.

FINANCIAL STATEMENT FOR
 DECEMBER 1967 APPROVED
 -State of Finances
 for First Quarter of
 Biennium

Secretary Hoisveen presented and discussed
 the financial statement for the first
 quarter of the 1967-1968 biennium. He
 stated that the collections have been very
 good, with the exception of the Bureau of
 Outdoor Recreation. The collections to
 date have amounted to \$177,000. Approximately \$165,000 is due the State Water
 Commission from the Bureau of Outdoor Recreation.

Jim Schulz explained to the Commissioners
 and those present the data processing cost accounting system. The system was
 started in July, 1967. He explained that after the cards have been punched, the
 Data Processing Machine prepares a project cost statement and a "function costs"
 summary for the month. This Function Summary shows the Function; Current Cost;
 Cost to Date; Percent of budget; and the budget. The average over-all percent of
 expenditures for the first quarter of the biennium is 26.5% of the budget.

The December 1967 financial statement was
 approved by the Commission.

Commissioner Dahl then excused himself from the meeting, as he had another appointment to keep.

**GROUND-WATER STUDIES
FOR PEMBINA AND CAVALIER
COUNTIES (#944)**

Agreements have been signed with Pembina and Cavalier Counties for ground-water studies to begin July 1, 1968 in those counties. Under the supervision of the

State Water Commission and the U. S. Geological Survey, this study will be over a four-year period. Total cost for conducting the study in Pembina County is \$92,800 and for Cavalier County \$112,000. Pembina County has agreed to furnish the sum of \$23,200 for its share of the costs. Cavalier County has agreed to furnish the sum of \$28,000 as its share of the costs, with \$7,000 required each year for the four-year period.

It was moved by Secretary Hoisveen, seconded by Commissioner Jungroth and carried that the State Water Commission proceed with and participate in the cost of the Pembina County and Cavalier County ground-water studies to the extent of \$51,200 for the project over a four-year period.

Secretary Hoisveen, at this point, commented to those present Commissioner Dushinske had another appointment for today and is unable to attend the meeting. Hoisveen also reported that Commissioner Steinberger is still in the hospital but is reported doing very well. He also indicated that Commissioner Hanson was on vacation.

**PERSONNEL POLICY PROGRAM
PROPOSED BY EXECUTIVE STAFF
OFFICERS**

Secretary Hoisveen discussed the Personnel Policy Program. He made a recommendation that the State Water Commission endorse this policy. This policy includes such

items as: sick leave, annual leave, holidays, retirement, etc. Alan Grindberg commented that although this policy is not mandatory at present eventually it will become mandatory. Vacation leave was discussed. Employees accumulate eight hours per month or one day per month for the first through third year of employment; $1\frac{1}{4}$ days per month, fourth through seventh year of employment; $1\frac{1}{2}$ days per month, eighth through 12th year of employment; $1\frac{3}{4}$ days per month, 13th through 18th year of employment; and two days per month over 18 years employment.

Secretary Hoisveen recommended that the State Water Commission endorse the Personnel Policy Program.

It was moved by Secretary Hoisveen, seconded by Commissioner Jungroth and carried that the State Water Commission adopt the Personnel Policy Program.

**INTERNATIONAL JOINT COMMISSION
APPROVAL - PEMBINA RIVER REPORT
(#567)**

Secretary Hoisveen reported that copies of a Resolution, which was passed by North Dakota State Water Commission on December 18, 1967 regarding the Pembina

River Development had been distributed. Several letters had been received acknowledging the resolution.

Commissioner Jungroth moved that the North Dakota State Water Commission maintain on file the resolution acknowledgments and continue its support of the International Joint Commission's efforts on behalf of the Pembina River Development Project. Secretary Hoisveen seconded the motion, and it was carried.

Governor Guy enters the meeting and presides.

OFFICE SPACE - STATE WATER COMMISSION (BJC BUILDING) FUNDS NECESSARY FOR REPAIRS ETC. Secretary Hoisveen showed Governor Guy second floor plans of the BJC office area. It is planned that the State Outdoor Recreation Agency is to have part of this floor, which would cut down the space for the Water Commission. It was also stated that the Board of Administration had requested that the Commission relinquish 1100 square feet for another agency. Commissioner Jungroth stated that he did not feel he could see the advantage of moving over to the BJC office if we did not have much more or at least an adequate amount of space over that now occupied by the Water Commission. Two reasons for moving over to the second floor of the BJC office would be to give the Water Commission more office space and right now there are several Water Commission men who are scattered in offices outside the Capitol; having more space would combine the entire Water Commission office. Commissioner Gallagher stated that he, too, felt that any department dealing with water should be in the same building. Mr. Grindberg has been meeting frequently with the Board of Administration regarding the floor plans. Governor Guy studied the floor plans quite considerably. It was mentioned that the Livestock Sanitary Board may require one of the offices which the Water Commission planned to utilize at the State Office Building. Secretary Hoisveen stated that it would require \$15,000 to make the necessary repairs, erecting partitions and installing central air conditioning. Governor Guy suggested that this be arranged outside the contingency fund.

It was moved by Commissioner Gallagher, seconded by Commissioner Jungroth and carried that the Chief Engineer be authorized to expend up to \$15,000 for necessary modifications, repairs and air conditioning of the new offices.

STANFORD RESEARCH INSTITUTE'S PRELIMINARY DRAFT ON WETLANDS PROBLEM (#322)

At 10:00 a.m. Dr. James O. Bray, Senior Economist, and Professor R. J. Hammond both from the Stanford Research Institute entered the meeting to present their research report on the Wetland Problem. Also entering the meeting were Russell Stuart, Commissioner, State Game and Fish Department, Dr. Dale Anderson and Norbert Dorow, representing the North Dakota State University. Dr. Bray began his report by reading the Objectives of the Research project, which are as follows:

1. To develop decision criteria for determining whether flooded land areas in central North Dakota should be used for wildlife refuge or for agricultural production.
2. To develop and present an analytical approach for objectively evaluating land-use potential when measured by the defined criteria in objective one.
3. To develop a plan for applying these criteria and the analytical approach to the various parcels of flooded land in North Dakota.

After a short discussion on the objectives of the research report, Dr. Bray presented six conclusions.

1. The present impasse in the prairie pothole country is primarily the result of insufficiently coordinated action by the federal agencies concerned with agricultural prices, watershed drainage and wildlife protection. In effect, they have been bidding against one another for the same parcels of land, and it is only because landowners have been slow to realize what was occurring that the impasse has only now arisen.
2. Landowners in North Dakota are currently paying more than their due share of the costs of preserving wildlife. They have to endure its depredations; they are being asked to forego, at any rate temporarily, subsidized drainage benefits that are available to farmers outside the prairie pothole country, and the price being paid for perpetual easements to their wetlands probably does not compensate them for the "opportunity cost" of foregoing even unsubsidized drainage.
3. Benefit-cost analyses undertaken in accordance with current federal agency practice afford no guide to the economic returns to be expected from drainage in the prairie pothole country, since they are based neither on logically coherent methods of analysis nor on adequate empirical data.
4. Even if such procedures underwent drastic reform, it would still not be possible to apply them to the evaluation of nonmarketable assets such as wildlife. Hence, benefit-cost analysis cannot be used to evaluate the alternative wildlife and nonwildlife uses of wetlands.
5. The general public alone, through government, can decide what economic value it desires to put on wildlife and wildlife habitat. But that value is likely to depend on the amount of habitat already secured, and to diminish more or less sharply as any "target acreage" is approached.
6. The amount by which crop production would be increased by draining potholed prairie does not appear to be significant from the national point of view, though it may be appreciably more significant from the point of view of the inhabitants of the regions in question. There appears to be no reason why, if the public prefers to keep the potholes in their natural state, it should not do so--for the present at any rate. The problem therefore resolves itself into one of proper compensation to landowners.

Recommendations:

1. It is desirable to establish more clearly the facts on both sides, namely (a) what would be the net advantages of drainage and (b) what are the habitat requirements for wildlife in North Dakota and how might they be affected by the price of easements and the permitted level of hunting. In default of a coordinated federal policy, the State of North Dakota might assume the initiative in investigating these questions. An intelligent answer to (b) would appear to require taking Canadian policies and conditions into account.
2. The five-year moratorium on drainage projects that is currently allowed the U. S. Fish and Wildlife Service seems to have elements of coercion, particularly, when combined with low offers for easements, and should be replaced by a delay no longer than is necessary to allow investigation and offer.
3. Offers to acquire land or easements for wildlife should be based on an independent assessment, with which economists should be associated, of a fair market price for the property. If such a price is refused, it should be open to the state to exercise the right of eminent domain, if this appears to be in the public interest.
4. The price of duck stamps and hunting licenses should be "what the traffic will bear," since there is no reason why the general public or the farmers should subsidize hunting. If hunting is reduced as a result, the demand for habitat may be less; if it is not, the wetland acquisition program will benefit and might logically be extended to allow duck stamp monies to be used for mitigation.
5. Additional research over the whole field of wildlife and wetlands is desirable. In particular -

The whole question of natural vs. artificial habitat and of whether positive measures to improve the productivity of wetlands are possible and desirable appears to require further investigation,

The question of whether regional drainage, by lowering the water table, can have undesirable effects for agriculture if taken too far still seems to be an open one.

After considerable discussion on the Conclusions and Recommendations, Dr. Bray summarized the research report:

There is widespread uncertainty on both sides about the economic facts concerning the prairie pothole country. This report is a first attempt at elucidation, and it would be premature to spell out recommendations in elaborate detail. A need is to be found to separate the apportionment of the financial costs of a project from the evaluation of economic costs in the broader sense, even though this might mean that the project had more than one benefit-cost ratio. The State of North Dakota should draw up its own

standards and apply them to all projects coming before it. The most helpful course would be to allow the market mechanism to act as arbiter between competing uses. To the extent that wildlife is preserved for the benefit of hunters, they should pay for it, to the extent that it is a national amenity, its preservation should be a national charge. If these safeguards should entail more elaborate drainage measures than would otherwise be contemplated, the extra cost should be treated as mitigation and met wholly out of federal funds. Detailed information is not available to determine whether the land could be drained. It is assumed that it would be, in some cases, feasible to drain when flooding was frequent. Farmers by U. S. Department of Agriculture policy, cannot receive federal assistance for drainage if certain wetlands are affected.

The total average annual flooding loss is \$511,000 in the Edmore Watershed. The average costs of flooding equals \$30 per acre/gross. The actual effect of a \$511,000 loss is twice or about one million dollars. Economic analyses were presented on primary benefits only. Secondary benefits have not been taken into consideration. Flooding only has been taken into account - drainage enhancing agricultural land would have to be considered.

Governor Guy was of the opinion that through joint efforts, wildlife may be enhanced and agricultural production improved for the benefit of all. Commissioner Jungroth stated that the "water bank" idea appears to be most acceptable to both wildlife and farm groups.

Governor Guy asked how the water Commission expects to use the report. Secretary Hoisveen stated that the Commission was attempting to arrive at an answer to solve the wetlands problem. He stated that about 25 per cent of the Commission meetings were spent discussing this problem in the Devils Lake Basin and other areas. Hoisveen stated that the Commission, in an effort to establish a program that would be good for wildlife as well as the landowner, was accused by both sides as being unfair. It was hoped that the report would aid the Commission in future considerations relative to the problem by furnishing the Commission with some unbiased criteria to follow as guide lines. Governor Guy asked if there had been some deadline date set for the final publication of the research report. Dr. Bray reported that no dead line date had been set as yet. Governor Guy stated that several deadline dates were already set in the State of North Dakota in which this report will be needed, so he suggested that a date be set. He suggested that other agencies involved in this report should be sent a copy of the draft so that they may review and study it and then make their comments, corrections and recommendations, before the final draft is prepared. Dr. Bray will send the Water Commission 120 copies of this draft by February 15 which will be distributed to the agencies and they will then have approximately 30 days in which to review this report. All comments will then be sent to the Stanford Research Institute by March 15, 1968 and that the Commission will expect to receive the report with corrections by April 15, 1968. It was also noted that on the cover page of the draft, it should be more clearly stated that it is a draft, so it should be labeled "discussion draft".

The Commission meeting then recessed at 12:15 p.m. and reconvened at 2:00 p.m.

STATE AUDITOR'S REPORT
July 1, 1966-June 30, 1967

Secretary Hoisveen reported that the Auditor's Report for the period July 1, 1966, through June 30, 1967, was satisfactory. The auditor's report was accepted and the Secretary was instructed to acknowledge receipt of the report.

CASS COUNTY DRAIN #21
(#1075)

Secretary Hoisveen reported that an inspection of Cass County Drain #21 shows that it was completed within the State requirements and finished in a workmanlike manner. Final vouchers were received in December, 1967, and included costs for an additional mile of drain not included in the original estimate and costs beyond original estimate for the drain extension itself. After adjusting the total, 40 per cent of the State's share of \$7,590.16, there is a balance due as the State's share of \$1,370.76 to close out the project.

CASS COUNTY DRAIN #25
(#1078)

Cass County Drain #25 has been completed in a workmanlike manner. Total costs of this project amounted to \$3,592.57. The cost adjusted to include only the hydraulic improvement of this drain and the State's share would amount to \$1,215.20.

Commissioner Jungroth made a motion that the State participation of \$1,370.76 to Cass County Drain #21 and \$1,215.20 to Cass County Drain #25 be approved. Secretary Hoisveen seconded this motion. The motion carried.

JAMESTOWN DAM
(#832)

Secretary Hoisveen stated that Assistant Chief Engineer Grindberg had contacted the Bureau of Reclamation in regard to a more gradual release of water from the Jamestown Dam. The Bureau of Reclamation implied that flood releases were made in accordance with the recommendations of the Corps of Engineers. Hoisveen stated that contacts would be made with the Corps to see if arrangements could be made whereby the releases could be made over an extended period of time thereby reducing pollution. Commissioner Jungroth was of the opinion that if releases were made at the rate of 20 cfs it would better serve pollution requirements.

CORPS OF ENGINEERS REQUEST FOR
SOIL CONSERVATION SERVICE
CLARIFICATION - SHEYENNE RIVER
(#1344)

Secretary Hoisveen stated that misinformed but well-meaning people have apparently become overly optimistic over the amount of flood control that can be accomplished through the use of PL566 projects. The Corps of Engineers wrote to the state office of the Soil Conservation Service asking them to clarify their position in this regard. The Soil Conservation Service reply indicates that their capability under PL566 would not give them the authority to care for anticipated floods on the Sheyenne. These two letters are of such significance that they are being attached to the minutes. (See Appendices A and B)

RESOLUTION - FRED C. HAGEN

Secretary Hoisveen called the attention of The Commission to the death of Fred C. Hagen.

It was moved by Commissioner Jungroth, seconded by Secretary Hoisveen and carried that an appropriate resolution be forwarded to Mr. Hagen's son and daughter who are the immediate survivors.

(See Appendix C)

**ENGLISH COULEE - REQUEST FOR STATE
WATER COMMISSION PARTICIPATION
(#1351)**

The State Water Commission received a request from the Grand Forks County Water Management District for financial assistance in diverting flood waters of

the English Coulee north of Grand Forks rather than permitting the waters to flow through the city where flood damages were caused to the University of North Dakota and property in that city. Hoisveen explained that the State Water Commission had made the plans and the total cost approximated \$250,000 of which \$98,000 was eligible for Commission participation. Cost to the Commission would be about \$39,200 based on 40 per cent of \$98,000.

It was moved by Commissioner Jungroth, seconded by Secretary Hoisveen and carried that the Commission accept the request for State financial assistance to Grand Forks County to alleviate flooding from English Coulee approximating \$39,200.

**RESERVOIR AND DAM SITES SURVEY
NEW ENGLAND AREA**

At the request of Commissioner Hanson visits were made by staff members to several dam sites in the New England area.

A very fine site appears as a possibility. The State Water Commission will make a study of the site upon receipt of \$200 from local legal entities. Secretary Hoisveen recommended that authorization for the survey be granted.

It was moved by Secretary Hoisveen, seconded by Commissioner Jungroth and carried that the survey be made of the New England area upon receipt of a deposit of \$200.

WATER RIGHTS

#1508

The application of Northland Research Co. Minneapolis, Minnesota to divert 1000 acre-feet of water from the Maple River

for industrial use was presented to the Commission by the Secretary for consideration.

The State Engineer, Milo W. Hoisveen, having considered the application and made his recommendation thereon for 1000 acre-feet annually for industrial use, it was moved by Secretary Hoisveen, seconded by Commissioner Jungroth and carried that the application be approved and the conditional permit granted for the diversion of 1000 acre-feet for industrial use, subject to such conditions as indicated on the permit.

#1509

One permit, Northland Research Company for ground water, was deferred by previous

action taken by the State Engineer. This permit request will require further examination before being submitted to the State Water Commission.

#1510

The application of Peter Feist, Selfridge, to divert 36 acre-feet storage plus 15 acre-feet annual use from an intermittent stream tributary to Porcupine Creek and Missouri River for stockwater and recreation was presented to the Commission by the Secretary for consideration.

The State Engineer, Milo W. Hoisveen, having considered the application and made his recommendation thereon for 36 acre-feet storage plus 15 acre-feet annual use, it was moved by Secretary Hoisveen, seconded by Commissioner Jungroth and carried that the application be approved and the conditional permit granted for the diversion of 36 acre-feet storage plus 15 acre-feet annual use for stockwater and recreation, subject to such conditions as indicated on the permit.

#1511

The application of Albert Schoonover, Ft. Rice, to divert 360 acre-feet of water from an unnamed coulee tributary to the Missouri River to irrigate 180 acres of land was presented to the Commission by the Secretary for consideration.

The State Engineer, Milo W. Hoisveen, having considered the application and made his recommendation thereon for 360 acre-feet to irrigate 180 acres of land, it was moved by Secretary Hoisveen, seconded by Commissioner Jungroth and carried that the application be approved and the conditional permit granted for the diversion of 360 acre-feet to irrigate 180 acres of land, subject to such conditions as indicated on the permit.

RICE LAKE
(622)

Secretary Hoisveen stated that the Commission deserved an explanation of circumstances regarding the so-called Rice Lake controversy which involves the Burleigh County Park Board and the Isaak Walton League with the State Water Commission. He explained that a number of years ago the Commission signed an agreement in which the Commission was to design a small dam for use in connection with the proposed Rice Lake Project. It later developed that a contractor had proceeded to install a dam in the Rice Lake outlet without knowledge of the Commission and without the benefit of a water right which is contrary to State Law. The Commission had included a gate in the structure but none was put in. The Commission then proceeded to place a gate in the outlet and is now accused of trespassing. Dale Jensen, Burleigh County State's Attorney, is suppose to write the Commission and inform them of the County Park Board's decision in the matter. We will not proceed until we receive his letter.

WEST MONANGO DAM
(#1455)

The Commission staff has prepared plans and cost estimates covering the proposed construction of a dam between Monango and Merricourt in Dickey County. The water management district appears anxious to proceed with the project. The estimated cost would be \$50,000, of which the State's share of one-half will be \$25,000.

It was moved by Commissioner Jungroth, seconded by Secretary Hoisveen and carried that the Commission accept the request of water management district to participate in the proposed dam between Monango and Merricourt, the Commission's participation to be \$25,000.

BIG BUFFALO DAM
(#1469)

Commissioner Jungroth discussed the Big Buffalo Dam project near Interstate Highway at Jamestown. Local proponents propose to build a dam as a part of a scenic area which can be viewed from the Interstate Highway. It would provide a man-made fish pond for youngsters 14 years of age and under. Commissioner Jungroth asked that Secretary Hoisveen set up a meeting in Jamestown to get this project underway. Financial assistance is needed for this project. The total cost is estimated to be \$36,000 without pumping facilities plus \$8,00 for the pumping facilities. The City will take care of the pumping requirements. No federal funds will be available for moving the dirt, this will have to come from state or local funds. Difficulty has been encountered in obtaining a concerted effort at the local level to promote the project.

The meeting adjourned at 2:10 p.m.

Mula W. Hoisveen
Secretary

ATTEST:

William L. Guy
Governor-Chairman

DEPARTMENT OF THE ARMY
St. Paul District, Corps of Engineers
1217 U. S. Post Office & Custom House
St. Paul, Minnesota -55101

APPENDIX A

NCS-ED-B

15 January 1968

Mr. Charles A. Evans
State Conservationist
Soil Conservation Service
U. S. Department of Agriculture
P. O. Box 1458
Bismarck, North Dakota 58502

Dear Mr. Evans:

As you are probably aware we have been reviewing the several suggested alternatives to solve the flood and related water problems on the Sheyenne River. Reception by rural interests of our plans to study a possible storage area near Cooperstown has been less than enthusiastic and some opposition has prevailed for several years to a proposed multiple-purpose reservoir near Kindred slowing down our progress. On the other hand we are acutely aware of the possibility of a major flood disaster in the West Fargo area and the existing prospect of serious flooding at Valley City unless adequate measures are taken.

We are writing at this time to request your agency's official position regarding the contribution which tributary storages, possible for development under your Public Law 566 program, might make to the solution of the main-stem flood problems, particularly in the Valley City and West Fargo urban areas. We have completed a preliminary study of tributary storage development, some involving considerably more storage than would normally be eligible for development under Public Law 566, but have been unable to obtain an adequate degree of flood protection in the urban areas. Further, the costs of such a program considerably exceed the costs of other alternatives to obtain comparable or greater flood protection.

On several occasions your representatives in the State Office have informally indicated their general concurrence with our findings and have reported that the Soil Conservation Service has stated at several public meetings that Public Law 566 structures could not solve the Sheyenne River flood problems. Nevertheless, we continue to hear rumors that statements are being attributed to your agency that a Public Law 566 program, such as has been undertaken or is contemplated on the Maple River, could solve the urban problems on the Sheyenne River. Such public statements, unless supported by the results of fairly detailed hydraulic flood routing studies, encourage well-meaning but poorly informed individuals to oppose all programs which might help the area, and ultimately they could cause us both considerable embarrassment.

NCSED-B
Mr. Charles Evans

15 January 1968

We trust that the statements are not being made by your area men and suspect that they are more probably attributable to representatives of agricultural groups with which your men cooperate. In any case a clear statement of your position in this matter would be most helpful to us in the furtherance of this most difficult study. Your early reply would be appreciated.

Sincerely yours,

RICHARD J. HESSE
Colonel, Corps of Engineers
District Engineer

Copy furnished:

Mr. Daniel R. Twitchell, Sec.,
Southeast Cass Water Mgt Dist.,
West Fargo, N. Dak. 58708

Mr. Milo W. Hoisveen, N. Dak.
State Water Commission, Bismarck, N. Dak.

Mr. Gordon K. Gray, SRRR Basin Commission
Prof. Center, Holiday Mall, Suite 6,
Moorhead, Minn. 56560

APPENDIX B

UNITED STATES DEPARTMENT OF AGRICULTURE
Soil Conservation Service
Box 1458, Bismarck, North Dakota 58501
January 22, 1968

Refer to: NCSED-B

Colonel Richard J. Hesse
District Engineer
St. Paul District, Corps of Engineers
Department of the Army
1217 U. S. Post Office & Custom House
St. Paul, Minnesota 55101

Dear Colonel Hesse:

This is in reply to your letter of January 15, 1968, about the flood and related water problems on the Sheyenne River.

The Soil Conservation Service has received applications for assistance under PL-566 for four watersheds in the Sheyenne drainage basin. These applications are for the Swan-Buffalo Creeks, Upper Maple River, Middle Maple River, and Lower Maple River Watersheds. The locations of these applications are shown on the enclosed Watershed Protection Projects Status Map.

The Swan-Buffalo Creeks Watershed has been authorized for operations and the Upper Maple River Watershed has been approved for planning. The proposed works of improvement for these two projects will provide little, if any, flood protection to land on the main stem of the Sheyenne River. Although we have not made detailed studies of the Middle and Lower Maple River Watersheds, our reconnaissance surveys indicate that the few potential reservoir sites would not have a significant effect on reducing floods on the Lower reaches of the Sheyenne River.

We are now in the process of completing the Watershed Needs part of the USDA Conservation Needs Inventory. This study indicated a very limited opportunity for developing other PL-566 projects within the drainage area of the Sheyenne River. Those that do appear feasible would not furnish adequate flood protection to the main stem areas of the river. The study does indicate the possibility of floodwater retarding structures on some of the tributaries, but they would not qualify under present criteria for assistance under PL-566.

- 2 -

The Soil Conservation Service has not taken the position that the flood problems on the main stem of the Sheyenne River could be solved by the development of PL 566 projects. If other people or agencies have made statements to this effect, they have been based on their own beliefs without any encouragement from this office.

Sincerely yours,

Chas. A. Evans
State Conservationist

Attachment

cc: Daniel R. Twitchell, Secretary,
SE Cass Water Mtg. Dist
West Fargo, N.D.

Milo W. Hoisveen
N.D. State Water Commission
Bismarck, N.D.

Gordon K. Gray, Chm
SRRR Basin Commission
Moorhead, Minn.

APPENDIX C

RESOLUTION 68-1-248

CONDOLENCE - DEATH OF FRED C. HAGEN

WHEREAS, on January 4, 1968, God, in His infinite wisdom, saw fit to summon from our midst Fred C. Hagen; and

WHEREAS, in 1964, Mr. Hagen completed twenty-five years of service as a member of the Fargo City Commission; and

WHEREAS, during this quarter century of public service he devoted much of his time and effort to flood control of the Red River; and

WHEREAS, Mr. Hagen was a driving force in the planning for a projected Sheyenne-Red River diversion canal to carry water from Bald Hill Reservoir near Valley City, and ultimately from the Missouri River, to the Red River and was responsible for stimulating the City of Fargo to assist financially in the construction of the Bald Hill Dam and Lake Ashtabula Reservoir.

NOW, THEREFORE, BE IT RESOLVED by the North Dakota State Water Commission assembled in Bismarck, North Dakota, this 23rd day of January, 1968, that in the passing of Fred C. Hagen, the City of Fargo, the State of North Dakota, and the entire Nation have lost a distinguished citizen and that his many contributions to water conservation and development will serve as a lasting memorial to his name; and

BE IT FURTHER RESOLVED that the members of this Commission extend to Mr. Hagen's children, Mrs. Russell (Marlo) Stuber and Fred C. Hagen, Jr., and their families, their profound sympathy; and

BE IT FURTHER RESOLVED that the Secretary provide Mrs. Stuber and Mr. Fred C. Hagen, Jr., with copies of this resolution.

FOR THE NORTH DAKOTA STATE WATER COMMISSION:

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

ATTEST:

s/ Milo W. Hoisveen
Milo W. Hoisveen
Secretary

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

GENERAL OPERATIONS: ACCOUNT	Available Funds		Disbursements		Account Balances		
	APPROPRIATION	RECEIPTS	TO DATE	JAN. '68	UNEXPENDED	ENCUMB.	UNENCUMB.
1007 - Salaries Expense \$642,269.00 (transfer) * <u>27,650.00</u>	\$669,919.00	\$ -	\$202,360.27	\$30,956.85	\$466,558.73	\$ -	\$466,558.73
2007 - Fees & Services	126,000.00	-	40,743.99	3,932.38	85,256.01	-	85,256.01
3007 - Supplies & Materials	145,000.00	-	34,797.14	4,140.57	110,202.86	-	110,202.86
4007 - Equipment	35,000.00	-	5,257.43	606.42	29,742.57	19,429.56	10,313.01
7707 - Red Basin Comm.	95,000.00	-	26,400.00	-	68,600.00	58,750.00	9,850.00
	<u>\$1,070,919.00</u>		<u>\$309,558.83</u>	<u>\$39,636.22</u>	<u>\$760,360.17</u>	<u>\$78,179.56</u>	<u>\$682,180.61</u>
 CONTRACT FUND:							
001-770-Contract "Approp."	\$ 845,923.00	\$ -	\$ -	\$ -	\$845,923.00	\$578,370.29	\$267,552.71
336-770-Contract "Cash"	443,646.46	228,594.23	555,955.41*	53,676.87	116,285.28	116,285.28	-
	<u>\$1,289,569.46</u>	<u>\$228,594.23</u>	<u>\$555,955.41*</u>	<u>\$53,676.87</u>	<u>\$962,208.28</u>	<u>\$694,655.57</u>	<u>\$267,552.71</u>
	<u>\$2,360,488.46</u>	<u>\$228,594.23</u>	<u>\$865,530.24*</u>	<u>\$93,313.09</u>	<u>\$1,722,568.45</u>	<u>\$772,835.13</u>	<u>\$949,733.32</u>

* \$27,650.00 transfer to Salaries & Wages from Contract Fund - August, 1967. Included as Disbursement in Col. 3 - Disb. to Date - Fund 336-770

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

ACCOUNT	Available Funds		Disbursements		UNEXPENDED	Account Balances	
	APPROPRIATION	RECEIPTS*	TO DATE	JAN. '68		ENCUMB.	UNENCUMB.
535-770-CONST. BOND GUAR.	\$90,000.00	\$29,813.04	\$29,813.04	\$37.50	\$90,000.00	-	\$90,000.00
0500 INVESTMENT PRIN.	15,000.00	.00	.00	-	15,000.00	-	15,000.00
	\$105,000.00	\$29,813.04	\$29,813.04	\$37.50	\$105,000.00		\$105,000.00

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

<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 SERIALY	2.25%	3,138.75	12,000	15,138.75
			\$3,176.25	\$15,000	\$18,176.25

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	\$17,000.00
INTEREST ON BONDS	8,681.05
SINKING FUND CASH	4,131.99
	\$29,813.04

* ACCUMULATION OF RECEIPTS TO BOND GUARANTEE FUND SINCE FUND CREATED IN 1939.

NORTH DAKOTA STATE WATER COMMISSION
PAYROLL - JANUARY , 1968

NAME	POSITION	REMARKS	GROSS	W/TAX	S.S.	INS.	RET.	NET
HOISVEEN, MILO W.	STATE ENGINEER	INC. JUN '67	1,525.00	252.00	67.10	18.80	61.00	1,126.10
ANDERSON, DONALD	RODMAN	STA. JUL '67	302.27	37.50	13.30	3.95	-	247.52
ANDERSON, KAREN	STENO	INC. JAN '68	390.00	55.30	17.16	18.80	15.60	283.14
BAESLER, GORDON	DRAFTSMAN	INC. JAN '68	650.00	81.70	28.60	-	26.00	513.70
BALLIET, ALLEN	RODMAN	INC. JAN '68	405.00	31.90	17.82	17.05	16.20	322.03
CHRISTENSEN, RAYMOND	ENGR. AID	INC. JAN '68	565.00	76.30	24.86	18.80	22.60	422.44
DELZER, DONALD	CHEMIST	STA. JUN '65	343.64	38.90	15.12	-	-	289.62
DIEDE, JANE	STENO	INC. JAN '68	340.00	43.00	14.96	3.95	-	278.09
DONALDSON, DAVID	GW TECH	INC. JAN '68	475.00	66.40	20.90	3.95	19.00	364.75
DUSHINSKE, RUSSELL	COMMISSIONER	STA. JUL '65	30.00	-	1.32	-	-	28.68
EMERSON, MATT	W.R. ENGR	INC. JAN '68	760.00	102.10	33.44	19.30	30.40	574.76
FROELICH, LARRY	G.W. GEOL	INC. JAN '68	790.00	116.80	34.76	18.80	31.60	588.04
FROEMMING, DALE	OPERATOR	INC. JAN '68	495.00	70.40	21.78	4.50	19.80	378.52
GALLAGHER, RICHARD	COMMISSIONER	STA. JUL '61	30.00	-	1.32	-	-	28.68
GLOVER, DALE	HYDROLOGIST	INC. JAN '68	930.00	200.00	40.92	-	37.20	651.88
GRINDBERG, ALAN	ASST ST ENGR	INC. JAN '68	1,170.00	168.30	51.48	18.80	46.80	884.62
GRUNSETH, ARLAND	INV. ENGR	INC. JAN '68	840.00	95.90	36.96	18.80	33.60	654.74
HANSON, HAROLD	COMMISSIONER	STA. JUL '65	30.00	-	1.32	-	-	28.68
HILAND, LEONE	CHIEF STENO	INC. JAN '68	550.00	94.10	24.20	1.90	22.00	407.80
JACOBSON, HUGH	ASST DRILL	INC. JAN '68	450.00	20.40	19.80	-	18.00	391.80
JOCHIM, CLIFF	ATTORNEY	INC. JAN '68	540.00	77.20	23.76	18.80	21.60	398.64
JUNGROTH, JAMES	COMMISSIONER	STA. SEPT '67	30.00	-	1.32	-	-	28.68
KNUTSON, LEWIS	DRILLER	INC. JAN '68	600.00	45.90	26.40	-	24.00	503.70
KOCH, KAY	ACCOUNTANT	INC. JAN '68	460.00	69.20	20.24	18.80	18.40	333.36
KRENZ, EUGENE	RES. PLANNER	INC. JAN '68	860.00	86.00	37.84	18.80	34.40	682.96
LINDVIG, MILTON	GW ENGR	INC. JAN '68	910.00	124.00	40.04	18.80	36.40	690.76
LOCKEN, SHARON	STENO	INC. JAN '68	380.00	53.90	16.72	19.30	-	290.08
MALATERRE, TOM	SURVEYOR	INC. JAN '68	495.00	35.20	21.78	-	19.80	418.22
MURI, GARVIN	CHEMIST	INC. JAN '68	630.00	74.90	27.72	18.80	25.20	483.38
NAPLIN, CHARLES	GW GEOL	INC. JAN '68	655.00	104.40	28.82	-	26.20	495.58
NELSON, C. P.	DR. ENGR	INC. JAN '68	900.00	147.30	39.60	-	36.00	677.10
PUTZ, ROY	OFF ASST	INC. JAN '68	380.00	39.90	16.72	3.95	15.20	304.23
SACKMAN, EUGENE	SURVEYOR	INC. JAN '68	590.00	50.20	25.96	18.80	23.60	471.44
SCHANTZ, GEORGE	ENGR AID	INC. JAN '68	445.00	46.70	19.58	17.55	17.80	343.37
SCHMID, ROGER	GW HYDROLOGIST	INC. JAN '68	820.00	89.10	36.08	18.80	32.80	643.22
SCHULZ, DELTON	OFF ENGR	INC. JAN '68	960.00	128.30	42.24	18.80	38.40	732.26
SCHULZ, JIM	ASST SECY	INC. JAN '68	1,025.00	136.30	45.10	18.80	41.00	783.80

January 1968

NAME	POSITION	REMARKS	GROSS	W/TAX	S.S.	INS.	RET.	NET
SCOTT, CLIFF	DESIGN ENGR	INC. JAN '68	875.00	116.00	38.50	18.80	35.00	666.70
SENGER, ANTON	OPERATOR	INC. JAN '68	525.00	69.50	23.10	-	-	432.40
SIMENSON, KENNETH	CONST ENGR	INC. JAN '68	885.00	92.80	38.94	18.80	35.40	699.06
SPEAKS, CLENN	OPERATOR	INC. JAN '68	495.00	43.90	21.78	17.05	19.80	392.47
TILLOTSON, ANN	RES. ASST	INC. JAN '68	360.00	47.00	15.84	3.95	14.40	278.81
VANDYKE, MERLINE	PROJ ENGR	INC. JAN '68	885.00	102.70	38.94	18.80	35.40	689.16
VOELLER, PIUS	FOREMAN	INC. JAN '68	575.00	12.20	25.30	18.80	23.00	495.70
WALTERSON, HOWARD	CONST. SUPT	INC. JAN '68	625.00	74.90	27.50	18.80	25.00	478.80
WENTZ, STANLEY	ASST RES PLAN	INC. JAN '68	685.00	58.80	30.14	18.80	27.40	549.86
WICKLUND, JOHN	DRAFTSMAN	STA. NOV. '67	309.09	37.50	13.60	-	-	257.99
WRAY, JUDY	OJT STENO	STA. OCT '67	48.00	-	2.11	-	-	45.89
ULRICH, ROGER	RODMAN	STA. JAN '68	206.82	20.20	9.10	3.95	-	173.57
SWC GROUP INSURANCE - 34			170.00			170.00		.00
SWC RET. MATCHING			1,026.00				1,026.00	.00
			<u>29,420.82</u>	<u>3,535.00</u>	<u>1,241.89</u>	<u>685.15</u>	<u>2,052.00</u>	<u>21,906.78</u>

NORTH DAKOTA STATE WATER COMMISSION
 FINANCIAL STATEMENT - FEBRUARY 29, 1968
 1967-1969 APPROPRIATIONS

	Available Funds		Disbursements		Account Balances		
	APPROPRIATION	RECEIPTS	TO DATE	FEB. '68	UNEXPENDED	ENCUMB.	UNENCUMB.
GENERAL OPERATIONS: ACCOUNT							
1007 - Salaries Expense \$642,269.00 (transfer) * <u>27,650.00</u>	\$669,919.00	\$ -	\$232,857.18	\$30,496.91	\$437,061.82	\$ -	\$437,061.82
2007 - Fees & Services	126,000.00	-	42,943.44	2,199.45	83,056.56	-	83,056.56
3007 - Supplies & Materials	145,000.00	-	38,726.81	3,929.67	106,273.19	-	106,273.19
4007 - Equipment	35,000.00	-	13,232.25	7,974.82	21,767.75	10,398.64	11,369.11
7707 - Red Basin Comm.	95,000.00	-	26,400.00	-	68,600.00	58,750.00	9,850.00
	<u>\$1,070,919.00</u>		<u>\$354,159.68</u>	<u>\$44,600.85</u>	<u>\$716,759.32</u>	<u>\$69,148.64</u>	<u>\$647,610.68</u>
CONTRACT FUND:							
001-770-Contract "Approp."	\$ 845,923.00	\$ -	\$ -	\$ -	\$845,923.00	\$508,750.42	\$337,172.58
336-770- Contract "Cash"	443,646.46	276,113.37	585,135.68*	29,180.27	134,624.15	134,624.15	-
	<u>\$1,289,569.46</u>	<u>\$276,113.37</u>	<u>\$585,135.68*</u>	<u>\$29,180.27</u>	<u>\$980,547.15</u>	<u>\$643,374.57</u>	<u>\$327,172.58</u>
	<u>\$2,360,488.46</u>	<u>\$276,113.37</u>	<u>\$939,295.36*</u>	<u>\$73,781.12</u>	<u>\$1,697,306.47</u>	<u>\$712,523.21</u>	<u>\$984,783.26</u>

* \$27,650.00 transfer to Salaries & Wages from Contract Fund. Included as Disbursement in Col. 3 - Disb. to Date -Fund 336-770

NORTH DAKOTA STATE WATER COMMISSION
STATUS OF CONSTRUCTION BOND GUARANTEE FUND
AS OF FEBRUARY 29, 1968

ACCOUNT	Available Funds		Disbursements		Account Balances		
	APPROPRIATION	RECEIPTS*	TO DATE	FEB. '68	UNEXPENDED	ENCUMB.	UNENCUMB.
535-770-CONST. BOND GUAR.	\$90,000.00	\$29,813.04	\$29,813.04	-	\$ 90,000.00	-	\$ 90,000.00
0500 INVESTMENT PRIN.	15,000.00	.00	.00	-	15,000.00	-	15,000.00
	\$105,000.00	\$29,813.04	\$29,813.04	-	\$105,000.00	-	\$105,000.00

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

<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 SERIALY	2.25%	3,138.75	12,000	15,138.75
			\$3,176.25	\$15,000	\$18,176.25

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	\$17,000.00
INTEREST ON BONDS	8,681.05
SINKING FUND CASH	4,131.99
	\$29,813.04

* ACCUMULATION OF RECEIPTS TO BOND GUARANTEE FUND SINCE FUND CREATED IN 1939.

NORTH DAKOTA STATE WATER COMMISSION
PAYROLL - FEBRUARY, 1968

NAME	POSTION	REMARKS	GROSS	W/TAX	S.S	INS.	RET.	NET
HOISVEEN, MILO W.	STATE ENGINEER	INC. JUN'67	1,525.00	252.00	67.10	18.80	61.00	1,126.10
ANDERSON, KAREN	STENO	INC. JAN'68	390.00	55.30	17.16	18.80	15.60	283.14
BAESLER, GORDON	DRAFTSMAN	INC. JAN'68	650.00	81.70	28.60	-	26.00	513.70
BALLIET, ALLEN	RODMAN	INC. JAN'68	405.00	31.90	17.82	17.05	16.20	322.03
CHRISTENSEN, RAYMOND	ENGR. AID	INC. JAN'68	565.00	76.30	24.86	18.80	22.60	422.44
DIEDE, JANE	STENO	INC. JAN'68	340.00	43.00	14.96	3.95	-	278.09
DONALDSON, DAVID	GW TECH	INC. JAN'68	475.00	66.40	20.90	3.95	19.00	364.75
EMERSON, MATT	W.R. ENGR	INC. JAN'68	760.00	102.10	33.44	19.30	30.40	574.76
FROELICH, LARRY	G.W. GEOL	INC. JAN'68	790.00	116.80	34.76	18.80	31.60	588.04
FROEMMING, DALE	OPERATOR	INC. JAN'68	495.00	70.40	21.78	4.50	19.80	378.52
GALLAGHER, RICHARD	COMMISSIONER	STA. JUL'61	15.00	-	.66	-	-	14.34
GLOVER, DALE	HYDROLOGIST	INC. JAN'68	930.00	200.00	40.92	-	37.20	651.88
GRINDBERG, ALAN	ASST ST ENGR	INC. JAN'68	1,170.00	168.30	51.48	18.80	46.80	884.62
GRUNSETH, ARLAND	INV. ENGR	INC. JAN'68	840.00	95.90	36.96	18.80	33.60	654.74
HILAND, LEONE	CHIEF STENO	INC. JAN'68	550.00	94.10	24.20	1.90	22.00	407.80
JACOBSON, HUGH	ASST DRILL	INC. JAN'68	450.00	20.40	19.80	-	18.00	391.80
JOCHIM, CLIFF	ATTORNEY	INC. JAN'68	540.00	77.20	23.76	18.80	21.60	398.64
JUNGROTH, JAMES	COMMISSIONER	STA. SEPT'67	15.00	-	.66	-	-	14.34
KNUTSON, LEWIS	DRILLER	INC. JAN'68	600.00	45.90	26.40	-	24.00	503.70
KOEH, KAY	ACCOUNTANT	INC. JAN'68	460.00	69.20	20.24	18.80	18.40	333.36
KRENZ, EUGENE	RES. PLANNER	INC. JAN'68	860.00	86.00	37.84	18.80	34.40	682.96
LINDVIG, MILTON	GW ENGR	INC. JAN'68	910.00	124.00	40.04	18.80	36.40	690.76
LOCKEN, SHARON	STENO	INC. JAN'68	380.00	53.90	16.72	19.30	5.00	285.08
MALATERRE, TOM	SURVEYOR	INC. JAN'68	495.00	35.20	21.78	-	19.80	418.22
MURI, GARVIN	CHEMIST	INC. JAN'68	630.00	74.90	27.72	18.80	25.20	483.38
NAPLIN, CHARLES	GW GEOL	INC. JAN'68	655.00	104.40	28.82	-	26.20	495.58
NELSON, C.P.	DR. ENGR	INC. JAN'68	900.00	147.30	39.60	-	36.00	677.10
PUTZ, ROY	OFF ASST	INC. JAN'68	380.00	39.90	16.72	3.95	15.20	304.23
SACKMAN, EUGENE	SURVEYOR	INC. JAN'68	590.00	50.20	25.96	18.80	23.60	471.44
SCHANTZ, GEORGE	ENGR AID	INC. JAN'68	445.00	46.70	19.58	17.55	17.80	343.37
SCHMID, ROGER	GW HYDROLOGIST	INC. JAN'68	820.00	89.10	36.08	18.80	32.80	643.22
SCHULZ, DELTON	OFF ENGR	INC. JAN'68	960.00	128.30	42.24	18.80	38.40	732.26
SCHULZ, JIM	ASST SECY	INC. JAN'68	1,025.00	136.30	45.10	18.80	41.00	783.80

FEBRUARY 1968

NAME	POSITION	REMARKS	GROSS	W/TAX	S.S.	INS.	RET.	NET
SCOTT, CLIFF	DESIGN ENGR	INC. JAN'68	875.00	116.00	38.50	18.80	35.00	666.70
SCOTT, LLOYD	DRAFTSMAN	STA. FEB'68	469.74	69.20	20.66	-	-	379.88
SENGER, ANTON	OPERATOR	INC. JAN'68	525.00	69.50	23.10	-	-	432.40
SIMENSON, KENNETH	CONST ENGR	INC. JAN'68	885.00	92.80	38.94	18.80	35.40	699.06
SPEAKS, GLENN	OPERATOR	INC. JAN'68	495.00	43.90	21.78	17.05	19.80	392.47
TILLOTSON, ANN	RES. ASST	INC. JAN'68	360.00	47.00	15.84	3.95	14.40	278.81
VANDYKE, MERLINE	PROJ ENGR	INC. JAN'68	885.00	102.70	38.94	18.80	35.40	689.16
VOELLER, PIUS	FOREMAN	INC. JAN'68	575.00	12.20	25.30	18.80	23.00	495.70
WALTERSON, HOWARD	CONST. SUPT	INC. JAN'68	625.00	74.90	27.50	18.80	25.00	478.80
WENTZ, STANLEY	ASST RES PLAN	INC. JAN'68	685.00	58.80	30.14	18.80	27.40	549.86
WRAY, JUDY	OJT STENO	STA. OCT'67	55.00	-	2.42	-	-	52.58
ULRICH, ROGER	RODMAN	STA. JAN'68	350.00	44.30	15.40	3.95	-	286.35
SWC GROUP INSURANCE - 34			170.00			170.00	-	.00
SWC RET. MATCHING			1,026.00				1,031.00	.00
			<u>28,995.74</u>	<u>3,514.40</u>	<u>1,223.18</u>	<u>700.50</u>	<u>2,057.00</u>	<u>21,500.66</u>