

NORTH DAKOTA STATE WATER COMMISSION

OBJECT BUDGET COMPARISON
1969-71 APPROPRIATIONSJuly 8, 1970
SWC File No. C5-1.4

ACCT.	OBJECT	JUNE, 1970 EXPEND.	JULY 1, '69 JUNE 30, '70 EXPEND.	1967-69 BUDGET	EXP. % OF BUDGET (STD. 50) **
1000	Salaries	\$29,007.55	\$352,341.71	\$745,000	47.3
1820	Oasis	156.68	1,996.72	4,700	42.5
1830	Social Security	1,314.36	13,891.16	29,200	47.6
1840	Medical Insurance	175.00	2,120.00	4,400	48.2
1850	Workmen's Compensation	-	2,047.99	4,500	45.5
1880	State Retirement	1,090.00	13,381.47	24,101	55.5
	TOTAL SALARIES & WAGES	<u>\$31,743.59</u>	<u>\$385,779.05</u>	<u>\$811,901 (1)</u>	<u>47.5</u>
2110	Meals and Lodging	\$ 3,700.90	\$ 36,934.96	\$ 73,000	50.6
2120	Personal Vehicle Mileage	86.40	2,057.86	7,000	29.2
2130	Comm. Transportation	566.76	4,837.49	11,000	44.0
2150	Miscellaneous Travel	84.84	1,022.24	3,000	34.1
2210	Water - Garbage	4.90	95.62	200	47.8
2220	Natural Gas	6.50	455.06	1,000	45.5
2230	Electricity	29.30	332.51	800	41.6
2310	Rental - Equipment	77.00	1,434.99	5,000	28.7
2410	Postage	129.57	1,436.17	4,000	35.9
2420	Telephone	247.08	2,527.17	5,000	50.5
2510	Repair Equipment	147.46	4,769.52	12,000	39.7
2513	Maintenance Contracts	5.93	1,669.00	2,000	83.4
2560	Repair Building & Grounds	-	58.75	700	8.4
2612	Legal Fees	-	160.00	100	160.0
2613	Audit Fees	-	43.70	100	43.7
2614	Engineering Fees	-	928.70	1,400	66.3
2618	Data Processing Fees	88.00	2,447.00	1,000	244.7
2626	Appraisal Fees	-	-	200	-
2650	Consulting Fees	-	100.00	500	20.0
2682	Photographers Fees	-	552.36	500	110.5
2699	Misc. Professional Fees	332.60	2,633.75	2,000	131.6
2720	Property Insurance	-	232.08	400	58.0
2730	Liability Insurance	-	411.00	900	45.7
2911	Radio - Newspaper Fees	6.08	40.58	300	13.5
2912	Rewards, Premiums	-	95.59	200	47.8
2914	Licenses and Taxes	-	212.50	200	106.3
2915	Dues	700.00	1,626.00	5,000	32.5
2916	Freight	34.61	568.71	1,500	37.9
2999	Miscellaneous	18.00	98.75	1,000	9.9
	TOTAL FEES AND SERVICES	<u>\$ 6,265.93</u>	<u>\$ 67,772.12</u>	<u>\$140,000</u>	<u>48.4</u>
3100	Office Supplies	\$ 427.79	\$ 7,576.34	\$ 15,000	50.5
3110	EDP Supplies	-	115.05	500	23.0
3120	Printing	266.55	5,527.97	15,300	36.1
3130	Books, Subscriptions	261.10	1,640.20	3,400	48.2
3132	Films	5.38	47.05	600	7.8

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ACCT.	OBJECT	JUNE, 1970 EXPEND.	JULY 1, '69 JUNE 30, '70 EXPEND.	1967-69 BUDGET	EXP. % OF BUDGET (STD. 50) **
3600	Hdwe. & Bldg. Supplies	\$ 3,841.84	\$ 24,599.67	\$ 54,000	45.5
3700	Motor Vehicle Supplies	779.97	17,154.56	32,000	53.6
3800	Parts (Include Tires)	533.91	16,184.17	28,000	57.8
3959	Miscellaneous	185.47	328.89	700	46.9
	TOTAL SUPPLIES & MATERIALS	<u>\$ 6,302.01</u>	<u>\$ 73,173.90</u>	<u>\$ 150,500</u>	<u>48.6</u>
4100	Office Equipment	\$ -	\$ 3,443.30	\$ 4,000	86.1
4300	Motor Vehicles	-	18,933.23	28,500	66.4
4400	Machines and Equipment	-	1,318.58	2,500	52.7
	TOTAL EQUIPMENT	<u>\$ -</u>	<u>\$ 23,695.11</u>	<u>\$ 35,000</u>	<u>67.7</u>
7700	Basins Commission	\$ 61.26	\$ 30,514.82	\$ 60,000	50.9
	TOTAL GENERAL OPERATIONS APPROP.	<u>\$44,372.79</u>	<u>\$ 580,935.00</u>	<u>\$1,197,401</u>	<u>48.5</u>
5500	Contract Payments	<u>53,997.85</u>	<u>783,806.56</u>	<u>\$1,700,000 (2)</u>	<u>46.1</u>
	TOTAL STATE WATER COMM. BUDGET	<u>\$98,370.64</u>	<u>\$1,364,741.56</u>	<u>\$2,897,401 (3)</u>	<u>47.1</u>

(1) Appropriation \$729,901.00
Federal Grant 82,000.00
\$811,901.00

(2) Appropriation \$ 570,000.00
Carryover 430,000.00
\$1,000,000.00
Collection Est. 700,000.00
\$1,700,000.00

(3) Appropriated Funds:
General Operations \$1,197,401.00
Contract Fund 1,000,000.00

Estimate Contract Fund Collections \$2,197,401.00
700,000.00
\$2,897,401.00

**12/24 months - 50.0 percent biennium elapsed

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Distribution:
MWH
AKG
ME
KK
Commissioners

MINUTES

NORTH DAKOTA STATE WATER COMMISSION
Held at Congress Inn
Dickinson, North Dakota

July 24, 1970

The meeting was called to order at 9:00 a.m. M.D.T., in a meeting room of the Congress Inn, Dickinson, North Dakota, with Vice Chairman Richard Gallagher presiding.

PRESENT:

Richard P. Gallagher, Vice Chairman, Mandan
Arne Dahl, Commissioner, Department of Agriculture, Bismarck
Harold Hanson, Member from New England
James Jungroth, Member from Jamestown
Gordon Gray, Member from Valley City
Milo W. Hoisveen, State Engineer, Chief Engineer and Secretary,
State Water Commission, Bismarck

OTHERS PRESENT:

Russell Dushinske, Executive Vice President, North Dakota Water Users
Association, Minot
Matt Emerson, Assistant Secretary, State Water Commission, Bismarck
John Amundson, Secretary-Treasurer, Bowman County Water Management
District, Bowman
Tom Nelson, KDIX Radio, Dickinson

MINUTES OF JUNE 23, 1970
MEETING APPROVED

circulated. All members voted aye.

Commissioner Hanson moved and Commissioner Jungroth seconded that the minutes of the June 23, 1970 meeting be approved as

FINANCIAL STATEMENTS FOR
MAY AND JUNE, 1970, AND
1971-1973 BIENNIUM BUDGET
REQUEST

Fiscal Years 1971 and 1972 are to be circulated by mail to the Commission members for their review and comments.

Due to the presence of other individuals and the Press, the financial statements for the months of May and June, 1970, and the State Water Commission's budget request to the Office of Executive Budget for

PRESENTATION BY JOHN AMUNDSON
OF THE BOWMAN COUNTY WATER
MANAGEMENT DISTRICT REGARDING
BOWMAN-HALEY DAM
(#216)

of Engineers as a share of the Bowman-Haley Dam construction costs. Mr. Amundson cited the inability of the city of Bowman to meet its' obligations and he gave a progress report of the Water Management District's actions to date. The total funds accumulated at various banks is approximately \$267,000 and they hope to have \$504,000

Mr. John Amundson appeared before the State Water Commission and made a request in behalf of the Bowman County Water Management District for a \$50,000 payment to help the District on their repayment schedule committed to the U. S. Army Corps

by 1976 when the first of the 40 years of installment payments begin. The Water Management District has already been expending funds for maintenance of the recreation area, which is an asset to the State. A traffic count revealed a total of 2,500 vehicles visited the area during a weekend in May.

Mr. Amundson stated that with the funds now accumulated, the Water Management District has planned to negotiate prepayments on the project and later make annual payments on the distribution system needed to make use of the water for municipal and industrial supply. Commissioner Jungroth questioned the use of funds requested in regard to prepayment. He did not feel the \$50,000 should be used to buy savings certificates. Vice Chairman Gallagher explained the State Water Commission's commitment regarding the project sponsorship.

Commissioner Gray, in behalf of the Vice Chairman, Richard Gallagher, moved that the State Water Commission remit \$50,000 to the Bowman County Water Management District as a part of the Commission's share for prepayment of the construction costs of Bowman-Haley Dam. Commissioner Hanson seconded and all members voted aye.

REPLIES FROM CONGRESSIONAL
DELEGATION RELATIVE TO PROBLEM
EXISTING ON THE CANADIAN BORDER
AND SENATE PUBLIC WORKS COMMITTEE
HEARING AT WALHALLA
(#567)

Secretary Hoisveen referred to the State Water Commission's resolution sent to the members of Congress from North Dakota urging them to contact the U. S. State Department in regard to the United States-Canadian border drainage problem in the Pembina River basin. Replies have been received

from each member stating that they did contact the State Department and in turn the Office of Canadian Affairs had contacted the Canadian Government to request some action on the problem. The request was answered by a promise to investigate the situation and that further word would be forthcoming.

Along with the subject of the Pembina River basin, Secretary Hoisveen announced that Senator Burdick was able to schedule a Pembina River basin hearing by the U. S. Senate Subcommittee of the Public Works Committee at Walhalla, North Dakota on September 10, 1970. Senator Stephen M. Young, Chairman, will preside at the hearing and at least five of the Subcommittee members are expected to attend. The Pembina River Flood Control Association has set up a pre-hearing meeting on August 4, 1970, at Cavalier and they have requested assistance from the State Water Commission to help prepare statements, etc., for the hearing.

Commissioner Gray made a motion directing Secretary Hoisveen and his staff to cooperate in all ways possible with the Pembina River Flood Control Association in preparation for the hearing. Commissioner Dahl seconded and all members voted aye.

Secretary Hoisveen noted that Mr. Russell Dushinske would be working on a promotion for the hearing.

STATUS OF PROJECTS -

Secretary Hoisveen gave a progress report on construction projects as follows:

MT. CARMEL DAM
(#1346)

A municipal and recreation dam being built near Langdon storing approximately 4,300 acre-feet. The city of Langdon will be

in need of additional water supply due to construction in the area. Some problems due to soil base conditions have been encountered. Construction to be completed in about eight weeks.

WHITE EARTH DAM
(#327)

A recreation dam near White Earth is 40 percent complete. Changes have been made in outlet structure. Construction to be

completed in about six weeks.

ERIE DAM
(#1471)

A recreation dam near Erie showing the best progress of the season. Maximum height of 41 feet will provide excellent

fish habitat. Estimated completion date is three weeks.

SHEEP CREEK DAM
(#1358)

A recreation dam undergoing major repairs. Some problems with contractor schedule due to contractor's lack of equipment on the

project. This has been improved by reminding the contractor of his obligations as set forth in the actual contract and contract bond. Estimated completion date is from four to five weeks.

BURLINGTON DAM NO. 1
(#221)

Secretary Hoisveen reported on the damages at Burlington Dam as a result of 1969 and 1970 floods. There were no major structural

problems, but there were damages to the embankment caused by leaks which had developed as a result of burrowing animals. Repair work will be done by a force account crew with financial assistance from the Office of Emergency Preparedness and possibly the Bank of North Dakota.

Secretary Hoisveen also read a letter from the Bank of North Dakota requesting technical assistance to stabilize river banks which had eroded along the Burlington project areas as a result of floods.

Commissioner Jungroth moved that the State Water Commission assist the Bank of North Dakota in the investigation and design of the project needs to reduce bank erosion. Commissioner Hanson seconded and all members voted aye.

TOUR OF VERSIPPI DAM SITE
(#647)

The Commission members were conducted on a tour of the proposed Versippi Dam site and reservoir area near Dickinson by the

local Citizens Committee, Bob Stranik, Chairman. The tour was comprised of at least 40 persons including the Stark County Commissioners, the Stark County Water Management District and the Dickinson City Officials in addition to those already mentioned. The tour was followed with an excellent luncheon and meeting at the

Congress Inn. The program, headed by Mr. Stranik, who made a presentation regarding the needs, etc., for a new water supply dam, also included remarks by Richard Gallagher, Vice Chairman of the State Water Commission; Milo W. Hoisveen, Chief Engineer and Secretary for the State Water Commission; and Raymond Schnell, Chairman of the Stark County Water Management District.

TOLLEY FLATS FLOOD CONDITIONS
(#626)

Secretary Hoisveen referred to the meeting called by Governor William L. Guy on July 9, 1970, to work on a solution of the

drainage problems in the Tolley Flats area. The U. S. Army Corps of Engineers' plan was impossible due to the \$10,000,000 estimated cost. A plan to put in a principal canal only, provided by the U. S. Soil Conservation Service, was likewise very costly at an estimated \$3,250,000. The Commission was then requested to study the problem and present a cost estimate for a workable plan and public meetings will be held in this regard to assist in developing a plan for drainage.

REQUEST TO APPROVE WATER
MANAGEMENT DISTRICT FOR
RANSOM COUNTY
(#1529)

Secretary Hoisveen read a memo from Cliff Jochim, Special Assistant Attorney General, who had held a hearing on the Ransom County Board of Commissioners' petition to establish a water management district.

Commissioner Hanson moved, as a result of the favorable report on the hearing, that the State Water Commission hereby establish the Ransom County Water Management District. Commissioner Jungroth seconded and all members voted aye.

REQUEST FOR APPROVAL AND
FINANCIAL ASSISTANCE TO AID
WATER QUALITY AT NECHE
(#274)

Secretary Hoisveen read a resolution and request from the city of Neche regarding a quality water problem due to excessive flooding from the Pembina River and a plan to initiate a channel straightening program

with financial assistance from the State Water Commission. The city feels that they have a partial plan which they believe can perform for considerably less costs than the one suggested by the State Water Commission and they desire to try this plan on a temporary basis. The total estimated cost is \$20,000.

Commissioner Jungroth moved that the State Water Commission participate in the project in an amount not to exceed 50 percent or \$10,000. Commissioner Gray seconded and all members voted aye.

DRAINAGE PROBLEM AT KNOX
(#1531)

Commissioner Gray reported on a letter received from Olger Sandven, Secretary of the Benson County Water Management

District, explaining a meeting held at Knox regarding the health hazard and other problems resulting from high water table conditions in that city. Participants at the meeting included State agencies as well as local entities, churches and individuals. A recommendation by the State Health Department to drain waters to a nearby refuge owned by the State Game and Fish Department has been approved by the State Game and Fish Department. The Benson County Water Management District

and the Benson County Highway Department will assist. Donations were promised by the churches and individuals. The estimated project cost is \$11,000.

Commissioner Gray moved, after a discussion regarding possible special assessments, to have the State Water Commission participate in the project by an amount not to exceed \$6,000. Commissioner Jungroth seconded and all members voted aye.

STATE HIGHWAY DEPARTMENT
LETTER IN RESPECT TO LOWERING
OF DEVILS LAKE
(#416)

Secretary Hoisveen read a letter to Governor Guy from the State Highway Department, written by them as a result of a resolution they had received from the Devils Lake Region Sportsmens' Club requesting no

further lowering of Devils Lake by the placing of culvert sections through Highways 20 and 57. The letter stated that the State Highway Department would not place additional culverts for drainage unless the railroad would do the same and that this would be done only by order of the State Water Commission.

Action was deferred regarding the subject letter in that the Commission was advised that under present laws, they do not have the authority to order any further action.

CITY OF BELFIELD REQUEST FOR
SNAGGING AND CLEARING PROJECT
THROUGH CORPS OF ENGINEERS
(#628)

Secretary Hoisveen read a letter from the U. S. Army Corps of Engineers which stated that they had initiated a reconnaissance investigation of a flood problem on the Heart River at Belfield. They indicated

that a snagging and clearing project may be appropriate. It was noted that a city of this size would need assistance in providing the proper project assurances that would be required. The State Water Commission would in turn obtain assurances from the city of Belfield.

Commissioner Hanson moved that the State Water Commission act as sponsor for such project if the investigation results in a snagging and clearing project. Commissioner Gray seconded and all members voted aye.

REQUEST FROM TRAILL COUNTY
FOR A DAM SURVEY NEAR MAYVILLE
(#1530)

A request from the Traill County Water Management District was read by Secretary Hoisveen for an investigation and survey of a recreational reservoir site five miles

east of Mayville and one mile south of State Highway No. 200. The request was accompanied by the required \$200 deposit.

Commissioner Gray moved that the State Water Commission enter into an agreement with the Traill County Water Management District for this investigation and survey. Commissioner Hanson seconded and all members voted aye.

WATER PERMIT NOS. 1703,
1709, 1710, 1711, 1712
and 1713

approved.

Secretary Hoisveen presented six water permits to the Commission for consideration. It was the recommendation of the State Engineer that these water permits be

Commissioner Hanson moved to approve the six Conditional water permits as recommended by the State Engineer, subject to such conditions as indicated on the permit. Commissioner Gray seconded and all members voted aye. (See Appendix "A")

WEST BAY AREA LANDOWNERS
INJUNCTION ON PUMPING WATERS
INTO MAUVAIS COULEE DRAINAGE
SYSTEM BY SWEETWATER-DRY AND
CHAIN LAKES WATER MANAGEMENT
DISTRICTS
(#416)

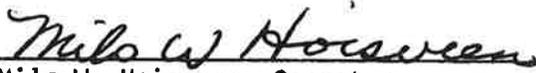
Secretary Hoisveen read a resolution and a request from Neil Thompson, Ramsey County States Attorney, whereby the Districts are seeking to be relieved from the injunction and are seeking assistance by the State Water Commission for action to authorize further pumping of waters up to 100 cubic feet per second from the Mike's Lake area

into the Mauvais Coulee drainage system. The request was supplemented by a capacity appraisal made on the Mauvais Coulee by the North Central Engineers on July 8, 1970, at which time they indicated that no flooding was occurring and that the Mauvais Coulee had ample capacity to provide for the proposed 100 cfs pumping. A check of U. S. Geological Survey records indicated that the flow on July 8, 1970 to be 180 cfs. In accordance with the determination made by the North Central Engineers, the channel could adequately provide capacity for 280 cfs.

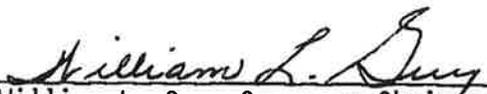
The members of the State Water Commission agreed that the pumpage of 100 cfs should be allowed; however, should added flow in Mauvais Coulee occur through rainfall, the pumpage would be reduced to such a degree that the artificial induced flow would not increase the total flow above 280 cfs. A case in point, when the flow measured at Churchs Ferry gaging station is 300 cfs, the pumping from above by the Districts involved should be reduced by 20 cfs or whatever volume of water flowing in Mauvais Coulee exceeding 280 cfs and should be within the limits of the pumping, which is 100 cfs.

Commissioner Jungroth moved that the Districts involved be allowed to pump up to 100 cubic feet per second of water from the Mike's Lake area to Mauvais Coulee drainage system in accordance with conditions specified. Commissioner Hanson seconded and all members voted aye.

There being no further business, the meeting adjourned at 2:00 p.m., MDT, to review other water projects in the area.


Milo W. Hoisveen, Secretary

ATTEST:


William L. Guy, Governor-Chairman

WATER PERMITS FOR JULY 24, 1970 AGENDA

NO.	NAME AND ADDRESS	SOURCE	PURPOSE	AMOUNT REQUESTED	COMMENTS & RECOMMENDATIONS
1713	Swenson, Kent R. Belfield	Unnamed tributary, trib. to Bull Creek and the South Branch of the Heart River	Livestock & Recreation	63.7 acre-feet storage plus 35.4 acre-feet annual use	63.7 acre-feet storage plus 35.4 acre-feet annual use
1709	Stuber, O. L. Bowman	Unnamed intermittent draw, trib. to Deep Creek (Little Missouri River)	Irrigation Waterspreading	150 acre-feet 75.4 acres	75.4 acre-feet 75.4 acres
1712	Parrish, Lloyd Watford City	Unnamed Creek, trib. to North Fork Little Missouri River	Irrigation Waterspreading	60 acre-feet 35.4 acres	35.4 acre-feet 35.4 acres
1711	Hillius, David Leith	Unnamed Intermittent Creek, trib. to Cannonball River	Irrigation Waterspreading	25 acre-feet 26.0 acres	25.0 acre-feet 26.0 acres
1710	Oderman, Harold Belfield	Frank's Creek, trib. to Little Missouri River	Irrigation Waterspreading	218 acre-feet 109.2 acres	163.8 acre-feet 109.2 acres
1703	Hauck, Nick J. Richardton	Unnamed Intermittent draw, trib. to the Knife River	Irrigation Waterspreading	154.0 acre-feet 77.0 acres	77.0 acre-feet 77.0 acres

(APPENDIX "A")

RESOLUTION 70-9-287

SWC Project No. 576-7-B

Missouri River Bank Stabilization

WHEREAS, the United States Corps of Engineers has submitted to the North Dakota State Water Commission plans and specifications for bank stabilization on the left bank of the Missouri River downstream from the Memorial Bridge in the vicinity of Sections 5, 6, 7, 18 and 19, Township 138 North, Range 80 West, Burleigh County, North Dakota, and made formal requests for rights-of-way as contained in drawings numbered MGOC6-2E1.1 and MGOC6-2E2.1, March, 1969; and

WHEREAS, the North Dakota State Water Commission has approved and adopted said plans and specifications and has acquired from the City of Bismarck, North Dakota, the easements for the construction of the river-bank protection project as described above and set forth in drawings numbered MGOC6-2E1.1 and MGOC6-2E2.1, March, 1969.

NOW, THEREFORE, BE IT RESOLVED by the North Dakota State Water Commission that it does hereby grant, give and convey to the United States Government, its contractors and agents, the right and permission to enter in and upon said lands on the left bank of the Missouri River and downstream from the Memorial Bridge for the purpose of construction of the river-bank protection project, as indicated on the rights-of-way maps designated as drawings numbered MGOC6-2E1.1 and MGOC6-2E2.1, March, 1969, prepared by the U. S. Corps of Engineers and approved by said North Dakota State Water Commission.

Dated this 9th day of September, 1970.

NORTH DAKOTA STATE WATER COMMISSION
By:

/S/ Milo W. Hoisveen
Secretary and Chief Engineer

ATTEST:

/S/ Cliff Jochim
Special Assistant Attorney General

NORTH DAKOTA STATE WATER COMMISSION
 FINANCIAL STATEMENT - JULY 31, 1970
 1969-71 APPROPRIATIONS

	Available Funds		Disbursements		Account Balances		
	APPROPRIATION	RECEIPTS	TO DATE	JULY '70	UNEXPENDED	ENCUMB.	UNENCUMB.
GENERAL OPERATIONS: ACCOUNT							
1009-Salaries Expense	\$ 729,901.00	\$ -	\$ 419,948.33	\$ 34,169.28	\$ 391,952.67	\$ -	\$ 391,952.67
2009-Fees & Services	140,000.00	-	74,705.25	6,933.13	65,294.75	-	65,294.75
3009-Supplies & Materials	150,500.00	-	77,131.56	3,957.66	73,368.44	-	73,368.44
4009-Equipment	35,000.00	-	27,940.71	4,245.60	7,059.29	549.00	6,510.29
7709-Red Basin Comm.	60,000.00	-	30,514.82	-	29,485.18	-	29,485.18
GENERAL OPERATIONS	\$1,115,401.00						
Federal Grants	82,000.00						
TOTAL GENERAL OPERATIONS	\$1,197,401.00	\$ -	\$ 630,240.67	\$ 49,305.67	\$ 567,160.33	\$ 549.00	\$ 566,611.33
CONTRACT FUND:							
336-770-Contract "Cash" \$1,000,000.							
Contract Collections 700,000.	\$1,700,000.00						
Collections to Date		\$280,318.17					
Transfer from 001 to 336		675,000.00					
			\$ 955,292.94	\$ 171,486.38	\$ 744,707.06	\$ 730,364.00	\$ 14,343.06
TOTAL CONTRACT FUND	\$1,700,000.00	\$955,318.17	\$ 955,292.94	\$ 171,486.38	\$ 744,707.06	\$ 730,364.00	\$ 14,343.06
GRAND TOTALS	\$2,897,401.00	\$955,318.17	\$1,585,533.61	\$220,792.05	\$1,311,867.39	\$730,913.00	\$ 580,954.39

NORTH DAKOTA STATE WATER COMMISSION
 STATUS OF CONSTRUCTION BOND GUARANTEE FUND
 AS OF JULY 31, 1970

ACCOUNT	Available Funds		Disbursements		Account Balances		
	APPROPRIATION	RECEIPTS*	TO DATE	JULY '70	UNEXPENDED	ENCUMB.	UNENCUMB.
535-770-CONST. BOND GUAR.	\$90,000.00	\$37,653.04	\$29,153.04	\$ -	\$90,000.00	\$ -	\$90,000.00
0500-INVESTMENT PRIN.	20,000.00	-	10,500.00	-	9,500.00	-	9,500.00

NOTE - FUND #535-770 RECEIPTS ARE OBTAINED FROM RETIREMENT OF AN INTEREST ON SECURITIES THAT WERE IN THE COMMISSION'S SINKING FUND IN EXCESS OF THE AMOUNT REQUIRED TO RETIRE THE SERIES "J" BOND ISSUE ON DECEMBER 10, 1957. ORIGINAL DISBURSEMENTS FROM FUND #535-770 WERE MADE DURING THE EARLY 1940'S IN ACCORDANCE WITH SECTION 61-02-56 OF THE CENTURY CODE WHICH PROVIDES THAT THE COMMISSION MAY GUARANTEE OR INSURE OR AGREE TO PAY THE INTEREST ON AND PRINCIPAL OF COMMISSION REVENUE BONDS NOT EXCEEDING 20% OF THE PAR VALUE OF ANY SUCH BONDS.

SCHEDULE OF BONDS & INTEREST RECEIVABLE - FUND #535-770

TYPE	DUE DATE	INTEREST RATE	INTEREST TO MATURITY	PRINCIPAL	TOTAL INCOME ANTICIPATED
SIoux IRRIGATION DIST. BONDS	1984 Serially	2.25%	\$2,373.75	\$9,500.00	\$11,873.75

(EXCESS OVER \$90,000.00 CASH IN FUND #535-770 TO BE CREDITED TO GENERAL FUND. 1/12/58 ATTORNEY GENERAL'S OPINION)

RECEIPTS:	* RETIREMENT OF BONDS	\$24,000.00	* ACCUMULATION OF RECEIPTS TO
	INTEREST ON BONDS	9,521.05	BOND GUARANTEE FUND
	SINKING FUND CASH	4,131.99	SINCE FUND CREATED IN 1939
		\$37,653.04	

NORTH DAKOTA STATE WATER COMMISSION

PAYROLL - JULY, 1970

NAME	POSITION	REMARKS	GROSS	W/TAX	S. S.	INS.	RET.	NET
HOISVEEN, MILO W.	STATE ENGINEER	INC. JULY '70	1,800.00	315.50	-	21.95	72.00	1,390.55
BAESLER, GORDON	W.R. TECH.	INC. JULY '70	770.00	90.60	36.96	21.95	30.80	589.69
BALLIET, ALLEN	RODMAN	INC. JULY '70	510.00	37.30	24.48	21.95	20.40	405.87
CHRISTENSEN, RAY	ENG. TECH.	INC. JULY '70	730.00	74.60	35.04	21.95	29.20	569.21
DALLY, ANTOINETTE	STENO.	INC. JULY '70	375.00	40.90	18.00	-	15.00	301.10
DUSHINSKE, RUSSELL	COMMISSIONER	STA. JULY '65	15.00	-	.72	-	-	14.28
EMERSON, MATT	ASST. SECY.	INC. JULY '70	1,080.00	160.90	51.84	21.95	43.20	802.11
FROELICH, LARRY	GEOLOGIST	INC. JULY '70	915.00	145.00	43.92	21.95	36.60	667.53
FROEMMING, DALE	OPERATOR	INC. JULY '70	580.00	90.30	27.84	6.05	23.20	432.61
GALLAGHER, RICHARD	COMMISSIONER	STA. JULY '61	15.00	-	.72	-	-	14.28
GEHRING, OSCAR	LAB. TECH.	INC. JULY '70	595.00	101.70	28.56	6.05	23.80	434.89
GLQVER, DALE	HYDROLOGIST	INC. JULY '70	1,075.00	225.00	51.60	-	43.00	755.40
GRINDBERG, ALAN	ASST. ST. ENG.	INC. JULY '70	1,415.00	192.40	10.08	21.95	56.60	1,133.97
GRUNSETH, ARLAND	INV. ENG.	INC. JULY '70	1,040.00	131.30	49.92	21.95	41.60	795.23
HANSON, HAROLD	COMMISSIONER	STA. JULY '65	30.00	-	1.44	-	-	28.56
HANSON, WILLIAM	DRAFTSMAN	STA. APR. '70	475.00	47.50	22.80	21.95	2.30 *	380.45
HEUPEL, MILTON	CONST. ENG.	INC. JUNE '70	1,060.00	110.50	50.88	21.95	42.40	834.27
HUCHLER, EVA	STENO.	STA. JUNE '69	300.00	44.10	14.40	-	-	241.50
JACOBSON, HUGH	ASST. DRILLER	INC. JULY '70	540.00	43.30	25.92	21.95	21.60	427.23
JOCHIM, CLIFF	ATTORNEY	INC. JULY '70	675.00	95.00	24.00	21.95	27.00	507.05
JUNGROTH, JAMES	COMMISSIONER	STA. SEPT '67	15.00	-	.72	-	-	14.28
KEATOR, LESTER	SOILS TECH.	STA. APR. '70	355.50	46.70	17.06	-	-	291.74
KNOLL, JAMES	OPERATOR	INC. JULY '70	515.00	84.90	24.70	6.05	20.60	378.75
KNUTSON, LEWIS	DRILLER	INC. JULY '70	705.00	58.50	33.84	21.95	28.20	562.51
KOCH, KAY	ACCOUNTANT	INC. JULY '70	130.70	8.10	6.80	21.95	5.23	88.62
KOTTSICK, ROSALIE	STENO.	STA. MAR. '70	300.00	44.10	14.40	6.05	12.00	223.45
KRAMER, ALVIN	COMMISSIONER	STA. JULY '70	30.00	-	1.44	-	-	28.56
LINDVIG, MILTON	G.W. ENG.	INC. JULY '70	1,125.00	158.10	54.00	21.95	45.00	845.95
LOCKEN, SHARON	CHIEF STENO.	INC. JULY '70	575.00	82.50	27.60	21.95	23.00	419.95
MURI, GARVIN	CHEMIST	INC. JULY '70	810.00	106.60	38.88	21.95	32.40	610.17
NAPLIN, CHARLES	GEOLOGIST	INC. JULY '70	865.00	134.60	41.52	21.95	34.60	632.33
NELSON, C. P.	DRAIN. ENG.	INC. JULY '70	1,080.00	200.00	51.84	-	43.20	784.96
O'BRIEN, GEORGE	DRAFTSMAN	INC. JULY '70	550.00	79.10	26.40	21.95	22.00	400.55
OHNSTAD, DON	PLAN. ENG.	INC. JULY '70	1,010.00	123.30	48.48	21.95	40.40	775.87

NAME	POSITION	REMARKS	GROSS	W/TAX	S.S.	INS.	RET.	NET
PUTZ, ROY	OFF. ASST.	INC. JULY '70	410.00	63.90	19.68	6.05	16.40	303.97
SACKMAN, EUGENE	SURVEYOR	INC. JULY '70	715.00	67.80	34.32	21.95	28.60	562.33
SCHANTZ, GEORGE	ENG. AID	INC. JULY '70	575.00	64.10	27.60	13.40	23.00	446.90
SCHMID, ROGER	G.W. HYDROL.	INC. JULY '70	1,010.00	112.90	48.48	21.95	40.40	786.27
SCHULZ, DELTON	OFF. ENG.	INC. JULY '70	1,225.00	174.10	54.72	21.95	49.00	925.23
SCOTT, LLOYD	CHIEF DRAFTSMAN	INC. JULY '70	710.00	95.40	34.08	21.95	28.40	530.17
SENGER, ANTON	OPERATOR	RES. JULY '70	570.00	73.30	27.36	-	22.80	446.54
SIEMS, MYRNA	STENO.	INC. JUNE '70	260.00	37.30	12.48	-	-	210.22
SIMENSON, KEN	DESIGN ENG.	INC. JULY '70	1,060.00	120.40	50.88	21.95	42.40	824.37
SPEAKS, GLENN	OPERATOR	INC. JULY '70	580.00	41.10	27.84	21.95	23.20	465.91
SWANSON, RONALD	PROJ. ENG.	STA. JULY '70	500.00	84.90	24.00	6.05	-	385.05
TILLOTSON, ANN	RES. ASST.	INC. JULY '70	450.00	60.90	21.60	6.05	18.00	343.45
ULRICH, ROGER	RODMAN	INC. JULY '70	465.00	65.10	22.32	6.05	18.60	352.93
WALTERSON, HOWARD	CONST. SUPT.	INC. JULY '70	735.00	74.60	35.28	21.95	29.40	573.77
SWC GROUP INS.-35			180.00			180.00		
SWC RET.-MATCHING			<u>1,173.23</u>				<u>1,173.23</u>	
			<u>32,679.43</u>	<u>4,208.20</u>	<u>1,347.44</u>	<u>834.45</u>	<u>2,348.76</u>	<u>23,940.58</u>

* State Income Tax Withheld

NORTH DAKOTA STATE WATER COMMISSION

OBJECT BUDGET COMPARISON
1969-71 APPROPRIATIONSAugust 7, 1970
SWC File No. C5-1.4

ACCT.	OBJECT	JULY, 1970	JULY 1, '69	1967-69	EXP. % OF BUDGET (STD. 54.2) **
		EXPEND.	JULY 31, '70 EXPEND.		
1000	Salaries	\$31,326.20	\$383,667.91	\$745,000	51.5
1820	Oasis	142.41	2,139.13	4,700	45.5
1830	Social Security	1,347.44	15,238.60	29,200	52.2
1840	Medical Insurance	180.00	2,300.00	4,400	52.3
1850	Workmen's Compensation	-	2,047.99	4,500	45.5
1880	State Retirement	1,173.23	14,554.70	24,101	60.4
	TOTAL SALARIES & WAGES	<u>\$34,169.28</u>	<u>419,948.33</u>	<u>\$811,901 (1)</u>	<u>51.7</u>
2110	Meals and Lodging	\$ 4,780.48	\$ 41,715.44	\$ 73,000	57.1
2120	Personal Vehicle Mileage	279.18	2,337.04	7,000	33.4
2130	Comm. Transportation	760.45	5,597.94	11,000	50.9
2150	Miscellaneous Travel	109.64	1,131.88	3,000	37.7
2210	Water - Garbage	13.35	108.97	200	54.5
2220	Natural Gas	3.00	458.06	1,000	45.8
2230	Electricity	27.50	360.01	800	45.0
2310	Rental - Equipment	15.00	1,449.99	5,000	29.0
2410	Postage	70.87	1,507.10	4,000	37.7
2420	Telephone	250.90	2,778.07	5,000	55.6
2510	Repair Equipment	250.45	5,019.97	12,000	41.8
2513	Maintenance Contracts	-	1,669.00	2,000	83.4
2560	Repair Building & Grounds	-	58.75	700	8.4
2612	Legal Fees	5.00	165.00	100	165.0
2613	Audit Fees	-	43.70	100	43.7
2614	Engineering Fees	-	928.70	1,400	66.3
2618	Data Processing Fees	44.00	2,491.00	1,000	244.7
2626	Appraisal Fees	-	-	200	-
2650	Consulting Fees	-	100.00	500	20.0
2682	Photographers Fees	8.16	560.52	500	112.1
2699	Misc. Professional Fees	150.00	2,783.75	2,000	139.2
2720	Property Insurance	27.20	259.28	400	64.8
2730	Liability Insurance	-	411.00	900	45.7
2911	Radio - Newspaper Fees	-	40.58	300	13.5
2912	Rewards, Premiums	-	95.59	200	47.8
2914	Licenses and Taxes	-	212.50	200	106.3
2915	Dues	-	1,626.00	5,000	32.5
2916	Freight	28.95	597.66	1,500	39.8
2999	Miscellaneous	109.00	207.75	1,000	20.8
	TOTAL FEES AND SERVICES	<u>\$ 6,933.13</u>	<u>\$ 74,705.25</u>	<u>\$140,000</u>	<u>53.4</u>
3100	Office Supplies	\$ 857.26	\$ 8,433.60	\$ 15,000	56.2
3110	EDP Supplies	-	115.05	500	23.0
3120	Printing	-	5,527.97	15,300	36.1
3130	Books, Subscriptions	179.75	1,819.95	3,400	53.5
3132	Films	19.50	66.55	600	11.1

-2-

ACCT.	OBJECT	JULY, 1970 EXPEND.	JULY 1, '69 JULY 7, '70 EXPEND.	1967-69 BUDGET	EXP. % OF BUDGET (STD. 54.2) **
3600	Hdwe. & Bldg. Supplies	\$ 871.42	\$ 25,471.09	\$ 54,000	47.2
3700	Motor Vehicle Supplies	1,600.91	18,755.47	32,000	58.6
3800	Parts (Include Tires)	405.84	16,590.01	28,000	59.3
3959	Miscellaneous	22.98	351.87	700	50.3
	TOTAL SUPPLIES & MATERIALS	\$ 3,957.66	\$ 77,131.56	\$ 150,500	51.3
4100	Office Equipment	\$ 275.60	\$ 3,718.90	\$ 4,000	93.0
4300	Motor Vehicles	3,880.00	22,813.23	28,500	80.0
4400	Machines and Equipment	90.00	1,408.58	2,500	56.3
	TOTAL EQUIPMENT	\$ 4,245.60	\$ 27,940.71	\$ 35,000	79.8
7700	Basins Commission	\$ -	\$ 30,514.82	\$ 60,000	50.9
	TOTAL GENERAL OPERATIONS APPROP.	\$ 49,305.67	\$ 630,240.67	\$1,197,401	52.6
5500	Contract Payments	\$171,486.38	\$ 955,292.94	\$1,700,000 (2)	56.2
	TOTAL STATE WATER COMM. BUDGET	\$220,792.05	\$1,585,533.61	\$2,897,401 (3)	54.7

(1) Appropriation \$729,901.00
 Federal Grant 82,000.00
 \$811,901.00

(2) Appropriation \$ 570,000.00
 Carryover 430,000.00
 \$1,000,000.00
 Collection Est. 700,000.00
 \$1,700,000.00

(3) Appropriated Funds:
 General Operations \$1,197,401.00
 Contract Funds 1,000,000.00

\$2,197,401.00
 Estimate Contract Fund Collection 700,000.00
 \$2,897,401.00

**13/24 months - 54.2 percent biennium elapsed

DIST:

MWH
 ALG
 ME
 KK
 Commissioners

FUNCTION NUMBER AND DESCRIPTION	CURRENT COST	COST TO DATE	PERCENT	BALANCE
00 ADMINISTRATIVE AND LEGAL	1,365.22	18,178.57	11.0 %	165,000.00
00 COMPREHENSIVE PLANNING	4,581.53	124,792.34	44.5 %	280,000.00
01 ENGINEER, INVESTIGATION, RESEARCH, SURVEY & DESIGN	4,368.90	50,656.27	25.3 %	200,000.00
02 METES & BOUNDS SURVEYS	.	6,410.56	64.1 %	10,000.00
03 TEST BORINGS AT PROJECT SITES	231.00	3,416.68	17.0 %	20,000.00
04 SOIL ANALYSIS	867.35	17,051.02	56.8 %	30,000.00
05 HYDROLOGIC STUDIES	.	167.82	.2 %	67,000.00
06 DESIGN	3,979.80	37,690.77	50.2 %	75,000.00
07 RESEARCH	.	.00	.0 %	15,000.00
10 REPORT PUBLICATION	.	.00	.0 %	15,000.00
311 GROUND WATER SURVEY-PRE PLANNING	644.58	13,164.59	57.2 %	23,000.00
312 GROUND WATER SURVEY-WATER RECORD	29.70	998.46	49.9 %	2,000.00
313 GROUND WATER SURVEY-GEOLOGICAL STUDIES	.	.00	.0 %	401.00
314 GROUND WATER SURVEY-SUBSURFACE EXPLORATION	20,259.59	145,877.35	72.9 %	200,000.00
315 GROUND WATER SURVEY-QUALITY OF WATER WORK	2,475.00	21,006.47	70.0 %	30,000.00
316 GROUND WATER SURVEY-AQUIFER TEST & SPECIAL INV	4,855.32	57,836.60	88.9 %	65,000.00
317 GROUND WATER SURVEY-DATA COMPILATION & ANALYSIS	116.60	3,982.13	26.5 %	15,000.00
318 GROUND WATER SURVEY-RPT PREP & REVIEW	.	6,965.36	69.6 %	10,000.00
319 GROUND WATER SURVEY-SPECIAL INVESTIGATIONS	534.13	44,794.25	35.9 %	80,000.00
320 GROUND WATER SURVEY-REPAY	.	215,953.59	179.9 %	120,000.00
401 CONSTRUCTION-DAMS & RELATED APPURTENANCES	123,929.33	405,088.92	55.8 %	725,000.00
402 CONSTRUCTION-RECREATION FACILITIES	13,310.68	63,366.10	97.4 %	65,000.00
403 CONSTRUCTION-IRRIGATION FACILITIES	.	.00	.0 %	10,000.00
404 CONSTRUCTION-FLOOD CONTROL	36,468.43	167,455.77	36.8 %	400,000.00
405 CONSTRUCTION-PILOT WELLS	.	.00	.0 %	10,000.00
501 OP & MAINT-DAMS & RELATED APPURTENANCES	13,997.06	151,890.65	116.8 %	130,000.00
502 OP & MAINT-RECREATION FACILITIES	.	.00	.0 %	10,000.00
503 OP & MAINT-IRRIGATION FACILITIES	.	.00	.0 %	10,000.00
504 OP & MAINT-FLOOD CONTROL	36.30	24,486.96	21.2 %	115,000.00
TOTALS	232,050.52	1,561,171.23	53.8 %	2,897,401.00

Handwritten notes:
 Commissioned
 W & G
 7/16
 7/24
 7/10/70

Handwritten notes:
 54.2% of ...
 * Does not include 64,108.36 non-project operating cost.