

MINUTES
NORTH DAKOTA STATE WATER COMMISSION
Held in Devils Lake, North Dakota
August 18, 1966

MEMBERS PRESENT:

Governor William L. Guy, Chairman
Richard P. Gallagher, Vice Chairman, Mandan
Gordon Gray, Member from Valley City
Russell Dushinske, Member from Devils Lake
Harold R. Hanson, Member from New England
Arne Dahl, Commissioner, Department of Agriculture & Labor, Bismarck
Milo W. Hoisveen, State Engineer, Chief Engineer and Secretary, Bismarck

OTHERS PRESENT:

R. W. Burwell, Director, U. S. Fish and Wildlife Service, Minneapolis
Robert Garske, Sweetwater-Dry Lake Water Management District, Webster
Milton Sampson, Sweetwater-Dry Lake Water Management District, Edmore
C. A. Evans, Soil Conservation Service, Bismarck
Russell Stuart, Commissioner, State Game and Fish Department, Bismarck
Tyler Hendrickson, State Game and Fish Department, Bismarck
Roger L. Pfeiffer, State Highway Department, Mandan
Kenneth J. Kampa, North Dakota State Highway Department, Bismarck
Vernon C. Lee, Greater North Dakota Association, Fargo
Ellison Madden, Bureau Sport Fisheries and Wildlife, Devils Lake
Stuart L. Murrell, Bureau Sport Fisheries and Wildlife, Minot
Fred J. Fredrickson, Planning Coordinator, State Water Commission, Valley City
Gordon Berg, Sweetwater-Dry Lake Water Management District, Devils Lake
Melvin Christianson, Foughty & Christianson Law Firm, Devils Lake

**SWEETWATER-DRY LAKE FLOOD
PROTECTION AND LAKE RESTORATION
PROJECT #1 (#416)**

the Devils Lake Airport.

The meeting of the State Water Commission, preceding the aerial flight over the flooded areas in the north basin of Devils Lake, was held in the reception room at

AERIAL FLIGHT BRIEFING

Governor Guy opened the meeting at 8:50 a.m. He introduced Gordon Berg, Chairman of the Sweetwater-Dry Lake Water Management District, who highlighted the flood conditions occurring in the area and mentioned the subsequent losses to the farmers resulting from the flood conditions. The highlights are as follows:

**FLOOD CONTROL PROJECT
SWEETWATER-DRY LAKE WATER MANAGEMENT DISTRICT**

1. Sweetwater Lake has been overflowing its banks since early this spring, causing flooding of farm land between the lakes.
2. Flooding in the Edmore, Lawton and Nekoma area has been severe this year. Starkweather watershed has had severe flooding for the last 5 years.
3. From 40,000 to 150,000 acres flooded, on the average. In 1965, on the 1st of June we had 100,000 acres under water. This year, on the 1st of June we had about 80,000 acres under water, of deeded farm land.

4. Today, we have flooding of Sweetwater Lake, Cavanaugh Lake and Dry Lake. A new highway bridge south of Webster is about under water. With inadequate culverts on Old Number 2 between Cavanaugh Lake and Dry Lake, there is caused additional flooding around Cavanaugh Lake, with Dry Lake about 1/3 full of water.
5. According to U. S. Department of Commerce, we have an average of about 1 inch of runoff per year. About .23 comes down the Edmore watershed into Sweetwater Lake. I estimate about 10% of the Starkweather watershed runoff gets into Dry Lake.
6. We have 250 miles of coulees. Coulees are waterways within our two watersheds.
7. Farmers installing dams on lake bottom land, and lake bottom land trying to be put on the tax roll.
8. Farming of lake bottoms this year and other years.
9. We need waterholes and development of ox-bows within our watershed for proper wildlife enhancement.
10. We have on the average \$1,000,000 damage to crops, roads and the spreading of noxious weed seeds. With proper land development we could increase our gross income about \$3,000,000 per year.
4/5 of the good agricultural land in this country needed land development to make it good agricultural land.
11. We have from 30,000 to 40,000 acres of high-line and salt areas within our two watersheds, that are going out of condition.
12. We need lake development, a park at Sweetwater Lake, all types of water sports at Sweetwater Lake, fishing on Cavanaugh Lake, and to maintain Dry Lake for a goose and duck resting and hunting area, closing the lakes to boating in the spring and the fall when geese and ducks are migrating.
13. Size of lakes:

Sweetwater Lake	6,200 acres
Dry Lake	7,000 acres
Cavanaugh Lake	680 acres

Following the aerial tour, lunch was had at the Two Spot Restaurant, after which the meeting reconvened in the Stone House at Camp Grafton.

12:40 p.m.

MINUTES OF JULY 29, 1966

approved as circulated.

FINANCIAL STATEMENT FOR
July, 1966

Governor Guy reopened the meeting at

It was moved by Commissioner Gallagher, seconded by Commissioner Dahl and carried that the Minutes of July 29, 1966 be

Action on the July, 1966 financial statement was deferred until the next Commission meeting.

SWEETWATER-DRY LAKE FLOOD
PROTECTION AND LAKE RESTORATION
PROJECT #1

Governor Guy called upon Vice Chairman Richard P. Gallagher to brief the group regarding some of the previous developments concerning the proposed Sweetwater-

Dry Lake Flood Protection and Lake Restoration Project #1.

Commissioner Gallagher stated that a Task Force had been established for the purpose of determining whether or not the Soil Conservation Service could initiate a survey for the purpose of creating a small watershed project in the North Devils Lake basin to alleviate flooding of crop land. He stated that the Task Force was composed of representatives from the Soil Conservation Service, the Bureau of Sport Fisheries and Wildlife, the State Game and Fish Department and the State Water Commission. Although the participating agencies had agreed upon and signed the Task Force report, the criteria contained therein was rejected by the water management district. This in turn eliminated the Soil Conservation Service from making a study of the area, inasmuch as approval of the Task Force report by the water management district was a requirement. The water management district decided they needed immediate flood relief and concluded the only possible way of obtaining such relief was to go it alone. The water management district employed a firm of consulting engineers known as the North Central Engineers, to make a study of the area in view of commencing construction at the earliest possible date. The plans of the North Central Engineers were reviewed at the State Water Commission meeting held in Fargo on July 29, 1966. The State Water Commission gave tentative approval to the proposed plan if certain modifications were enacted. The modifications principally refer to the ditch slope and gate structure. The Commission deferred cost participation in the project, which had been requested, for later consideration.

Governor Guy requested Gordon Berg to explain what had occurred following the denial of the Soil Conservation Service Survey. Mr. Berg indicated that the Bureau of Sport Fisheries and Wildlife had during recent years solicited and obtained easements on wetlands in the channels from a number of landowners. He stated that the easements were given by older farmers and nonresident owners. He mentioned that the losses resulting from flooding in the upper Devils Lake basin approximated one million dollars annually. He averred that the Soil Conservation Service and the Corps of Engineers' reports showed that the crop production could be increased by three million dollars annually, if proper flood prevention facilities were installed.

Russell Stuart, Commissioner of the State Game and Fish Department, commented on the Task Force report and the criteria used in making the report. He reiterated the fact that all participating agencies signed the report which was subsequently turned down by the district. He stated that the criteria used was similar to that being used in northern Cavalier County and other areas where drainage projects were contemplated.

R. W. Burwell, Regional Director, Bureau of Sport Fisheries and Wildlife, stated that there were approximately 800 landowners in the Basin, of which 100 had signed wetland easements to permit wildlife development. He was of the opinion that the people who gave these easements are unaware of the proposed Sweetwater project. He thought it most important that all affected landowners understand the criteria used in regard to the drainage project. He believed that the State Water Commission should review the project carefully before granting approval as it might be unfair to the grantors of

easements. He indicated that the residents in the basin have a serious problem with surplus water but there was great public use of the area during the hunting season and that the Commission had a responsibility in view of this being of state-wide and national benefit. In his discussion he referred to the fact that the lumber barons had laid waste to vast areas in Minnesota as a result of exploitation and cautioned against such occurrences in this basin if extensive drainage were permitted.

Governor Guy opined that in the case of the criteria, some areas of wildlife would be enhanced through the filling of Dry Lake and other areas. Mr. Stuart replying to the Governor indicated that the deep waters were not always good wildlife areas. He stated that the dispersed water, such as potholes, was best adapted to duck and white tailed deer production. The duck production was of great importance to the area as well as an excellent location for the migration of geese. This fact has made Devils Lake the best goose hunting area in the United States. It in turn has been reflected in the economy of Devils Lake, Churchs Ferry and other towns adjacent to this basin who benefit from the expenditures of hunters who visit the area.

Governor Guy, in an effort to pin down certain features of the Task Force asked whether an improved Dry Lake would enhance goose hunting. Mr. Stuart indicated that it would do very little in this respect because geese do not like deep water and Dry Lake was currently used by coots.

Mr. Berg was of the opinion that many farmers were building dike systems to keep the water off their land. This type of construction caused the flooding of other land as the water in the basin is now principally confined to the lower areas and has no escape. He believed that there were several areas of game enhancement that could be accomplished through the planting of trees and construction of water holes in the channel areas. He also was of the opinion that the agricultural benefits would be greatly increased in the future because of the boom that is taking place in agriculture. He referred to the Kiplinger Agriculture Letter as his source of information in this regard. Upon questioning by the Governor, Gordon Berg indicated that the Bureau of Sport Fisheries and Wildlife desired to retain 85 per cent of the Type III wetlands according to wildlife criteria if the drainage project were initiated and that he believed there would be about a 10 per cent increase in the Type III wetland drainage which would leave approximately 76½ per cent of the wetland. Russell Stuart estimated that if the project were put in that about 90 per cent would be drained.

Governor Guy asked Secretary Hoisveen as to what his opinion was regarding the project. The Secretary stated that he believed the project should be developed as a cooperative venture between the various agencies with each agency making a financial contribution to the project whereby their interests could be maintained. Such project would envision the regulation of the control structure under the direction of an advisory board. He thought possibly a compromise could be made in the criteria resembling that used in the case of the Nome-Lucca project.

Mr. Stuart Murrell, Bureau of Sport Fisheries and Wildlife, said that a considerable compromise would have to be made if the 8 to 10 thousand acres now under easement were relaxed. He pointed out that ducks like small areas and do not like neighbors on the same pond even if they are of the same species.

Commissioner Dahl inquired as to how much the farmer received for signing an easement and what the duration of the easement would be. Messrs. Ellison Madden and R. W. Burwell informed the group that it was \$12 per acre for a perpetual easement.

Commissioner Dushinske indicated that formation of legal drains would be required within the district and the procedure of dealing with wildlife benefits would be re-enacted in those areas.

Commissioner Hanson expressed the belief that the program should be a give and take one. He understood that many of the original channels which conveyed water from the farmlands had been partially filled with silt which in turn resulted in increased flooding and entrapment of water in the area. It was his understanding that several farmers had lost their land as a result of the recurring flood conditions.

Commissioner Gray was of the opinion that the reduction of Type III wetlands was now down to 63 3/4 per cent in view of the easement sign-up. Mr. Murrell substantiated this figure by saying that 25 per cent sign-up had already occurred leaving 65 per cent to be obtained.

Commissioner Dushinske stated that the criteria specified that if the channel passed through an area under easement and drainage was effected it would have to be mitigated in some manner. As a follow-up to this point Gordon Berg stated that there were approximately 250 channel miles and in order to do a complete job of providing extensive drainage the project would total eight million dollars.

Mr. Sampson, water management district board member, stated that it appeared certain that the water management district and the landowners in the district would never approve 85 per cent retention of Type III wetlands.

Mr. Christianson, attorney for the district, requested information regarding the bonding procedure to be followed in making the project become a reality.

Governor Guy called an executive session of the Commissioners. Commissioner Gray suggested that if the project were to cost eight million dollars federal funds would be required for its construction. He was hopeful that possibly a compromise could be made which would permit the retention of 50 per cent of Type III wetlands.

Commissioner Gallagher contended that the Task Force was created for an altogether different situation and "we are concerned with the water management district's problem and that only," whereupon

A motion was made by Commissioner Dushinske, seconded by Commissioner Gray that (1) the State Water Commission approve the North Central Engineer's final plan as modified; (2) that upon written application from the District the State Water Commission will consider and will permit an orderly release of the drainage moratorium, after consultation with and receiving the recommendations of other local, state and federal agencies with the view of weighing the equities and

protecting all interests and resources. The releases from the moratorium shall be started at the lower areas and move progressively in orderly stages to the upstream portions of the basin; (3) That the State Water Commission participate in the engineering costs of the project not to exceed \$40,000. The motion carried.

LAKE ASHTABULA
(#300)

Secretary Hoisveen read a letter from Senator George Sinner in regard to a meeting which was held in Casselton on

May 2nd dealing with the Sheyenne River problems. The letter is attached as Appendix A.

Secretary Hoisveen further stated that Mr. Fredrickson had prepared two resolutions which would, if passed by the cities of Grand Forks and Fargo, permit the lowering of the pool elevation at Lake Ashtabula to accommodate spring runoff and thereby reduce flooding in the Sheyenne River Basin and the Red River Basin. The Secretary recommended that the State Water Commission endorse this approach in view of the fact that such fall and winter time release would not adversely affect the Fargo water supply, as Fargo has not yet made the Sheyenne River water available for municipal usage.

Commissioner Dushinske made a motion that the State Water Commission endorse the procedure as outlined in the attached resolution (Appendix B) and aid in its enactment. The motion was seconded by Commissioner Gray and carried.

SILVER LAKE DAM (#391)

The Secretary stated that a request had been received from the Sargent County

Park Board for participation in the cost of rebuilding a dam on Silver Lake south of the county seat town of Forman. He stated that the State Water Commission investigated the project and estimated the reconstruction costs would be \$30,000. The estimated costs would be allocated on the following basis:

	Bureau of Outdoor Recreation	Sargent County Park Board	SWC	Total
Dam	\$13,500	\$6,750	\$6,750	\$27,000
Preliminary Engineer- ing	<u>1,500</u>	<u>-</u>	<u>1,500</u>	<u>3,000</u>
	\$15,000	\$6,750	\$8,250	\$30,000

It was moved by Commissioner Gray, seconded by Commissioner Hanson and carried that the Commission participate in the cost of the project in accordance with the engineer's estimate. Motion carried.

WATER RIGHTS

#1360

The application of Anton Mosbrucker, Center, to divert 236 acre-feet storage 100 acre-feet annual use from

an unnamed tributary of Square Butte Creek for recreation purposes 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 236 acre-feet storage, 100 acre-feet annual use for fish, wildlife and recreation, it was moved by Commissioner Hanson, seconded by Commissioner Gallagher and carried that the application be approved and the conditional permit granted for the diversion of 236 acre-feet storage, 100 acre-feet annual use for fish, wildlife and recreation, subject to such conditions as indicated on the permit.

#1377

The application of Clarence Nilles of Almont to divert 32 acre-feet storage, 12 acre-feet of water from an unnamed tributary to the Heart River for 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 32 acre-feet storage, 12 acre-feet annual use for recreation, it was moved by Commissioner Hanson, seconded by Commissioner Gallagher and carried that the application be approved and the conditional permit granted for the diversion of 32 acre-feet storage, 12 acre-feet annual use for recreation, subject to such conditions as indicated on the permit.

There being no further business the meeting adjourned.

Milo W. Hoisveen
Secretary

ATTEST:

William L. Guy
Governor-Chairman

APPENDIX A

Casselton, N. Dak.
August 5, 1966

From: Senator George Sinner

To: All who attended the May 2nd, meeting on Sheyenne
River Problems.

It was generally agreed at the May meeting in Casselton, that we would hold a follow-up meeting in July. I'm sorry that I have not written you earlier. However, July brought a good deal of progress toward some recommendations of action; and, it seemed inopportune to contact you until there was a little more certainty of a definite course to follow.

With a great deal of help from Milo Hoisveen and Fred Fredrickson of the State Water Commission, it has been decided, that the SE Cass Flood Control Board should ask the cities of Fargo and Grand Forks to request, through the water commission, the release, this fall, of waters stored behind Bald Hill Dam.

This request would then justify the lowering of the reservoir below the level required to guarantee storage adequate to comply with contractual commitments with these two cities.

Since these two cities hold water rights for the vast majority of the water in Lake Ashtabula, this formal request, if made by the respective cities, should effect a sizeable storage capacity increase for spring run-off, and alleviate flooding threats to some measurable degree along the Sheyenne.

The requests for release would have to be made on an annual basis; and, it is impossible for me to predict how long such a procedure will be practical. Changing weather patterns, increased population and industry, and general water consumption may in a few years preclude such action.

For the present, however, I can see no real reason why these cities will not look favorably upon this idea. Both of them have had flooding problems themselves, and any measure of relief in total water inputs in the Red will help both of them.

If any of you feel that an additional meeting is necessary, please call or write me. In the mean time, give this whole matter some thought, I'd appreciate any suggestions you have.

Best regards.

Sincerely,
s/ George A. Sinner

George A. Sinner
State Senator

APPENDIX B

RESOLUTION

Requesting the lowering of pool elevation in Lake Ashtabula to accommodate the 1967 spring run-off

WHEREAS, flooding of the Sheyenne River below Baldhill Dam in the spring of 1965 and 1966 caused great concern to urban and rural areas and individuals, and resulted in moderate property damage and considerable inconvenience; and

WHEREAS, State Senator George A. Sinner, of Casselton, North Dakota, initiated and chaired a meeting in that City on May 2, 1966, with limited attendance from Barnes, Ransom, Richland and Cass Counties and representation from the State Water Commission and the U. S. Army Corps of Engineers, for the purpose of considering the flood problems and discussing suggested measures to reduce their occurrence and alleviate damage therefrom; and

WHEREAS, it was the consensus that the Board of Directors of Southeast Cass County Water Management District should request the Board of City Commissioners of the City of Fargo, North Dakota, to urge the North Dakota State Water Commission to arrange with the U. S. Army Corps of Engineers, for the drawdown and lowering of the pool elevation in Lake Ashtabula to an elevation, determined by the two agencies, which may be expected to assure ample storage capacity of the potential flood waters from the spring run-off in 1967; and

WHEREAS, Messrs. _____ and _____, representing the Board of Directors of Southeast Cass County Water Management District, appeared before and requested this Commission to urge the State Water Commission to arrange with the Corps of Engineers for such lowering of the Lake Ashtabula pool elevation for the purpose aforesaid;

NOW, THEREFORE, BE IT HEREBY RESOLVED by the Board of City Commissioners of the City of Fargo, Cass County, North Dakota, in regular session this _____ day of _____, 1966, that the North Dakota State Water Commission be, and it is hereby, urged to arrange with the U. S. Army Corps of Engineers to effect adequate drawdown and lowering of the pool elevation in Lake Ashtabula,

by increased water releases therefrom over the 5-month period of October through February, next, to provide ample storage capacity therein for the anticipated 1967 spring run-off; provided, however, that this request of the City of Fargo for such drawdown and lowering of said lake elevation and increased water releases therefrom shall nowise be construed to prejudice or adversely affect the rights to water in Lake Ashtabula granted by the State of North Dakota to and now held by the City of Fargo; and

BE IT FURTHER RESOLVED that a copy of this resolution be by the City Auditor mailed to Milo W. Hoisveen, Engineer-Secretary, State Water Commission, State Capitol, Bismarck, North Dakota 58501; Lt. Colonel Richard J. Hesse, District Engineer, U. S. Army Engineer District, St. Paul, Corps of Engineers, 1217 U. S. Post Office and Custom House, St. Paul, Minnesota 55101; Daniel Twichell, Secretary-Treasurer, Southeast Cass County Water Management District, 133 West Main, West Fargo, North Dakota; and State Senator George A. Sinner, Casselton, North Dakota.

FOR THE BOARD OF CITY COMMISSIONERS OF THE CITY OF FARGO, CASS COUNTY,
NORTH DAKOTA:

Herschel Lashkowitz, President
Board of City Commissioners of
the City of Fargo, North Dakota

ATTEST:

F. R. Fahrlander
City Auditor

The resolution for the Board of City Commissioners
of Grand Forks is the same as the foregoing resolution

NORTH DAKOTA STATE WATER COMMISSION
MONTHLY REPORT OF APPROPRIATIONS AS OF JUL 31, 1966
1965 - 1967 APPROPRIATIONS

"GENERAL OPERATIONS"

ACCOUNT	AVAILAVLE FUNDS		DISBURSEMENTS		ACCOUNT BALANCES		
	APPROPRIATION	RECEIPTS	TO DATE	JUL '66	UNEXPENDED	ENCUMB.	UNENCUMB.
1005 - SALARIES EXP.	431,000.00	147,000.00	249,899.08	23,903.08	328,100.92	.00	328,100.92
2005 - FEES & SERVICES	130,000.00	.00	52,056.16	9,508.07	77,943.84	.00	77,943.84
3005 - SUPPLIES & MAT.	175,000.00	.00	77,984.48	1,678.05	97,015.52	.00	97,015.52
4005 - EQUIPMENT	50,000.00	.00	18,318.96	1,051.56	31,681.04	.00	31,681.04
	<u>786,000.00</u>	<u>147,000.00</u>	<u>398,258.68</u>	<u>36,140.76</u>	<u>534,741.32</u>	<u>.00</u>	<u>534,741.32</u>

TRANSFERRED \$147,000 FROM CONTRACT FUND TO "1005" OCT. 29, 1965

"CONTRACT FUND"

001-770-CONTRACT APPROP.	570,000.00	.00	100,000.00	.00	470,000.00	350,000.00	120,000.00
336-770-CONTRACT "CASH"	422,922.57	192,791.75	513,164.46	27,155.18	102,549.86	105,418.00	2,868.14 CR
	<u>992,922.57</u>	<u>192,791.75</u>	<u>613,164.46</u>	<u>27,155.18</u>	<u>572,549.86</u>	<u>455,418.00</u>	<u>117,131.86</u>

PREPARED BY DAN REISER

SWG FILE C5-1.2

NORTH DAKOTA STATE WATER COMMISSION
STATUS OF CONSTRUCTION BOND GUARANTEE FUND
AS OF JUL 31, 1966

ACCOUNT	AVAILABLE FUNDS		DISBURSEMENTS		ACCOUNT BALANCES		
	APPROPRIATION	RECEIPTS	TO DATE	JUL '66	UNEXPENDED	ENCUMB.	UNENCUMB.
535-770 CONST. BOND GUAR.	90,000.00	25,841.59	25,804.09	4,348.40	90,037.50	.00	90,037.50
0500 INVESTMENT PRIN.	20,500.00	.00	2,000.00	.00	18,500.00	.00	18,500.00
	110,500.00	25,841.59	27,804.09	4,348.40	108,537.50	.00	108,537.50

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 ACCORDENCE 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	INTEREST REC. TO MATURITY	PRINCIPAL	TOTAL INCOME ANTICIPATED
U.S. SERIES K BONDS	4-67	2.76%	\$ 82.80	\$ 2,000	\$ 2,082.80
U.S. TREASURY BONDS	12-68	2.50%	337.50	3,000	3,262.50
SIoux IRRIG DIST BONDS	1984 SERRIALLY	2.25%	3,442.50	13,500	19,325.00
			\$3,862.80	\$18,500	\$24,670.00

EXCESS OVER \$90,000 CASH IN FUND 535-770 TO BE CREDITED TO GENERAL FUND. 1-2'58 AG OPINION

NORTH DAKOTA STATE WATER COMMISSION
PAYROLL - JULY 1966

NAME	POSITION	GRADE	REMARKS	JUL.'66	W/TAX	S.S.	INS	RET.	NET
HOISVEEN, MILO W.	STATE ENGR.	Q-10	INC MAR'65	1,292.00	204.00		16.30	51.68	1,020.02
GRINDBERG, ALAN	ASST. ENGR.	Q-9	STA JUN'66	1,000.00	136.30	42.00	16.30	40.00	765.40
ANDERSON, KAREN	STENO	E-2	STA MAY'66	275.00	38.10	11.55			225.35
BAESLER, GORDON	DRAFTSMAN	J-4	INC FEB'66	560.00	64.20	23.52		22.40	449.88
BALLIET, ALLEN	RODMAN	E-5	STA MAY'66	300.00	36.20	12.60			251.20
BEEKS CLIFF JR.	G.W. GEOL.	I-5	STA JUN'66	525.00	78.40	22.05			424.55
CHRISTENSON, RAY	ENGR. AID	H-2	INC FEB'66	425.00	52.50	17.85		17.00	337.65
DELZER, DONALD	CHEMIST	I-7	STA MAY'66	550.00	72.90	23.10	16.30		437.70
DIEDE, JANE	STENO	D-5	INC JUL'66	275.00	32.10	11.55	3.25		228.10
DONALDSON, DAVID	G.W. TECH.	F-2	STA MAY'66	325.00	40.20	13.65	6.70		264.45
DUSHINSKE, RUSSELL	COMM.	I-5	STA JUL'66	15.00		.63			14.37
EMERSON, MATT	W.R. ENGR.	I-7	STA MAY'66	550.00	63.00	23.10	16.30		447.60
FREDRICKSON, FRED	COORDINATOR	M-7	INC FEB'66	805.70	125.00	33.18	.60	31.60	615.32
FROELICH, LARRY	GEOLOGIST	K-9	INC FEB'66	660.00	81.70	27.72	15.95	26.40	508.23
FROEMMING, DALE	ENGR. AID	G-4	INC FEB'66	400.00	54.90	16.80	3.35	16.00	308.95
GALLAGHER, RICHARD	COMM.	I-5	STA JUL'61	15.00		.63			14.37
GLOVER, DALE	HYDROLOGIST	M-5	INC FEB'66	750.00	150.00	31.50		30.00	538.50
GRAY, GORDON	COMM.	I-5	STA JUL'65	15.00		.63			14.37
GRUNSETH, ARLAND	GEOLOGIST	L-7	INC FEB'66	725.00	75.50	30.45	16.30	29.00	573.75
HANSON, HAROLD	COMM.	I-5	STA JUL'65	30.00		1.26			28.74
HERR, REUBEN	ENGR. AID	2.00	STA JUL'66	320.00	40.20	13.44			266.36
HILAND, LEONE	CH. STENO	I-2	INC FEB'66	475.00	78.10	19.95	3.35	19.00	354.60
HOGER, DENNIS	RODMAN	D-9	STA MAR'66	300.00	32.90	12.60			254.50
JACOBSON, HUGH	ASST. DRILL	F-2	STA APR'66	335.00	3.30	14.07			317.63
JOCHIM, CLIFF	ATTORNEY	G-6	INC FEB'66	420.00	77.20	17.64	16.30	16.80	292.06
KNUTSON, LEWIS	DRILLER	H-8	INC FEB'66	500.00	38.20	21.00		20.00	420.80
KOPP, OWEN	DRAFTSMAN	F-5	INC FEB'66	350.00	40.10	14.70	15.55	14.00	265.65
LINDVIG, MILTON	G.W. ENGR.	L-4	INC MAY'66	725.00	105.20	30.45	16.30	29.00	544.05
LUYBEN, ROBERT	ENGR. AID	F-6	STA JUL'66	360.00	47.00	15.12			297.88
NELSON, C.P.	DRAIN. ENGR	M-5	INC FEB'66	750.00	115.30	31.50		30.00	573.20
PUTZ, ROY	OFF. ASST	F-2	INC FEB'66	325.00	30.30	13.65	3.25	13.00	264.80
REISER, DANUEL	ACCOUNTANT	H-8	INC FEB'66	500.00	46.90	21.00	15.55	20.00	396.55
SACKMAN, EUGENE	SURVEYER	I-5	INC FEB'66	525.00	41.20	22.05	15.95	21.00	424.80
SANDWICK, HAZEN	ENGINEER	N-8	INC FEB'66	870.00	116.00	36.54	16.30	34.80	666.36
SCHANTZ, GEORGE	ENGR. AID	F-5	INC FEB'66	350.00	31.40	14.70	16.05	14.00	273.85
SCHMID, ROGER	G.W. HYDRO.	K-9	STA JUL'66	455.00	29.20	19.11	16.30		390.39
SCHULZ, DELTON	CONST. ENGR	L-3	INC FEB'66	750.00	85.40	31.50	16.30	30.00	586.80
SCHULZ, JIM	ASST. SECTY	O-5	INC FEB'66	860.00	105.80	36.12	16.30	34.40	667.38
SCOTT, CLIFFORD	DESIGN ENGR.	M-5	STA JAN'66	750.00	95.30	31.50			559.20
SENGER, ANTON	OPERATOR	H-4	STA MAY'66	450.00	55.90	18.90	16.30	30.00	375.90

NORTH DAKOTA STATE WATER COMMISSION
PAYROLL - JULY 1966

NAME	POSITION	GRADE	REMARKS	JUL '66	W/TAX	S.S.	INS	RET.	NET
SIMENSON, KENNETH	REC. ENGR.	L-4	STA FEB'66	675.00	52.00	28.35	16.30	27.00	551.35
STEINBERGER, HENRY	COMM.	15	STA JUL'61	15.00		.63			14.37
TILLOTSON, ANN	RES. ASST.	D-9	INC FEB'66	300.00	36.20	12.60	3.25	12.00	235.95
VAN DYKE, MERLINE	PROJ. ENGR.	M-5	STA JUL'66	750.00	75.50	31.50	16.30		624.70
VOELLER, PIUS	FOREMAN	H-8	INC FEB'66	500.00	3.70	21.00	15.55	20.00	439.75
WALLER, GLEN	TEACHER	K-3	RES JUL'66	450.00	29.20	18.90			401.90
WALTERSON, HOWARD	CONST. SUPT.	I-7	INC FEB'66	550.00	63.00	23.10	16.30	22.00	425.60
SWC GROUP INSURANCE	-28-			129.30			129.30		.00
				<u>23,272.00</u>	<u>2,779.50</u>	<u>915.39</u>	<u>492.15</u>	<u>671.08</u>	<u>18,311.88</u>

NORTH DAKOTA STATE WATER COMMISSION
 MONTHLY REPORT OF APPROPRIATIONS AS OF AUG. 31, 1966
 1965 - 1967 APPROPRIATIONS

"GENERAL OPERATIONS"

ACCOUNT	AVAILABLE FUNDS		DISBURSEMENTS		ACCOUNT BALANCES		
	APPROPRIATION	RECEIPTS	TO DATE	AUG. '66	UNEXPENDED	ENCUMB.	UNENCUMB.
1005 - SALARIES EXP.	431,000.00	147,000.00	275,565.97	25,666.97	302,434.03	.00	302,434.03
2005 - FEES & SERVICES	130,000.00	.00	57,478.71	5,422.55	72,521.29	.00	72,521.29
3005 - SUPPLIES & MAT.	175,000.00	.00	81,037.34	3,052.86	93,962.66	.00	93,962.66
4005 - EQUIPMENT	<u>50,000.00</u>	<u>.00</u>	<u>22,146.56</u>	<u>3,827.60</u>	<u>27,853.44</u>	<u>15,126.57</u>	<u>12,726.87</u>
	786,000.00	147,000.00	436,228.58	37,969.98	496,771.42	15,126.57	481,644.85

TRANSFERRED \$147,000 FROM CONTRACT FUND TO "1005" OCT. 29, 1965

"CONTRACT FUND"

001-770-CONTRACT APPROP.	570,000.00	.00	100,000.00	.00	470,000.00	350,000.00	120,000.00
336-770-CONTRACT "CASH"	<u>422,922.57</u>	<u>192,791.75</u>	<u>542,700.56</u>	<u>29,536.00</u>	<u>72,091.19</u>	<u>105,418.00</u>	<u>33,326.81 cr.</u>
	992,922.57	192,791.75	642,700.56	29,536.00	542,091.19	455,418.00	86,673.19

PREPARED BY DAN REISER

SWC FILE C5-1.2

NORTH DAKOTA STATE WATER COMMISSION
STATUS OF CONSTRUCTION BOND GUARANTEE FUND
AS OF AUG. 31, 1966

ACCOUNT	AVAILABLE FUNDS		DISBURSEMENTS		ACCOUNT BALANCES		
	APPROPRIATION	RECEIPTS	TO DATE	AUG. '66	UNEXPENDED	ENCUMB.	UNENCUMB.
535-770 CONST. BOND GUAR.	90,000.00	25,841.59	25,804.09	4,348.40	90,037.50	.00	90,037.50
0500 INVESTEMENT PRIN.	<u>20,500.00</u>	<u>.00</u>	<u>2,000.00</u>	<u>.00</u>	<u>18,500.00</u>	<u>.00</u>	<u>18,500.00</u>
	110,500.00	25,841.59	27,804.09	4,348.40	108,537.50	.00	108,537.50

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 ACCORDENCE 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	INTEREST REC. TO MATURITY	PRINCIPAL	TOTAL INCOME ANTICIPATED
U.S. SERIES K BONDS	4-67	2.76%	\$ 82.80	\$ 2,000	\$ 2,082.80
U.S. TREASURY BONDS	12-68	2.50%	337.50	3,000	3,262.50
SIOUX IRRIG DIST BONDS	1984 SERRIALLY	2/25%	<u>3,442.50</u>	<u>13,500</u>	<u>19,325.00</u>
			\$3,862.80	\$18,500	\$24,670.00

EXCESS OVER \$90,000 CASH IN FUND 535-770 TO BE CREDITED TO GENERAL FUND. 1-2'58 AG OPINION

NORTH DAKOTA STATE WATER COMMISSION
PAYROLL - AUG 1966

NAME	POSITION	GRADE	REMARKS	AUG.'66	W/TAX	S.S.	INS	BONDS	NET
HOISVEEN, MILO W.	STATE ENGR.	Q-10	INC MAR'65	1,292.00	204.00		16.30	51.68	1,020.02
GRINDBERG, ALAN	ASST. ENGR.	Q-9	STA JUN'66	1,000.00	136.30	42.00	16.30	40.00	765.40
ANDERSON, KAREN	STENO	E-2	STA MAY'66	275.00	38.10	11.55			225.35
BAESLER, GORDON	DRAFTSMAN	J-4	INC FEB'66	560.00	64.20	23.52		22.40	449.88
BALLIET, ALLEN	RODMAN	E-5	STA MAY'66	300.00	36.20	12.60			251.20
BEEKS, CLIFF JR.	G.W. GEOL.	I-5	STA JUN'66	525.00	78.40	22.05			424.55
CHRISTENSON, RAY	ENGR. AID	H-2	INC AUG'66	485.00	62.70	20.37		19.40	382.53
DELZER, DONALD	CHEMIST	I-7	STA MAY'66	550.00	72.90	23.10	16.30		437.70
DIEDE, JANE	STENO	D-5	INC JUL'66	275.00	32.10	11.55	3.25		228.10
DONALDSON, DAVID	G.W. TECH.	F-2	STA MAY'66	325.00	40.20	13.65	3.35		267.80
DUSHINSKE, RUSSELL	COMM.	15	STA JUL'65	30.00		1.26			28.74
EMERSON, MATT	W.R. ENGR	I-7	STA MAY'66	550.00	63.00	23.10	16.80		447.10
FREDRICKSON, FRED	COORDINATOR	M-7	INC FEB'66	790.00	125.00	33.18	.60	31.60	599.62
FROELICH, LARRY	G.W. GEOL.	K-9	INC FEB'66	660.00	81.70	27.72	15.95	26.40	508.23
FROEMMING, DALE	ENGR. AID	G-4	INC FEB'66	400.00	54.90	16.80	3.35	16.00	308.95
GALLAGHER, RICHARD	COMM.	15	STA JUL'61	30.00		1.26			28.74
GROVER, DALE	HYDROLOGIST	M-5	INC FEB'66	750.00	150.00	31.50		30.00	538.50
GRAY, GORDON	COMM.	15	STA JUL'65	30.00		1.26			28.74
GRUNSETH, ARLAND	GEOLOGIST	L-7	INC FEB'66	725.00	75.50	30.45	16.30	29.00	573.75
HANSON, HAROLD	COMM.	15	STA JUL'65	30.00		1.26			28.74
HERR, REUBEN	ENGR. AID	2.00	STA JUL'66	368.00	48.40	15.45			304.15
HILAND, LEONE	CH. STENO	I-2	INC FEB'66	475.00	78.10	19.95	3.35	19.00	354.60
HOGER, DENNIS	RODMAN	D-9	STA MAR'66	300.00	32.90	12.60		17.00	237.50
JACOBSON, HUGH	ASST. DRILL	F-2	INC AUG'66	350.00	5.60	14.70		5.00	324.20
JOCHIM, CLIFF	ATTORNEY	G-6	INC FEB'66	420.00	77.20		16.30	16.80	309.70
KNUTSON, LEWIS	DRILLER	H-8	INC FEB'66	500.00	38.20	21.00		20.00	420.80
KOPP, OWEN	DRAFTSMAN	F-5	INC FEB'66	350.00	40.10	14.70	15.55	14.00	265.65
KRENZ, EUGENE	RES. PLANNER	K-5	STA JUL'66	787.50	82.30	33.08			672.12
LINDVIG, MILTON	G.W. ENGR.	L-4	INC MAY'66	725.00	105.20	30.45	16.30	29.00	544.05
LUYBEN, ROBERT	ENGR. AID	F-6	STA JUL'66	360.00	47.00	15.12			297.88
NELSON, C.P.	DRAIN. ENGR.	M-5	INC FEB'66	750.00	115.30	31.50		30.00	573.20
OLSON, HARLEY	OPERATOR	I.75	STA JUL'66	17.50		.74			16.76
PUTZ, ROY	OFF. ASST.	F-2	INC FEB'66	325.00	30.30	13.65	3.25	13.00	264.80
REISER, DANUEL	ACCOUNTANT	H-8	INC FEB'66	500.00	29.40	21.00	15.55	20.00	414.05
SACKMAN, EUGENE	SURVEYER	I-5	INC FEB'66	525.00	41.20	22.05	15.95	21.00	424.80
SANDWICK, HAZEN	ENGINEER	N-8	INC FEB'66	870.00	116.00	22.76	16.30	34.80	680.14
SCHANTZ, GEORGE	ENGR. AID	F-5	INC FEB'66	350.00	31.40	14.70	16.05	14.00	273.85

NORTH DAKOTA STATE WATER COMMISSION
PAYROLL - AUG '66

NAME	POSITION	GRADE	REMARKS	AUG '66	W/TAX	S.S.	INS	RET	NET
SCHMID, ROGER	G.W. HYDRO.	K-9	STA JUL '66	700.00	68.70	29.40	16.30	33.00	552.60
SCHULZ, DELTON	CONST. ENGR	L-3	INC FEB '66	750.00	85.40	31.50	16.30	30.00	586.80
SCHULZ, JIM	ASST. SECTY	O-5	INC FEB '66	860.00	105.80	28.56	16.30	34.40	674.94
SCOTT, CLIFFORD	DESIGN ENGR.	M-5	STA JUL '66	750.00	95.30	31.50	16.30	30.00	576.90
SENGER, ANTON	OPERATOR	H-4	STA MAY '66	450.00	55.90	18.90			375.20
SIMENSON, KENNETH	REC. ENGR.	L-4	INC AUG '66	700.00	58.80	29.40	16.30	28.00	567.50
STEINBERGER, HENRY	COMM.	15	STA JUL '61	30.00		1.26			28.74
STRAND, GLEN	OPERATOR	1.75	STA JUL '66	50.75	5.20	2.13			43.42
TILLOTSON, ANN	RES ASST.	D-9	INC FEB '66	300.00	36.20	12.60	3.25	12.00	235.95
VAN DYKE, MERLINE	PROJ. ENGR.	M-5	STA JUL '66	750.00	75.50	31.50	16.30		626.70
VOELLER, PIUS	FOREMAN	H-8	INC FEB '66	500.00	3.70	21.00	15.55	20.00	439.75
WALTERSON, HOWARD	CONST. SUPT	I-7	INC FEB '66	550.00	63.00	23.10	16.30	22.00	425.60
SWC GROUP INSURANCE	-28-			140.00			140.00		.00
SWC RET. MATCHING	-29-			714.48				714.48	.00
				24,800.23	2,887.30	912.48	500.00	1,443.96	19,056.49