

NORTH DAKOTA STATE WATER COMMISSION

OBJECT BUDGET COMPARISON
1969-71 APPROPRIATIONSMay 13, 1970
SWC File No. C5-1.4

<u>ACCT.</u>	<u>OBJECT</u>	<u>APRIL, 1970</u> <u>EXPEND.</u>	<u>JULY 1, '69</u> <u>APR. 30, '70</u> <u>EXPEND.</u>	<u>1967-69</u> <u>BUDGET</u>	<u>EXP. % OF</u> <u>BUDGET (STD.</u> <u>41.7) **</u>
1000	Salaries	\$28,139.04	\$294,930.17	\$745,000	39.6
1820	Oasis	262.54	1,605.65	4,700	34.2
1830	Social Security	1,350.67	11,229.01	29,200	38.5
1840	Medical Insurance	175.00	1,770.00	4,400	40.2
1850	Workmen's Compensation	-	2,047.99	4,500	45.5
1880	State Retirement	1,073.00	11,208.96	24,101	46.5
	TOTAL SALARIES & WAGES	<u>\$31,000.25</u>	<u>\$322,791.78</u>	<u>\$811,901 (1)</u>	<u>39.8</u>
2110	Meals and Lodging	\$ 1,292.53	\$ 31,638.72	\$ 73,000	43.3
2120	Personal Vehicle Mileage	122.67	1,801.67	7,000	25.7
2130	Comm. Transportation	-	3,918.73	11,000	35.6
2150	Miscellaneous Travel	197.58	863.12	3,000	28.8
2210	Water- Garbage	13.30	84.42	200	42.2
2220	Natural Gas	92.21	418.21	1,000	41.8
2230	Electricity	-	266.98	800	33.4
2310	Rental - Equipment	10.00	1,336.99	5,000	26.7
2410	Postage	135.35	1,109.80	4,000	27.7
2420	Telephone	189.41	2,071.83	5,000	41.4
2510	Repair Equipment	112.60	4,477.31	12,000	37.3
2513	Maintenance Contracts	44.00	1,663.07	2,000	83.2
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	148.00	2,297.00	1,000	229.7
2626	Appraisal Fees	-	-	200	-
2650	Consulting Fees	75.00	100.00	500	20.0
2682	Photographers Fees	-	219.76	500	43.9
2699	Misc. Professional Fees	-	2,485.00	2,000	124.3
2720	Property Insurance	-	232.08	400	58.0
2730	Liability Insurance	-	411.00	900	45.7
2911	Radio - Newspaper Fees	17.00	34.50	300	11.5
2912	Rewards, Premiums	-	95.59	200	47.8
2914	Licenses and Taxes	-	212.50	200	106.3
2915	Dues	-	926.00	5,000	18.5
2916	Freight	13.11	460.29	1,500	30.7
2999	Miscellaneous	-	80.75	1,000	0.8
	TOTAL FEES AND SERVICES	<u>\$ 2,462.76</u>	<u>\$ 58,396.47</u>	<u>\$140,000</u>	<u>41.7</u>
3100	Office Supplies	\$ 697.73	\$ 6,230.69	\$ 15,000	41.5
3110	EDP Supplies	82.80	115.05	500	23.0
3120	Printing	1,024.93	5,104.37	15,300	33.4
3130	Books, Subscriptions	37.36	1,297.50	3,400	38.2
3132	Films	-	41.67	600	6.9

-2-

ACCT.	OBJECT	APRIL, 1970 EXPEND.	JULY 1, '69 APR. 30, '70 EXPEND.	1967-'69 BUDGET	EXP. % OF BUDGET (STD. 41.7) **
3600	Hdwe. & Bldg. Supplies	\$ 1,601.35	\$ 15,061.60	\$ 54,000	27.9
3700	Motor Vehicle Supplies	574.05	15,431.18	32,000	48.2
3800	Parts (Include Tires)	489.83	13,647.32	28,000	48.7
3959	Miscellaneous	-	7.25	700	-
	TOTAL SUPPLIES & MATERIALS	<u>\$ 4,527.22</u>	<u>\$ 57,072.80</u>	<u>\$ 150,500</u>	<u>37.9</u>
4100	Office Equipment	\$ 786.00	\$ 3,315.35	\$ 4,000	82.9
4300	Motor Vehicles	7,416.96	18,933.23	28,500	66.4
4400	Machines and Equipment	338.50	1,318.58	2,500	52.7
	TOTAL EQUIPMENT	<u>\$ 8,541.46</u>	<u>\$ 23,567.16</u>	<u>\$ 35,000</u>	<u>67.3</u>
7700	Basins Commission	<u>\$15,000.00</u>	<u>\$ 30,400.78</u>	<u>\$ 60,000</u>	<u>50.7</u>
	TOTAL GENERAL OPERATIONS APPROP.	\$61,531.69	\$ 492,228.99	\$1,197,401	41.1
5500	Contract Payments	<u>\$28,809.09</u>	<u>\$ 701,557.86</u>	<u>\$1,700,000 (2)</u>	<u>41.3</u>
	TOTAL STATE WATER COMM. BUDGET	<u>\$90,340.78</u>	<u>\$1,193,786.85</u>	<u>\$2,897,401 (3)</u>	<u>41.2</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

**10/24 months - 41.7 percent biennium elapsed

eh
Distribution:
 MWH
 AKG
 ME
 KK
 Commissioners

MINUTES

NORTH DAKOTA STATE WATER COMMISSION
 Held in Fred J. Fredrickson Memorial Library
 Bismarck, North Dakota

May 22, 1970

The meeting was called to order at 9:35 a.m. in the Fred J. Fredrickson Memorial Library with Governor William L. Guy presiding.

PRESENT:

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

OTHERS PRESENT:

Alan K. Grindberg, Assistant Chief Engineer, State Water Commission,
 Bismarck
 Matt Emerson, Assistant Secretary, State Water Commission, Bismarck
 Tony Engelhardt, Benson County, Minnewaukan
 Miles Maddock, Benson County, Maddock
 Duane Howard, Benson County Minnewaukan
 Harold Michels, Benson County, Minnewaukan
 John Haugland, Benson County Attorney, Devils Lake
 Vernon S. Cooper, Garrison Diversion Conservancy District, Carrington
 Edward Lundberg, Project Manager, U. S. Bureau of Reclamation, Bismarck
 Oliver Rodne, Wells County, Harvey
 Fred Ebel, Wells County, Fessenden
 Honorable Eldred N. Dornacker, North Dakota State Representative, Mayville
 John Nelson, City Auditor, Hillsboro
 Ronald Stuart, President, City of Hillsboro, Hillsboro
 Larry Feinstein, Associated Press, Bismarck

MINUTES OF MARCH 25, 1970
 MEETING APPROVED

Commissioner Jungroth moved and Commissioner Hanson seconded that the minutes of the March 25, 1970 meeting be approved as

circulated. All members voted aye.

FINANCIAL STATEMENTS
 FOR MARCH AND APRIL, 1970
 APPROVED

Matt Emerson, Assistant Secretary for the North Dakota State Water Commission, presented the financial statements for the months of March and April, 1970.

There was a brief discussion of the statements following Mr. Emerson's remarks on the various accounts.

Commissioner Dushinske moved the approval of the financial statements for the months of March and April, 1970. Commissioner Hanson seconded and all members voted aye.

WELCOME TO COMMISSIONER
ALVIN KRAMER, MINOT

Governor Guy, in behalf of the Commission members, welcomed Alvin Kramer to the Commission. The Governor presented a

brief history of Commissioner Kramer's water-related efforts.

REQUEST FROM MONTANA-DAKOTA
UTILITIES COMPANY FOR APPROVAL
OF PIPELINE STREAM CROSSINGS
(#1373)

At the March 25, 1970 Commission meeting, Commissioner Dushinske stated that he had noted several pipeline stream crossings were being made in the Devils Lake area.

It was noted at that time that Montana-

Dakota Utilities Company had not requested approval from the State Water Commission office to install these pipelines.

Montana-Dakota Utilities Company has now requested approval from the State Water Commission to construct a pipeline system extending from Bismarck easterly to serve Jamestown, Valley City, Devils Lake and nine smaller towns along the route.

Secretary Hoisveen read a memorandum written by Assistant Chief Engineer, Mr. Alan Grindberg, indicating the streams they would have to cross. The pipelines will be used to carry natural gas only and will be of welded steel construction. In the event a gas leak did occur, there would not be a water pollution problem. Secretary Hoisveen stated that it was his recommendation that the Commission grant Montana-Dakota Utilities Company permission to install the natural gas pipelines.

Commissioner Jungroth moved that the Commission grant Montana-Dakota Utilities Company permission to install natural gas pipelines across the North Dakota streams mentioned. Commissioner Dahl seconded and all members voted aye.

REPAIR OF DAMS

A. SHEEP CREEK DAM
(#1358)

Secretary Hoisveen reported that the State Water Commission had experienced its first loss in the way of a dam. Construction

was completed last fall on the Sheep Creek Dam located approximately four miles south of Elgin, North Dakota. The final inspection had been made in late fall of 1969.

During the first week in May, 1970, Sheep Creek Dam and surrounding areas experienced a heavy rainfall. Trouble developed in the pipe spillway when the water reached a $5\frac{1}{2}$ foot level. The whole pipeline section is destroyed and a section of the embankment washed out. There is much debris and rubbish in the water which will need to be cleaned up with repair of the dam.

Alan Grindberg showed the Commission slides of the Sheep Creek Dam which had been destroyed and briefly explained what had happened.

Secretary Hoisveen stated that on May 27, 1970, representatives from the U. S. Corps of Engineers, the Bureau of Reclamation, Soil Conservation Service, Grant County Water Management District and the State Water Commission are planning a joint inspection of Sheep Creek Dam. He also explained the way in which the dam would be repaired.

B. BURLINGTON DAM JUDGE
CHRISTENSEN PROJECT
(#221)

Secretary Hoisveen explained the situation on the Burlington Dam Judge Christensen project. He stated that the embankment failed on the dam which had been there for approximately 35 years. Through investigation of the failure, it was found that a burrowing animal had made its way through the dike and the resulting washout caused considerable cutout of the dike.

Secretary Hoisveen stated that it was his recommendation that the Commission make an application for funds to the Office of Emergency Preparedness for the repair of dams, but that the Commission would have to spend some of its own funds to effect repairs of these projects.

Commissioner Gallagher moved that the State Water Commission approve the expenditure of up to \$100,000 for dam repair costs to supplement Federal emergency funds. Commissioner Dushinske seconded and all members voted aye.

U. S. BUREAU OF RECLAMATION
FEE CHARGE FOR IRRIGATION
PUMPING FROM CORPS OF
ENGINEERS RESERVOIRS
(#1494)

Secretary Hoisveen reported briefly on the status of the U. S. Bureau of Reclamation's intent to charge for irrigation pumping from Corps of Engineers reservoirs. On May 1, 1970, Governor Guy received a letter from Assistant Secretary of the Interior, James R. Smith, stating that if a private irrigator's water supply is not dependent upon federally constructed facilities, such private irrigator is not subject to federal reclamation laws and need not enter into a water service contract with the Bureau of Reclamation. A meeting will be held at a future date with other Missouri River Basin states to try and explore the possibilities of establishing certain requirements prior to approving and supporting future federally constructed water-related facilities.

REQUEST FOR SURVEY TO
IMPROVE GASCOYNE LAKE -
BOWMAN COUNTY WATER
MANAGEMENT DISTRICT
(#557)

Secretary Hoisveen reported that the State Water Commission has received a request from the Bowman County Water Management District, along with the initial \$200 fee, to investigate and study the feasibility of improving Gascoyne Lake as a water-based recreation area. This would include raising the Gascoyne Lake level to make it more adaptable to a sporting and recreation area.

It was the recommendation of Secretary Hoisveen that the Commission investigate and study the Gascoyne Lake area.

Commissioner Hanson moved that the Commission investigate and study the present Gascoyne Lake area, proposing to raise the present lake level to make it more adaptable for a recreation area. Commissioner Dahl seconded and all members voted aye.

DRAINS

A. CASS COUNTY DRAIN NO. 14
(#1070)

Secretary Hoisveen stated that the Cass County Drain Board is making a request to the State Water Commission for State participation of \$1,148 in excess of the original drain cost of \$3,640. This excess cost is due to a combination of low yardage per lineal foot of drain and a late start on construction, since bids were not opened until September 17, 1969.

It was the recommendation of Secretary Hoisveen to participate in Cass County Drain No. 14 in the amount of \$1,148.

B. CASS COUNTY DRAIN NO. 41
(#1091)

Secretary Hoisveen stated that the Cass County Drain Board is requesting the State Water Commission for State participation in the cleaning out and re-construction of Cass County Drain No. 41 in the amount of \$2,491.80. The total cost of the re-construction project is \$6,229.50. The Commission participated in previous construction of this drain in 1948, whereby the project was constructed to design side slopes of 2:1. The present re-construction project calls for 4:1 side slopes except for 3:1 side slopes in the lower 2900 feet of the outlet into the Elm River. The new drain will also be deepened.

It was the recommendation of Secretary Hoisveen that the State Water Commission participate in the re-construction and cleaning out of Cass County Drain No. 41 in the amount of \$2,491.80.

C. CASS COUNTY DRAIN NO. 39
(#1089)

Secretary Hoisveen stated that the Cass County Drain Board has made a request to the State Water Commission for State participation in the amount of \$13,588 for re-construction of 6.95 miles of ditch with no anticipated change needed in the drop structure. The total overall cost of Cass County Drain No. 39 is \$43,489.50.

Secretary Hoisveen recommended to the Commission that State participation be granted in the amount of \$13,588 for the re-construction of Cass County Drain No. 39.

D. CASS COUNTY DRAIN NO. 50
(#1528)

Secretary Hoisveen stated that the Cass County Drain Board has made a request to the State Water Commission for State participation in construction of Cass County Drain No. 50 in the amount of \$5,027.20. The total estimated cost of the project is \$12,568. The new drain is approximately two miles with pipe drop into the Sheyenne River.

It was the recommendation of Secretary Hoisveen that the State Water Commission participate in construction of Cass County Drain No. 50 in an amount not to exceed \$5,027.20.

Commissioner Jungroth moved that the State Water Commission participate in the following drains and not to exceed the following amounts:

- A. Cass County Drain No. 14 - \$1,148
- B. Cass County Drain No. 41 - \$2,491.80
- C. Cass County Drain No. 39 - \$13,588
- D. Cass County Drain No. 50 - \$5,027.20

Commissioner Hanson seconded the motion and all members voted aye.

MR. TONY ENGELHARDT,
MINNEWAUKAN, APPEARANCE
ON WEST BAY DEVILS LAKE
(#416)

Mr. Tony Engelhardt, Minnewaukan, Miles Maddock, Maddock, Duane Howard, Minnewaukan, Harold Michels, Minnewaukan, and Mr. John Haugland, Attorney, Devils Lake, all representing a group of Benson County

landowners, appeared before the Commission. Mr. Engelhardt was the spokesman for the group. He very extensively discussed the status that has led up to the present problems in the West Bay area. The landowners in this area wish to drain some of the water out of the Devils Lake into the East Bay, thereby causing the water to drain out of the West Bay into Devils Lake. This would again make it possible for the farmers to have pasture and hayland which they have been deprived of for a number of years. They feel that installing culverts in the East Bay and maintaining Devils Lake at a lower level would make this a reality. He stated that approximately 2,000 acres of hayland will be lost this year if nothing is done at present.

Mr. Grindberg stated that from recent meetings with the State Highway Department, it is his understanding that the Highway Department will match the Great Northern Railway Company in whatever agreement is reached.

Commissioner Dushinske stated that it is his feeling that a definite lake level must be established for Devils Lake, then determine the needed culvert capacity and then the State Highway Department, the Great Northern Railway Company and the State Water Commission hold a meeting and establish what should be done. He also stated that perhaps those landowners who are concerned with the early acquisition of land in the West Bay area get together and see if there is anything else possible to hasten early acquisition of their land. Action on this was deferred until later in the meeting.

The Commission then recessed for lunch at 11:45 a.m. at the Gourmet House where Mr. Edward Lundberg, Project Manager for the U. S. Bureau of Reclamation, Bismarck, was the speaker. Mr. Lundberg's main topic

to the Commission was a brief discussion of future and proposed projects of the Bureau of Reclamation. One of their main projects is the relocation of the New Rockford Canal through Wells County.

The Commission reconvened with the regular meeting at 1:30 p.m.

REQUEST BY THE SWEETWATER-DRY
LAKE WATER MANAGEMENT DISTRICT
FOR A SURVEY OF ST. JOE COULEE
(#722)

proposal is to bring this coulee into the north end of Dry Lake. The request is for engineering assistance from the State Water Commission.

Secretary Hoisveen read a letter from Gordon Berg, Chairman, Sweetwater-Dry Lake Water Management District, in regard to a survey of St. Joe Coulee, which drains into Mike's Lake west of Dry Lake. The

Secretary Hoisveen's recommendation is that the Sweetwater-Dry Lake Water Management District be notified that the State Water Commission will participate in the survey of the St. Joe Coulee.

Commissioner Dahl moved that the State Water Commission participate in the investigation and survey of the St. Joe Coulee and for engineering assistance. Commissioner Kramer seconded and all members voted aye.

REQUEST BY THE EATON FLOOD
IRRIGATION DISTRICT FOR
ASSISTANCE IN DETERMINING
FLOODS CAUSED BY OPERATION
OF DAM
(#227)

requiring them to open all the gates on the dam and to do some snagging operations. This dam is an irrigation project. Their request is for expert engineering advice from the State Water Commission to have some levels run and to compute the effects of the dam both at times of high water and in normal years. The landowner claimed that neither they nor their predecessors had at any time given the Flood Board any easements or other license to raise water on or over their lands.

Secretary Hoisveen read a letter from Attorney Jonathan C. Eaton, Jr., Minot, North Dakota, stating that approximately six landowners located some eight to fifteen river miles upstream from the Eaton Dam had obtained an injunction against the Flood Irrigation Board

After a brief discussion, it was the consensus of the Commission that it should not provide information for a law suit, but that all Commission files should be open to the public in the event information is sought.

Commissioner Kramer moved that the Commission notify the Eaton Irrigation Flood Board that it will not provide engineering for a law suit, but that the files will be open for inspection in the event the District so desires. Commissioner Jungroth seconded and all members voted aye.

REQUEST FOR DESIGN AND COST
PARTICIPATION IN THE PROPOSED
HILLSBORO DAM
(#1476)

Honorable Eldred Dornacker, North Dakota State Representative, Mr. John Nelson, City Auditor, Hillsboro, and Mr. Ronald Stuart, President of the City Council, City of Hillsboro, appeared before the

Commission. The spokesman for the group was Representative Dornacker. He passed around copies of a statistical sheet that was prepared showing the economic value of a sugar beet factory to North Dakota. After reviewing these statistics, Representative Dornacker briefly explained to the Commission a proposal to build a multi-purpose dam at a site on the Goose River, immediately west of Hillsboro so that a sugar beet plant may be built at this site. The Traill County Water Management District has agreed to be the sponsoring agency. The approximate estimated cost of this dam would be \$550,000. It is felt that this location is very good for recreational purposes and the pool elevation would be deep enough to support fish.

It was stated that the Commission would make a foundation study in the near future, which would be necessary before the final design. The Commission will not commence construction of the dam until such a time as a definite agreement has been made and signed assuring the construction of a sugar beet plant in the immediate vicinity of Hillsboro. The State Water Commission will then contract with the Traill County Water Management District for the construction of the dam.

Commissioner Jungroth moved that the State Water Commission appropriate \$250,000 towards the construction of a dam at Hillsboro, contingent on the construction of a sugar beet refinery. Commissioner Dahl seconded and all members voted aye.

WELLS COUNTY GROUP PRESENTATION
REGARDING CANAL ROUTING
(#237)

Mr. Oliver Rodne, Harvey and Mr. Fred Ebel, Fessenden, representing farmers in Wells County, appeared before the Commission. Mr. Ebel was the spokesman

for the two gentlemen and he began by passing around a Certificate creating the Farmers Canal Protestors Association.

Mr. Ebel stated that the proposed canal that will pass through Wells County will take approximately 20 acres out of a quarter section of land. The farmers who are using the water for irrigation are only being assessed \$3.00 per acre more than the farmer who is not using the water.

Mr. Ebel stated that the disadvantages of this canal are many, stating one in particular, that the upkeep of the County is going to be much greater. They feel that by installing an underground pipe rather than putting in a canal would be considerably cheaper and the people in the area agreed.

Commissioner Dushinske asked Mr. Ebel approximately how many landowners would be affected by this canal. Mr. Ebel's reply was about 45 landowners.

Mr. Edward Lundberg, Project Manager for the U. S. Bureau of Reclamation, commented briefly on Mr. Ebel's remarks. He stated that he has met previously with these landowners and spoke with them and that any time in the future when they would call a meeting, he would be more than willing to speak to them and try and clarify some of their questions. He stated that the canal would have 2:1 side slopes and would be approximately 14 feet in depth.

Governor Guy thanked the two gentlemen for appearing before the Commission.

Governor Guy then left the meeting and Vice Chairman Gallagher presided.

WATER PERMITS -
#1656, 1664, 1677,
1682, 1686, 1687,
1688, 1689, 1690,
1691, 1692, 1693,
1694, 1696, 1698,
1700, 1701

Secretary Hoisveen presented 17 water permits to the Commission for consideration. It was the recommendation of the State Engineer that these water permits be approved with the exception that water permit Nos. 1698, Kriss W. Enzi, Braddock, and 1664, Roger Hirsch, Mott, be deferred pending further investigation.

Commissioner Jungroth moved that the water permits presented to the Commission be approved as presented with the exception of the deferral of water permits Nos. 1698 and 1664, pending further investigation. Commissioner Hanson seconded and all members voted aye. (See Appendix "A")

BUCHANAN DRAIN NO. 1
(#1348)

Commissioner Jungroth stated that a letter had been received from the Stutsman County Drain Board requesting possible State

Water Commission participation in future work and work that has been done on Buchanan Drain No. 1. It was established that not enough compensatory wildlife habitat can be offered by the drain users to obtain the approval of the Fish and Wildlife Department, therefore this would prevent the State Water Commission from participating. The Drain Board believes there is a possibility that the Commission could participate in the cost of the culverts installed in the drain.

After a brief discussion by the Commission, it was the consensus of the Commission that no action would be taken on the aforementioned project.

FUTURE MEETING

Secretary Hoisveen stated that Governor Guy has been asked to be the principal speaker at the Big Coulee Dam dedication on June 23, 1970 and that he felt it would be most appropriate to hold a Commission meeting on this date, also. It was the consensus of the Commission that a meeting be held at approximately 10:00 a.m. on June 23, 1970 in Bisbee.

PEMBINA RIVER FLOOD CONTROL
(#567)

Secretary Hoisveen read a resolution passed By the Pembina River Flood Control Association.

Commissioner Dushinske stated that two meetings have been held with the Association and the State Water Commission relative to the flooding. The Corps of Engineers is going to proceed to study the feasibility for the United States constructing their portion of the International Joint Commission approved project plan that provides for flood control and municipal water supplies with the anticipation of Canada completing their portion at a later date.

REPORT BY MR. EDWARD LUNDBERG,
PROJECT MANAGER, U. S. BUREAU
OF RECLAMATION

Vice Chairman Gallagher stated that Mr. Edward Lundberg did not get a chance to complete his speaking engagement to the Commission during the noon luncheon. Mr.

Lundberg then proceeded to finish. He continued speaking on work that is being done and future work that will be done by the U. S. Bureau of Reclamation. He gave a brief review of the Garrison Diversion project. He stated that William Clairmont had been awarded the contract for the first phase of work on the McClusky Canal and that work is progressing.

Mr. Lundberg stated that a representative or representatives from his office will accompany State Water Commission engineers to Sheep Creek Dam near Elgin on May 27, 1970 for the inspection of the failure.

WEST BAY DEVILS LAKE
(#416)

The Commission briefly discussed the West Bay area in Devils Lake after listening to Mr. Tony Engelhardt's talk. It was

the consensus of the Commission that a level of 1416 feet above mean sea level be established in Devils Lake and that the State Highway Department, the Great Northern Railway Company and the State Water Commission staff work together to determine the required culvert depth through Highway 20 to maintain this elevation. The Railway Company should also be notified immediately to clean out the culvert that is filled with debris and sand blocking the water.

Commissioner Dushinske moved that the level of 1416 feet above mean sea level be established as the minimum level of Devils Lake and that the State Highway Department and the State Water Commission staff work together to determine the required culvert depth through Highway 20 to maintain this elevation. The amount of opening the State Highway Department is willing to install should also be determined and a commitment made to do such work should be transmitted to the local proponents so that they can obtain a final commitment from the railroad to match. Commissioner Jungroth seconded the motion and all members voted aye.

STATE ENGINEER'S SALARY

Vice Chairman Gallagher stated to the Commission that in comparison to the Federal Civil Service wages and the salary that Mr. Robert Bradley, Chief Engineer of the State Highway Department, is receiving, the State Engineer's salary is considerably lower. He mentioned that it has now been one year since the Commission had reviewed Mr. Hoisveen's salary.

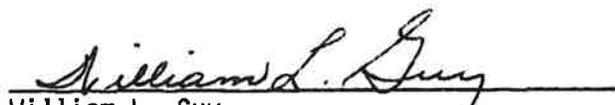
Commissioner Jungroth moved that the salary of the State Engineer be increased from the present \$1625 per month to \$1800 per month effective July 1, 1970. Commissioner Hanson seconded and all members voted aye.

MEETING ADJOURNED

There being no further business, the meeting adjourned at 4:35 p.m.


Milo W. Hoisveen
Secretary

ATTEST:


William L. Guy
Governor-Chairman

WATER PERMITS FOR May 22, 1970 AGENDA

NO.	NAME AND ADDRESS	SOURCE	PURPOSE	AMOUNT REQUESTED	COMMENTS & RECOMMENDATIONS
1686	Rippley, Bill Bismarck	2 Wells from Underground Sources	Domestic Resi- dential Use	56 acre-feet	56.0 acre-feet
1688	Wurtz, Richard Plaza	Garrison Reservoir, Trib. to Missouri River	Irrigation	131 acre-feet 65.5 acres	131.0 acre-feet 65.5 acres
1682	Kiker, Russell, Jr. Sentinel Butte	Williams Creek, trib. to Little Missouri River	Irrigation	360 acre-feet 180.9 acres	180.9 acre-feet 180.9 acres
1677	Schnell, Robert Lemmon, So. Dakota	Unnamed Stream, trib. to the Cedar River	Irrigation	142.4 acre-feet 142.4 acres	142.4 acre-feet 142.4 acres
1690	Taylor, City of Taylor (APPROVED BY STATE ENGINEER 4-30-70)	Underground Well	Municipal	80 acre-feet 160 acres	73.0 acre-feet N/A
1691	Hoff Brothers Richardton	Unnamed Inter- mittent Draw, tributary to the Knife River	Stockwater	35 acre-feet storage plus 47.7 acre-feet annual use	35.0 acre-feet storage plus 17.7 acre-feet annual use

NO.	NAME AND ADDRESS	SOURCE	PURPOSE	AMOUNT REQUESTED	COMMENTS & RECOMMENDATIONS
1693	Igoe, James J & Sons Construction, Inc. Bismarck	Underground Well	Industrial	50 acre-feet	50.0 acre-feet
1656	Uhlman, Dr. Eugene B. Williston	Missouri River	Irrigation	120 acre-feet 63.0 acres	120.0 acre-feet 63.0 acres
1687	Tormaschy, Ralph M. Dickinson	Crooked Creek, tributary to the Knife River	Irrigation	64.0 acre-feet 32.0 acres	32.0 acre-feet 32.0 acres
1689	Hehn, Werner Leith	Unnamed Creek, tributary to the Cannonball River	Irrigation	12 acre-feet 19.0 acres	12.0 acre-feet 19.0 acres
1692	Ellison, Edward and Larry Thunder Hawk, SD	Unnamed Creek, tributary to Cedar River	Irrigation	90 acre-feet 88.8 acres	88.8 acre-feet 88.8 acres
1696	Bohnet, Robert	Timber Creek, tributary to Cedar River	Irrigation	123.5 acre-feet 123.5 acres	123.5 acre-feet 123.5 acres

NO.	NAME AND ADDRESS	SOURCE	PURPOSE	AMOUNT REQUESTED	COMMENTS & RECOMMENDATIONS
1700	Dillinger, Mike Gladstone	Unnamed intermittent draws, tributary to the Knife River	Irrigation	426.0 acre-feet 213.0 acres	213.0 acre-feet 213.0 acres
1694	Glas, Anton Linton	Missouri River	Irrigation	1168 acre-feet 584.0 acres	1168.0 acre-feet 584.0 acres
1698	Enzi, Kriss W. Braddock	West Branch Long Lake Creek, trib. to Long Lake	Irrigation	76.9 acre-feet 76.9 acres	Action deferred pending further investigation
1701	James Valley Lands, Inc. LaMoure	James River, trib. to Missouri River	Irrigation	150 acre-feet 82 acres	123.0 acre-feet 82.0 acres
1664	Hirsch, Roger Mott	Thirty-Mile Creek, tributary to the Cannonball River	Irrigation	61.4 acre-feet 61.4 acres	Action deferred pending further investigation

RESOLUTION

RUSSELL M. DUSHINSKE

70-6-286

WHEREAS, MR. RUSSELL M. DUSHINSKE HAS ABLY SERVED AS A MEMBER OF THE NORTH DAKOTA STATE WATER COMMISSION SINCE 1965; AND

WHEREAS, MR. DUSHINSKE HAS NOW RESIGNED FROM THE STATE WATER COMMISSION; AND

WHEREAS, DURING HIS TENURE AS A COMMISSIONER, MR. DUSHINSKE WORKED TIRELESSLY AND GAVE FREELY AND ENTHUSIASTICALLY OF HIS TIME AND MANY TALENTS TO FURTHER THE BENEFICIAL USE OF WATER IN NORTH DAKOTA AND THROUGHOUT THE NATION.

NOW, THEREFORE, BE IT RESOLVED BY THE NORTH DAKOTA STATE WATER COMMISSION AT ITS REGULAR MEETING HELD IN DICKINSON, NORTH DAKOTA, ON THIS 24th DAY OF JULY, 1970, THAT IT DOES HEREBY THANK MR. DUSHINSKE FOR HIS MANY CONTRIBUTIONS AND HIS SAGE COUNSEL IN THE PAST AND LOOKS FORWARD TO MANY YEARS OF ASSOCIATION WITH HIM IN HIS CAPACITY AS EXECUTIVE VICE PRESIDENT OF THE NORTH DAKOTA WATER USERS ASSOCIATION.

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 - MAY 31, 1970
 1969-1971 APPROPRIATIONS

	Available Funds		Disbursements		Account Balances		
	APPROPRIATION	RECEIPTS	TO DATE	MAY '70	UNEXPENDED	ENCUMB.	UNENCUMB.
GENERAL OPERATIONS: ACCOUNT							
1009-Salaries Expense	\$ 811,901.00	\$ -	\$ 354,035.46	\$ 31,243.68	\$ 457,865.54	\$ -	\$ 457,865.54
2009-Fees & Services	140,000.00	-	61,506.19	3,109.72	78,493.81	-	78,493.81
3009-Supplies & Materials	150,500.00	-	66,871.89	9,799.09	83,628.11	-	83,628.11
4009-Equipment	35,000.00	-	23,695.11	127.95	11,304.89	4,661.80	6,643.09
7709-Red Basin Comm.	60,000.00	-	30,453.56	52.78	29,546.44	-	29,546.44
GENERAL OPERATIONS	\$1,115,401.00						
Federal Grants	82,000.00						
TOTAL GENERAL OPERATIONS	\$1,197,401.00	-	\$ 536,562.21	\$ 44,333.22	\$ 660,838.79	\$ 4,661.80	\$ 656,176.99
CONTRACT FUND:							
336-770-Contract "Cash" \$1,000,000.							
Contract Collections 700,000.	\$1,700,000.00						
Collections to Date		\$276,811.44					
Transfer from 001 to 336		525,000.00					
		<u>\$801,811.44</u>	<u>\$ 729,808.71</u>	<u>\$ 28,250.85</u>	<u>\$ 970,191.29</u>	<u>\$861,406.00</u>	<u>\$ 108,785.29</u>
TOTAL CONTRACT FUND	\$1,700,000.00	\$801,811.44	\$ 729,808.71	\$ 28,250.85	\$ 970,191.29	\$861,406.00	\$ 108,785.29
GRAND TOTALS	\$2,897,401.00	\$801,811.44	\$1,266,370.92	\$ 72,584.07	\$1,631,030.08	\$866,067.80	\$ 764,962.28

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

<u>ACCOUNT</u>	Available Funds		Disbursements		Account Balances		
	<u>APPROPRIATION</u>	<u>RECEIPTS*</u>	<u>TO DATE</u>	<u>MAY '70</u>	<u>UNEXPENDED</u>	<u>ENCUMB.</u>	<u>UNENCUMB.</u>
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

<u>TYPE</u>	<u>DUE DATE</u>	<u>INTEREST RATE</u>	<u>INTEREST TO MATURITY</u>	<u>PRINCIPAL</u>	<u>TOTAL INCOME ANTICIPATED</u>
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	<u>4,131.99</u>	SINCE FUND CREATED IN 1939
		<u>\$37,653.04</u>	

NORTH DAKOTA STATE WATER COMMISSION

PAYROLL - MAY, 1970

NAME	POSITION	REMARKS	GROSS	W/TAX	S.S.	INS.	RET.	NET
HOISVEEN, MILO W.	STATE ENGINEER	INC. MAY '69	1,625.00	280.70	62.40	21.95	65.00	1,194.95
BAESLER, GORDON	W.R. TECH.	INC. JULY '69	720.00	89.70	34.56	21.95	28.80	544.99
BALLIET, ALLEN	RODMAN	INC. JULY '69	455.00	31.20	21.84	21.95	18.20	361.81
CHRISTENSEN, RAY	ENG. TECH.	INC. FEB. '70	655.00	66.30	31.44	21.95	26.20	509.11
DALLY, ANTOINETTE	STENO.	STA. JAN. '70	325.00	35.00	15.60	-	5.00	269.40
DONALDSON, DAVID	G.W. TECH.	RES. MAY '70	237.81	23.00	11.41	-	9.51	193.89
EMERSON, MATT	ASST. SECY.	INC. JULY '69	970.00	145.30	46.56	21.95	38.80	717.39
FROELICH, LARRY	GEOLOGIST	INC. JULY '69	840.00	140.60	40.32	21.95	33.60	603.53
FROEMMING, DALE	OPERATOR	INC. JULY '69	540.00	86.00	25.92	6.05	21.60	400.43
GEHRING, OSCAR	LAB. TECH.	STA. JAN. '70	525.00	92.30	25.20	6.05	21.00	380.45
GLOVER, DALE	HYDROLOGIST	INC. JULY '69	1,000.00	250.00	48.00	-	40.00	662.00
GRINDBERG, ALAN	ASST. ST. ENG.	INC. JULY '69	1,265.00	172.60	60.72	21.95	50.60	959.13
GRUNSETH, ARLAND	INV. ENG.	INC. JULY '69	960.00	124.30	46.08	21.95	38.40	729.27
HANSON, WILLIAM	DRAFTSMAN	STA. APR. '70	475.00	50.40	22.80	21.95	2.40 *	377.45
HEUPEL, MILTON	FIELD INV.	INC. FEB. '70	960.00	105.90	46.08	21.95	38.40	747.67
HUCHLER, EVA	STENO.	STA. JUNE '69	164.50	17.10	7.90	-	-	139.50
JACOBSON, HUGH	ASST. DRILLER	INC. JULY '69	495.00	37.60	23.76	21.95	19.80	391.89
JOCHIM, CLIFF	ATTORNEY	INC. JULY '69	575.00	95.00	27.60	21.95	23.00	407.45
KEATOR, LESTER	SOILS TECH.	STA. APR. '70	276.00	34.00	13.25	-	-	228.75
KNOLL, JAMES	SOILS TECH.	INC. SEPT. '69	475.00	79.70	22.80	6.05	19.00	347.45
KNUTSON, LEWIS	DRILLER	INC. JULY '69	645.00	57.30	30.96	21.95	25.80	508.99
KOCH, KAY	ACCOUNTANT	INC. JULY '69	525.00	78.90	25.20	21.95	21.00	377.95
KOTTSICK, ROSALIE	STENO.	STA. MAR. '70	300.00	46.50	14.40	6.05	12.00	221.05
LINDVIG, MILTON	G.W. ENG.	INC. JULY '69	1,000.00	143.20	48.00	21.95	40.00	746.85
LOCKEN, SHARON	CHIEF STENO.	INC. JAN. '70	500.00	75.30	24.00	21.95	20.00	358.75
MURI, GARVIN	CHEMIST	INC. JULY '69	735.00	98.70	35.28	21.95	29.40	549.67
NAPLIN, CHARLES	GEOLOGIST	INC. JULY '69	790.00	124.30	37.92	21.95	31.60	574.23
NELSON, C. P.	DRAIN. ENG.	INC. JULY '69	980.00	200.00	47.04	-	39.20	693.76
O'BRIEN, GEORGE	DRAFTSMAN	INC. NOV. '69	500.00	75.30	24.00	21.95	20.00	358.75
OHNSTAD, DON	PLAN. ENG.	INC. JULY '69	935.00	116.70	44.88	21.95	37.40	714.07
PUTZ, ROY	OFF. ASST.	INC. JULY '69	370.00	59.50	17.76	6.05	14.80	271.89
SACKMAN, EUGENE	SURVEYOR	INC. JULY '69	650.00	66.30	31.20	21.95	26.00	504.55
SCHANTZ, GEORGE	ENG. AID	INC. JULY '69	525.00	60.90	25.20	13.40	21.00	404.50
SCHMID, ROGER	G.W. HYDROL.	INC. JULY '69	925.00	107.70	44.40	21.95	37.00	713.95

NAME	POSITION	REMARKS	GROSS	W/TAX	S. S.	INS.	RET.	NET
SCHULZ, DELTON	OFF. ENG.	INC. JULY '69	1,110.00	160.00	53.28	21.95	44.40	830.37
SCOTT, LLOYD	DRAFTSMAN	INC. JULY '69	660.00	93.30	31.68	21.95	26.40	486.67
SENGER, ANTON	OPERATOR	INC. JULY '69	570.00	77.10	27.36	-	22.80	442.74
SIEMS, MYRNA	OJT STENO.	STA. OCT. '69	100.68	2.20	4.83	-	-	93.65
SIMENSON, KEN	CONST. ENG.	INC. JULY '69	1,000.00	122.20	48.00	21.95	40.00	767.85
SPEAKS, GLENN	OPERATOR	INC. JULY '69	540.00	39.20	25.92	21.95	21.60	431.33
TILLOTSON, ANN	RES. ASST.	INC. JULY '69	410.00	57.30	19.68	6.05	16.40	310.57
ULRICH, ROGER	RODMAN	INC. JULY '69	425.00	60.90	20.40	6.05	17.00	320.65
WALTERSON, HOWARD	CONST. SUPT.	INC. JULY '69	670.00	66.30	32.16	21.95	26.80	522.79
SWC GROUP INS.-35			175.00			175.00		
SWC RET.-MATCHING			<u>1,082.51</u>				<u>1,082.51</u>	
			29,661.50	3,945.80	1,347.79	823.40	2,172.42	21,372.09

* State Income Tax Withheld