

NORTH DAKOTA STATE RIVER COMMISSION  
 FINANCIAL STATEMENT NOVEMBER 30, 1971  
 1971-73 APPROPRIATIONS

C5-1.2

	Available Funds		Disbursements		Account Balances		
	APPROPRIATION	RECEIPTS	TO DATE	NOV. '71	UNEXPENDED	ENCUMB. -	UNENCUMB.
GENERAL OPERATIONS: ACCOUNT							
1001-Salaries Expense (1)	\$ 919,621.00	\$ -	\$145,972.25	\$35,406.81	\$ 773,648.75	\$ -	\$ 773,648.75
2001-Fees & Services	162,625.00	-	27,590.89	7,655.00	135,034.11	-	135,034.11
2051-Data Processing	4,500.00	-	699.01	349.56	3,800.99	-	3,800.99
3001-Supplies & Materials	163,600.00	-	23,141.87	9,244.02	140,458.13	-	140,458.13
4001-Equipment	25,000.00	-	530.45	179.00	24,469.55	-	24,469.55
7701-Red Basin Comm.	60,000.00	-	15,149.17	-	44,850.83	-	44,850.83
<b>TOTAL GENERAL OPERATIONS</b>	<b>\$1,335,346.00</b>	<b>\$ -</b>	<b>\$213,083.64</b>	<b>\$52,834.39</b>	<b>\$1,122,262.36</b>	<b>\$ -</b>	<b>\$1,122,262.36</b>
7721-West River Div.	\$ 100,000.00	\$ -	\$ 6,428.09	\$ 1,576.94	\$ 93,571.91	\$ -	\$ 93,571.91
CONTRACT FUND:							
336-770-Contract "Cash" \$1,000,000							
Contract Collections 900,000	\$1,900,000.00						
Collections to Date		\$168,287.23					
Transfer from 001 to 336		100,000.00					
			\$251,987.62	\$70,495.63	\$1,648,012.38	\$ -	\$1,648,012.38
<b>TOTAL CONTRACT FUND</b>	<b>\$1,900,000.00</b>	<b>\$268,287.23</b>	<b>\$251,987.62</b>	<b>\$70,495.63</b>	<b>\$1,648,012.38</b>	<b>\$ -</b>	<b>\$1,648,012.38</b>
<b>GRAND TOTALS</b>	<b>\$3,335,346.00</b>	<b>\$268,287.23</b>	<b>\$471,499.35</b>	<b>\$124,906.96</b>	<b>\$2,863,846.65</b>	<b>\$ -</b>	<b>\$2,863,846.65</b>

(1) Includes \$88,550.00 Federal Grants

## NORTH DAKOTA STATE WATER COMMISSION

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PAYROLL - OCT. 1971\*

<u>NAME</u>	<u>POSITION</u>	<u>REMARKS</u>	<u>GROSS</u>
HOISVEEN, MILO W.	STATE ENGINEER	INC. JULY '71	\$ 1,825.00
BAESLER, GORDON	WATER RIGHTS TECHNICIAN	INC. JULY '71	810.00
BALLIET, ALLEN	RODMAN	INC. JULY '71	535.00
CHRISTENSEN, RAYMOND	ENGR. TECHNICIAN	INC. JULY '71	820.00
DALLY, ANTOINETTE	STENOGRAPHER	INC. JULY '71	400.00
EMERSON, MATT	ASSISTANT SECRETARY	INC. JULY '71	1,145.00
FROELICH, LARRY	GEOLOGIST	INC. JULY '71	965.00
GALLAGHER, RICHARD	COMMISSIONER	STA. JULY '61	71.00
GEHRING, OSCAR	LAB TECHNICIAN	INC. JULY '71	625.00
GRAY, GORDON	COMMISSIONER	STA. JULY '70	99.00
GRINDBERG, ALAN	ASST. CHIEF ENGINEER	INC. JULY '71	1,550.00
GRUNSETH, ARLAND	INVESTIGATIONS ENGINEER	INC. JULY '71	1,090.00
HANSON, HAROLD	COMMISSIONER	STA. JULY '65	33.00
HANSON, WILLIAM	DRAFTSMAN	INC. JULY '71	525.00
HEUPEL, MILTON	CONSTRUCTION ENGINEER	INC. JULY '71	1,175.00
HOETZER, STEVE	DESIGN ENGINEER	STA. AUG. '71	850.00
JACOBSON, HUGH	ASSISTANT DRILLER	INC. JULY '71	565.00
JOCHIM, CLIFFORD	ATTORNEY	INC. JULY '71	1,285.00
JUNGROTH, JAMES	COMMISSIONER	STA. SEPT. '67	14.00
KLAPPRODT, LEROY	DRAFTSMAN	STA. OCT. '71	237.50
KLEINGARTNER, TIMOTHY	DRAFTSMAN	STA. AUG. '71	299.71
KLING, THOMAS	SOILS TECHNICIAN	STA. SEPT. '71	192.50
KNOLL, JAMES	OPERATOR	INC. JULY '71	590.00
KNUTSON, LEWIS	DRILLER	INC. JULY '71	745.00
KOCH, KAY	ACCOUNTANT	INC. JULY '71	300.00
KOTTSICK, ROSALIE	STENOGRAPHER	INC. JULY '71	355.00
KRAMER, ALVIN	COMMISSIONER	STA. APR. '70	29.00
LINDVIG, MILTON	GROUND-WATER ENGINEER	INC. JULY '71	1,200.00
LOCKEN, SHARON	CHIEF STENOGRAPHER	INC. JULY '71	615.00
MEES, LADARANA	FIELD ENGINEER	INC. JULY '71	840.00
MILLIGAN, DEBBIE	OJT STENO	STA. OCT. '71	26.25
MURI, GARVIN	CHEMIST	INC. JULY '71	890.00
NAPLIN, CHARLES	GEOLOGIST	INC. JULY '71	915.00
NEAL, DEAN	LAB TECHNICIAN	STA. SEPT. '71	54.00
NELSON, C. P.	DRAINAGE ENGINEER	INC. JULY '71	1,140.00
OHNSTAD, DONALD	PLANNING ENGINEER	INC. JULY '71	1,060.00
PUTZ, ROY	OFFICE ASSISTANT	INC. JULY '71	500.00
SACKMAN, EUGENE	SURVEYOR	INC. JULY '71	750.00
SCHMID, ROGER	GROUND-WATER HYDROLOGIST	INC. JULY '71	1,070.00
SCHULZ, DELTON	OFFICE ENGINEER	INC. JULY '71	1,290.00
SCOTT, LLOYD	CHIEF DRAFTSMAN	INC. JULY '71	745.00
SIEMS, MYRNA	STENOGRAPHER	INC. JULY '71	340.00
SPEAKS, GLENN	OPERATOR	INC. JULY '71	610.00
SWANSON, RONALD	PROJECT ENGINEER	INC. JULY '71	1,050.00
THOMAS, NELDA	DIR. OF INFORMATION	STA. APR. '71	800.00
TILLOTSON, ANN	RESEARCH ASSISTANT	INC. JULY '71	475.00
ULRICH, ROGER	RODMAN	INC. JULY '71	490.00
WALTERSON, HOWARD	CONSTRUCTION SUPT.	INC. JULY '71	770.00
WELCH, CYNTHIA	STENOGRAPHER	STA. SEPT. '70	150.00
WERNER, ROBERT	DRAFTSMAN	INC. JULY '71	500.00
SWC GROUP INS. - 41			293.06
IC RET-MATCHING			1,000.60
ASIS			47.01
SOCIAL SECURITY			655.18
			<u>\$35,406.81</u>

\*Pd. in Nov.

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## NORTH DAKOTA STATE WATER COMMISSION

OBJECT BUDGET COMPARISON  
1971-1973 BIENNIUMDecember 15, 1971  
SWC File C5-1.4

OBJ. CODE	OBJECT DESCRIPTION	Nov. 1971 EXPEND.	July 1, '71		EXP. % of BUDGET TIME STD. 20.8% **
			Nov. 30, '71 EXPEND.	BUDGET	
1000	Salaries	\$33,410.96	\$135,336.86	\$840,121.00	16%
1820	OASIS	47.01	316.53	4,400.00	7%
1830	Social Security	655.18	3,687.79	34,000.00	11%
1840	Hospital Insurance	293.06	1,155.56	7,500.00	15%
1850	Workmen's Compensation	-	1,131.51	3,600.00	31%
1880	State Retirement	1,000.60	4,344.00	30,000.00	14%
	TOTAL SALARIES AND WAGES	\$35,406.81	145,972.25	919,621.00(1)	16%
2110	Meals & Lodging	3,573.46	13,385.87	77,325.00	17%
2120	Personal Vehicle Mileage	664.49	1,996.97	8,000.00	25%
2130	Comm. Transportation	1,570.77	3,161.83	12,000.00	26%
2150	Misc. Travel	249.16	508.58	3,000.00	17%
2210	Water-Garbage	5.40	38.00	300.00	13%
2220	Natural Gas	59.21	76.17	1,000.00	8%
2230	Electricity	61.90	91.48	900.00	10%
2310	Rental - Equipment	25.00	141.59	2,500.00	6%
2360	Rent - Bldg. Space	-	20.00	500.00	4%
2410	Postage	105.80	655.42	4,000.00	16%
2420	Telephone	536.05	1,243.01	5,000.00	25%
2510	Repair Equipment	243.55	978.57	12,000.00	8%
2520	Maintenance Contracts	-	1,439.46	4,000.00	35%
2530	Repair Buildings & Grounds	-	-	1,000.00	-
2612	Legal Fees	-	-	1,000.00	-
2613	Audit Fees	-	197.63	500.00	39%
2614	Engineering Fees	-	99.00	2,500.00	3%
2618	Data Processing	-	123.32	150.00	82%
2650	Consulting Fees	-	-	1,500.00	-
2682	Photographer Fees	289.21	1,238.23	6,000.00	21%
2699	Misc. Professional Fees	35.00	1,359.00	12,000.00	23%
2720	Property Insurance	-	-	700.00	-
2730	Liability Insurance	-	-	900.00	-
2911	Radio-Newspaper Fees	-	10.72	300.00	4%
2912	Rewards-Premiums	-	-	500.00	-
2914	License & Taxes	200.00	200.00	700.00	28%
2915	Dues	-	110.00	2,000.00	1%
2916	Freight	-	123.24	1,500.00	8%
2999	Miscellaneous	36.00	392.80	850.00	46%
	TOTAL FEES AND SERVICES	\$ 7,655.00	\$27,590.89	\$162,625.00	17%
2618	Data Processing	349.56	699.01	4,500.00	16%
	TOTAL DATA PROCESSING	\$ 349.56	\$ 699.01	\$ 4,500.00	16%
3100	Office Supplies	585.59	2,763.68	19,000.00	15%
3110	Data Processing Supplies	-	-	200.00	-
3120	Printing	-	357.20	20,000.00	1%
	Books, Maps, Subscriptions	115.00	450.70	5,000.00	9%

OBJ. CODE	OBJECT DESCRIPTION	Nov. 1971 EXPEND.	July 1, '71 Nov. 30, '71 EXPEND.	BUDGET	EXP. % of BUDGET TIME STD. 20.8% ** SAL. STD. 16.6%
2	Films	\$ 383.25	\$ 1,052.97	\$ 3,400.00	35%
3600	Hardware & Bldg. Supplies	4,764.31	7,496.24	50,000.00	15%
3700	Petroleum Supplies	1,842.30	6,196.43	35,000.00	18%
3800	Equipment Repair Parts	1,553.57	4,809.05	29,000.00	17%
3959	Miscellaneous	-	15.60	2,000.00	1%
	TOTAL SUPPLIES & MATERIALS	\$9,244.02	\$ 23,141.87	\$163,600.00	14%
4100	Office Equipment	\$ 179.00	\$ 179.00	\$ 1,500.00	12%
4300	Motor Vehicles	-	-	23,000.00	-
4400	Machines & Equipment	-	351.45	500.00	70%
	TOTAL EQUIPMENT	\$ 179.00	\$ 530.45	\$ 25,000.00	2%
7701	Basins Commission	\$ -	\$ 15,149.17	\$ 60,000.00	25%
7721	Missouri River Diversion	1,576.94	6,428.09	100,000.00	6%
	TOTAL GENERAL OPER. APPROP.	54,411.33	219,117.30	1,435,346.00	15%
5500	Contract Payments	70,495.63	251,987.62	1,900,000.00(2)	13%
	TOTAL STATE WATER COMM. BUDGET	\$ 124,906.96	\$471,499.35	\$3,335,346.00	14%

(1) Appropriation \$831,071.00  
 Federal Grant 88,550.00  
\$919,621.00

(2) Appropriation \$1,000,000.00  
 Est. Contract  
 Fund Collection 900,000.00  
\$1,900,000.00

\*\* 5/24 months = 20.8 percent biennium elapsed

Dist.  
 Comm.  
 MWH  
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## MINUTES

North Dakota State Water Commission  
Held in Fred J. Fredrickson Memorial Library  
State Water Commission Offices  
Bismarck, North Dakota

January 10, 1972

The North Dakota State Water Commission held its meeting on January 10, 1972, in the Fred J. Fredrickson Memorial Library, State Water Commission offices, Bismarck, North Dakota. Governor William L. Guy called the meeting to order at 9:20 A.M.

Preliminary to the call of the meeting, Secretary Milo Hoisveen assembled the State Water Commission office staff, field and shop men in the Library. Governor Guy has been the Chairman of the Water Commission for 10 years and in recognition of this dedicated service, the Commission employees presented the Governor with a pen set adorned with a golden gavel. Secretary Hoisveen made this presentation to the Governor on behalf of the employees.

**PRESENT:**

Governor William L. Guy, Chairman  
Richard Gallagher, Vice Chairman, Mandan  
Harold Hanson, Member from New England  
James Jungroth, Member from Jamestown  
Alvin Kramer, Member from Minot  
Gordon Gray, Member from Valley City  
Arne Dahl, Commissioner, Department of Agriculture, Bismarck  
Milo W. Hoisveen, State Engineer, Chief Engineer and Secretary, North Dakota  
State Water Commission, Bismarck

**OTHERS PRESENT:**

Alan Grindberg, Assistant Chief Engineer, North Dakota State Water Commission,  
Bismarck  
Matt Emerson, Assistant Secretary, North Dakota State Water Commission, Bismarck  
Cliff Jochim, Special Assistant Attorney General, North Dakota State Water  
Commission, Bismarck  
John Greenslit, State Liaison Officer, State Outdoor Recreation Agency, Bismarck  
Russell Dushinske, Executive Vice President, North Dakota Water Users  
Association, Minot  
Dr. Enoch B. Norum, Professor/Chairman, Soils Department, North Dakota State  
University, Fargo  
Lawrence Tangney, Representing Edinger Dam, Cathay  
Rees J. Price, Edinger Dam Landowner, Fessenden  
Daris D. Bittner, Wells County Commissioner, Cathay  
Delmer L. Hagen, Edinger Dam Area Landowner, Cathay  
Elvin Maxwell, Edinger Dam Area Landowner, Fessenden

Conrad Sellie, Edinger Dam Area Landowner, Cathay  
 H. J. Edinger, Edinger Dam Area Landowner, Cathay  
 Thor L. Bollingberg, Edinger Dam Area Landowner, Cathay  
 Walter Schulz, Edinger Dam Area Landowner, Fessenden  
 Donald D. Frost, Garrison Diversion Conservancy District, Harvey  
 Jerry Schroeder, Wells County Water Management District, Harvey  
 L. C. Loerch, Harvey  
 Norman Rudel, Wells County Water Management District, Fessenden  
 Arley Running, Harvey Wildlife Club, Harvey  
 Harold Scheer, Hamberg Gun Club, Fessenden  
 Donald Newman, Hamberg Gun Club, Hamberg  
 Erwin Pfoor, Hamberg Gun Club, Hamberg  
 Paul Klindworth, Hamberg Gun Club, Hamberg  
 Earl Zumpf, Wells County Park Board, Hamberg  
 Harry Johnson, Hamberg Gun Club, Hamberg  
 Gerald Johnson, Fessenden City Park Board, Fessenden  
 Maynard Wahl, City of Fessenden, Fessenden  
 Elmer Severson, City of Fessenden, Fessenden  
 Albert E. Reddig, Cathay  
 Don Janssen, City of Fessenden, Fessenden  
 Marvin Helm, Cathay  
 Fred Reddig, Cathay  
 Norman E. Kessler, Fessenden Civic and Commerce, Fessenden  
 Lemore Greenshields, Dunn County Water Management District, Dodge  
 H. R. McKenzie, Extension Service, Beulah  
 Vic A. Lington, Consolidation Coal Company, Minot  
 Robert L. Stroup, State Senator, Hazen

MINUTES OF DECEMBER 2, 1971  
 MEETING APPROVED

be approved as circulated. Commissioner Hanson seconded the motion and all voted aye.

It was moved by Commissioner Kramer that the reading of the minutes of the December 2, 1971 meeting be dispensed with and they

FINANCIAL STATEMENT FOR  
 MONTH OF DECEMBER, 1971

of December, 1971. He commented on the status of the various accounts noting that all of the accounts excluding Salaries lagged one month on the report, while Salaries lags two months.

Matt Emerson, Assistant Secretary for the State Water Commission, presented the financial statement for the month

After reviewing the accounts, Commissioner Hanson moved that the financial statement of the State Water Commission for the month of December, 1971 be accepted as presented. Commissioner Gray seconded and all members voted aye.

Vice Chairman Gallagher enters the meeting.

At this time, Secretary Hoisveen noted that whenever a Commissioner or Water Commission employee performs an outstanding task or has performed his duties in an outstanding manner for a 10-year period of time, some type of an award is presented to them. He noted that the staff had been assembled earlier for the Governor's presentation, but it still gives him a privilege to present to Vice Chairman Richard Gallagher an award for his ten years of service with the Commission as a Commissioner. Secretary Hoisveen called attention to Mr. Gallagher's outstanding performance on the Missouri Basin Inter-Agency Committee and also his activities on the National Water Resources Association Resolution Committee. Vice Chairman Gallagher was presented an engraved wall plaque adorned also with a golden gavel.

REQUEST FOR FINANCIAL ASSISTANCE  
RELATIVE TO RECTIFYING A PROBLEM  
CREATED BY THE CANADIAN DIKE  
OPPOSITE PEMBINA COUNTY  
(#1401)

Secretary Hoisveen stated that the Commission has received a request from the Pembina County Water Management District by the Ad Hoc Committee for assistance in cost participation for work done correcting the flood problem

caused by the Canadian dike in Old Morais area in Section 29, Township 164, Range 52, Pembina County. The total cost of the project is \$340, of which 50 percent state participation is requested, making the total state costs \$170.

Commissioner Gray moved that the State Water Commission participate in the amount of \$170, or 50 percent of the total cost of \$340, for the above work that was completed. Commissioner Jungroth seconded and all members voted aye.

REQUEST FROM SWEETWATER-DRY  
LAKE WATER MANAGEMENT DISTRICT  
PERTAINING TO AGRICULTURAL LAND  
PROTECTION IN THE TOWNER-RAMSEY-  
CAVALIER COUNTIES  
(#722)

Secretary Hoisveen reviewed the background of this project briefly, showed the exact location on a map, and noted that a request to the Commission from the Sweetwater-Dry Lake Water Management District had been received for state participation of 40 percent, for a total of approximately

\$500,000. They have also requested assistance in the project by providing Commission engineering and designs for the channel. The channel plan would consist of routing the St. Joe Coulee west to Calio Coulee, diverting these two west into the north end of Lake Alice. It would include the counties of Towner, Ramsey and Cavalier. It would also include a proposal of constructing a legal drain from south of Lake Irvine beginning at Mauvais Coulee and proceeding east four miles. They are requesting channel designs and cost estimates, and also cost participation.

The U. S. Bureau of Sport Fisheries and Wildlife have been contacted in regard to a portion of this project and they have no objections, in fact they seem to favor the project. It would reduce botulism which in turn would reduce the frequent duck kill. Secretary Hoisveen pointed out that this would be a separate project from the Starkweather Watershed project.

Secretary Hoisveen noted that the three counties have approved of this project, Towner County being rather reluctant up until recently. The owners of this land are John Elesperger and John Magnuson. The Bureau of Sport Fisheries and Wildlife have showed a great deal of interest in purchasing this land in the future. This purchase would greatly enhance the Lake Alice area where so much botulism has occurred.

He stated that the drainage moratorium is still in effect in this area, but the ditch proposed would be contrary to the drainage moratorium. He stated that he felt that this project would be rather an expensive project.

After further discussion of the project, Commissioner Kramer moved that the State Water Commission not commit to cost participation at this time and that Secretary Hoisveen be authorized to advise his staff to make a survey and study of the area, but that the environmental aspects such as possible drainage be included in the study. Commissioner Jungroth seconded the motion and all voted aye.

Governor Guy noted at this time that he had been contacted by Gordon Berg and Representative Charles Mertens about the possibility of including Cavanaugh Lake, which is a mile south of Webster, North Dakota, in a recreational development project. They are interested in the Lake for several reasons 1) in the continuing attempt to solve the drought and flooding problems in the Starkweather Watershed, and 2) to stabilize the lake for fishing and other water-based recreation. There is, at present, a small recreation area on the southeast shore of the lake operated by a local sportsmen group. He noted that some years the lake is ideal potato land and other years it has fish in it. The Governor requested that this proposal be reviewed to see if there is legitimate reason for any or several state agencies to be involved in whatever is needed in the way of diversion ditches or water-level control structures to make a state-sponsored project out of it.

DEVILS LAKE BOARD OF PARK  
COMMISSIONERS REQUEST FOR  
ASSISTANCE IN ESTABLISHING  
A RECREATION AREA ADJACENT  
TO DEVILS LAKE  
(#1564)

Secretary Hoisveen read a letter received from Mr. George Engelhard, President of the Board of Park Commissioners of Devils Lake, requesting the State Water Commission for assistance in planning and the preparation for an overall master plan for the recreation area at Lakewood Beach

of Devils Lake. He stated that if the Commission is authorized to proceed with the planning of the recreational facilities, an application can be processed to the State Outdoor Recreation Agency for possible Bureau of Outdoor Recreation funding. He noted that we have participated in a number of other recreational projects. They are not looking for cost participation at this time, only for assistance in guiding and planning of the project. It was Secretary Hoisveen's recommendations that we proceed in this project.

Commissioner Jungroth moved that the State Water Commission assist in the planning and preparation of the Lakewood Beach project. Commissioner Dahl seconded and all members voted aye.

EROSION PROBLEM NEAR  
INTERSTATE 94 AND A  
REQUEST FOR ASSISTANCE  
MADE BY COMMISSIONER WALTER  
HJELLE, STATE HIGHWAY DEPARTMENT,  
IN OBTAINING A SOLUTION TO THE  
PROBLEM  
(#576-7-D)

Secretary Hoisveen read a letter from Commissioner Walter Hjelle, State Highway Department, which he had written to Governor William L. Guy, calling his attention to a severe bank erosion problem that the State Highway Department is encountering on the Missouri River directly east of Mandan. Secretary Hoisveen showed the location on a map. They are concerned

that Interstate 94 will be endangered and that they will lose a large portion of the scenic area adjacent to Interstate 94. The scenic area is a great asset from the standpoint of highway beautification and will also be used eventually as an ecological area for the preservation of the natural environment. This area is perhaps the only undisturbed public area between the Garrison Dam and the Oahe Reservoir in which the natural floodplain has been preserved. Commissioner Hjelle noted that the matter had been brought to the attention of the Corps of Engineers in Omaha and that numerous other contacts have been made with various other agencies. Since none of these contacts have brought about action, the State Highway Department is requesting the Governor to use his good influence in bringing about immediate remedial action.

Secretary Hoisveen noted that he had received a request from the Corps of Engineers to contact Senator Milton R. Young regarding the bank stabilization projects. Secretary Hoisveen endeavored to call him and shortly thereafter received a telegram from William Wright, Assistant to Senator Young, stating that the Senator no longer had any interest in the project, as he has only received criticism for what he has tried to do, and cannot please anyone.

In view of the situation, Secretary Hoisveen traveled to Fargo and contacted Senator Burdick. He immediately got out telegrams to the Corps of Engineers and Washington officials involved.

Vice Chairman Gallagher moved that the Commission direct Secretary Hoisveen to continue his activities with Senator Burdick to try to secure authorization for U. S. Army Corps of Engineers funds to stabilize the Missouri River banks and the Sandstone Bluff area south of Stanton. Commissioner Hanson seconded and all members voted aye.

Vice Chairman Gallagher moved the adoption of Resolution No. 72-1-313, Emergency Missouri River Bank Stabilization, to request Senator Burdick to seek authorization for bank stabilization with priority to the stretch between the Oahe and Garrison Reservoirs. Commissioner Kramer seconded the motion and all members voted aye. (See Appendix "A")

EDINGER DAM  
 (#1537)

Secretary Hoisveen gave a brief history of the proposed Edinger Dam. He noted that hearings and meetings have been held with the locals. There are quite a number of proponents and a few opponents of the project on hand for an audience with the State Water Commission. John Greenslit, State Outdoor Recreation Agency, was also on hand for this appearance. The local project proponents are having much difficulty in acquiring land, and the target date has been set for January 30, 1973. Mr. Greenslit was of the opinion that the Bureau of Outdoor Recreation would require access to the entire reservoir area.

Governor Guy asked the project opponents to appear before the Commission. The following gentlemen were in attendance as opposing the construction of Edinger Dam: Lawrence Tangney, representing Edinger Dam, Cathay; Rees J. Price, Edinger Dam Landowner, Fessenden; Delmer L. Hagen, Edinger Dam Area Landowner, Cathay; Elvin Maxwell, Edinger Dam Landowner, Fessenden; Conrad Sellie, Edinger Dam Area Landowner, Cathay; H. J. Edinger, Edinger Dam Area Landowner, Cathay; Thor L. Bollingberg, Edinger Dam Area Landowner, Cathay; Walter Schulz, Edinger Dam Area Landowner, Fessenden; and Daris D. Bittner, Wells County Commissioner, Cathay, who was in attendance only for information and question purposes.

Delmer Hagen was the spokesman for the group. He introduced his group of opponents. Mr. Hagen said that there are presently two dams in Wells County, one at Sykeston and one at Harvey, and they do not feel there is need for another one. For the number of people who do fishing and participate in water sports, camping, etc., these two dams are sufficient. He stated that they only found out about the Commission meeting several days before, therefore permitting them to bring more opponents along. There could have easily been a couple of car loads. These farmers do not want to part with their farmland, because it is real good farm and pasture land. There are 462 acres of surface acres in the reservoir and 161 acres are being taken from one landowner alone. Three hundred ninety-six (396) acres is tillable land. He stated that no fresh water would be coming into the lake.

Each opponent had an opportunity to speak for himself in opposition to the construction of the proposed dam. Elvin Maxwell, landowner from Fessenden, said there would be no access to the river; Conrad Sellie, landowner from Cathay, stated that he rents state land, it would be a bad location for young farmers getting started, and that he didn't want all of these people around his farm because every time he left the farm he would have to lock up. H. J. Edinger, landowner from Cathay, and also the proposed dam will be named after him, said that the dam will cut up five quarters of his land, cuts his buildings in half, he didn't like the way the County went about getting the signatures for the petition, the county will lose young farmers and will also lose much stock. He is not actually opposed to the dam, but it is the size of the dam. Thor Bollingberg, landowner from Cathay, feels that the loss of stock and land will be great; Walter Schulz, landowner from Cathay, stated that he doesn't want his land taken for parking space, which will be needed, and he also feels that he will have to lock up

his farm when he leaves. Lawrence Tangney, stated that the proposed dam will lose many young farmers in the area, which he hates to see happen.

John Greenslit from the State Outdoor Recreation Agency was called upon to answer several questions which had been raised. Mr. Greenslit pointed out the location of the proposed Edinger Dam to the group. He also stated that the land acquisition as proposed are down to the bare minimum requirements for federal assistance. If these federal requirements are not met, the project will never become a reality.

Mr. Edinger asked Mr. Greenslit why his buildings have to be split in half. Mr. Greenslit replied that he feels there has been some misunderstanding on Mr. Edinger's part, and that they will not take his buildings in half. He feels that the local landowners should meet with the County Commissioners and the Water Management District to try and iron out these misunderstandings. The opponents state that they have never been invited to a public meeting with the County, and that they are being left out. The point was raised that they have been invited to the County's public meetings. Mr. Tangney requested from the State Water Commission that an extension of time be granted in order to give these opponents a chance to meet with the County officials.

Governor Guy thanked the opponents for sharing their opinions with the Commission. He then called the proponents to meet with the Commission. The following gentlemen were in attendance as proponents of the proposed Edinger Dam: L. C. Loerch, Harvey; Arley Running, Harvey Wildlife Club, Harvey; Harold Scheer, Hamberg Gun Club, Fessenden; Donald Newman, Hamberg Gun Club, Hamberg; Erwin Pfoor, Hamberg Gun Club, Hamberg; Paul Klindworth, Hamberg Gun Club, Hamberg; Earl Zumpf, Wells County Park Board, Hamberg; Harry Johnson, Hamberg Gun Club, Hamberg, Albert E. Reddig, Cathay; Gerald Johnson, Fessenden City Park Board, Fessenden; Maynard Wahl, City of Fessenden, Fessenden; Elmer Severson, City of Fessenden, Fessenden; Albert E. Reddig, Cathay; Don Janssen, City of Fessenden, Fessenden; Marvin Helm, Cathay; Fred Reddig, Cathay; Norman E. Kessler, Fessenden Civic and Commerce, Fessenden; Donald D. Frost, Garrison Conservancy District, Harvey; Jerry Schroeder, Wells County Water Management District, Harvey; and Norman Rudel, Wells County Water Management District, Fessenden.

Mr. L. C. Loerch was the spokesman for the group. He stated that the people of Wells County have had to travel a good many miles for their recreation activities. Many of the people farming in the area are senior citizens and they enjoy relaxing in the winter, fishing in their ice houses. He feels that construction of the dam will keep our small towns alive and will attract more sportsmen in the county. From the economic standpoint, he feels that the dam should be built. Donald Newman, Hamberg Gun Club, Hamberg, feels that the land that will be in the reservoir area is not as valuable of land as the landowners feel, and the loss will not be that great. Paul Klindworth, Hamberg Gun Club, Hamberg, is unemployed and he would like to see the area developed for more fishing, as he enjoys fishing very much.

Jerry Johnson, Fessenden Park Board, feels that when we have a chance to get fresh water, we should take advantage of it. Elmer Severson, Postmaster of Fessenden, stated that projects of this type are important and necessary. Albert Reddig, farmer from Cathay, states that he has caught more fish out of Wells County than in Wells County, and he would like to see more and better fishing in the county. Donald Janssen, Mayor of the city of Fessenden, feels that this is a real good chance to receive fresh water and we should definitely take advantage of it. Marvin Helm from Cathay stated that he and his family enjoy water skiing and they have to go about 30 miles to enjoy this type of recreation. He was all enthused about the project from the first he heard about it, and definitely would like to see it become a reality. Each proponent was given an opportunity to express himself.

Commissioner Hanson asked how many of the proponents in the room owned land adjacent to the proposal. Norman Rudel, Wells County Water Management District, stated that he was the only one and owned 165 acres of land adjacent to both sides of the river.

Mr. Rudel was asked if these opponents and proponents had been contacted to attend the county meetings, and he stated that everyone had been contacted at one time or another and had been invited to attend their meetings and that they were open to the public at any time.

Daris Bittner, Wells County Commissioner, was asked how the County Commissioners felt regarding the project. He replied by stating that they were neutral in their decisions, but that they would have to go along with the majority of the county votes, but he personally feels that it would be an asset to the county.

After a considerable discussion, Governor Guy thanked the proponents for appearing before the Commission. The Commission had a discussion on the project, with some feeling that it should turn this project over to the County groups to be worked out more completely and be sure that there was no misunderstanding among everyone concerned before making a decision in the cost participation. Secretary Hoisveen was asked his recommendations and he stated that he was in favor of the proposal. The request for cost participation would be approximately \$90,000 with an allocation of State Outdoor Recreation Agency funds to the State Water Commission in the amount not to exceed \$15,000.

Commissioner Jungroth moved that the State Water Commission approve cost participation in the Edinger Dam project in an amount not to exceed \$90,000 contingent upon the approval of the Wells County Water Management District and the Wells County Commission.

Commissioner Gray moved that the State Water Commission agree to meet with the opponents of the Edinger Dam project after they have met

with the County Commissioners and the Wells County Water Management District and attempt to work out their problems further. Vice Chairman Gallagher seconded the motion and all voted aye.

PRESENTATION FROM KNIFE  
RIVER DEVELOPMENT COMMITTEE  
(#232)

Four members of the Knife River Development Committee made a presentation before the Commission: Senator Robert Stroup, Chairman, Hazen; H. R. McKenzie, Extension Service, Beulah; Vic A. Linington, Consolidation Coal Company, Minot; and Lemore Greenshields, Dunn County Water Management District, Dodge. One member, A. J. Dahlman, Zap rancher, was absent. Senator Stroup was the spokesman for the Committee. He presented a brief background of the Knife River Basin Plan and stated that the four gentlemen that are here today have been appointed as a Steering Committee for the Basin plan. They, in turn, will appoint Development Committees that will study the development possibilities emphasizing multi-purpose projects that can return benefits from available water now in the basin while awaiting results of the four-year West River Diversion study now underway. The last session of the North Dakota Legislature appropriated \$100,000 to study the West River Basin. The purpose of this study is to determine the feasibility of using Lake Sakakawea water to irrigate farmland in western North Dakota.

Senator Stroup told the Commission that their purpose here today is not seeking funds for the study, but merely to receive guidance and advice from the Commission, so they will feel that they are steering in the right direction. This Committee will appoint three Development Committees, which are: Agriculture Committee; Industrial, Municipal and Flood Control Committee; and Recreation and Wildlife Committee.

Vice Chairman Gallagher said he felt that this is an excellent study and by the Steering Committee reporting at intervals to the Commission, both parties will benefit greatly from the reports of progress. This is an opportunity we don't want to let slip by, and the Commission should do all in their power to assist and guide the Committee. We should not stop present development awaiting the West River study.

Mr. Linington, member of the Steering Committee, stated that the main reason he felt they were appearing before the Commission was merely to report their progress thus far and to receive the Commission's blessings. They were assured that everything the Commission could do for them would be done. He also noted that quite a few coal lands are being leased and there are plans for development in an area north of Beulah and Hazen. In the next ten years, possibly there will be mines in these areas.

Russell Dushinske, Executive Vice President of the North Dakota Water Users Association, stated that this Committee is to implement the Knife River Plan in the West River study.

Governor Guy suggested that the Committee meet with Keith Burkholder, State Planner. He makes a study of the plans presented to him and then routes them to the various agencies concerned in the project. He noted that all federal projects come first to the State Planner. Secretary Hoisveen stated that the State Planning Agency actively participated in all of the comprehensive basin water planning studies.

The Commission adjourned at 12:00 noon for lunch and reconvened at 1:30 p.m.

REQUEST BY NORTH DAKOTA STATE  
UNIVERSITY FOR COST PARTICIPATION  
IN SOILS STUDY IN ACCORDANCE WITH  
PROPOSAL  
(#322)

Dr. Enoch B. Norum, Professor/Chairman of the Soils Department, North Dakota State University, Fargo, made a presentation before the Commission. His presentation was a request for state funding on a research project with the following three objectives of research: 1) To describe the water and temperature regimes of selected North Dakota soil-climate-plant-management combinations; 2) To relate plant performance to the conditions encountered under objective 1; and, 3) To relate soil and water quality characteristics to conditions encountered under objective 1. He stated that he had visited with Dr. Dale Anderson, Director of the Water Resources Research Institute. He noted the position of the Water Institute in respect to the State University and stated that it was federally funded.

Governor Guy was a little concerned over the fact that there is no pattern of accomplishment by this study presented at this time. It needs to be weaved into an accomplishment pattern and there should be some type of comprehensive planning basis by which to go on, not just making a request because the money is available.

Vice Chairman Gallagher stated that it was his understanding that the two North Dakota Universities were designated at one time to do research upon which the State Water Commission could rely on for consulting purposes rather than have to contact such Universities as Stanford, etc.

Dr. Norum noted that his staff is already funded for Salaries for the Fiscal Year, but he is requesting \$170,000 to enlarge this study. He will be presenting this proposal to the Water Institute in the next few days for their consideration, also. Dr. Norum, in his proposal, listed three priorities: Priority 1 includes: 10 rain gauges, 10 hygrothermographs, 12 water level recorders, 1 neutron probe, 2 ovens and 2 potentiometers, for a total of \$15,000. Priority 2 includes: 1 weighing lysimeter for evaluation of methods for calculating potential evapo-transpiration from climatic data for a total of \$5,000. Priority 3 amounted to \$13,800.

After much discussion of the research study, Commissioner Gray moved that the State Water Commission participate fully in these equipment priorities 1 and 2 listed in

an amount not to exceed \$20,000. Commissioner Hanson seconded and all members voted aye.

Governor Guy thanked Dr. Norum for speaking before the Commission and said that he would be receiving approval correspondence in the next few days regarding the Commission's decision.

Governor Guy noted to the Commission that he is taking the liberty of asking the State Planner to analyze this project. There needs to be some research done on it and it has to be started somewhere. He thought that all of the state agencies should annually get together and state the applied research and coordination of all of the state agencies. The Governor will also contact the Water Resources Research Institute and see if this is the logical department to evaluate what has been done in planning of this project, so it won't be repeated as far as water is concerned, and give us some recommendations.

Chairman Gallagher presided.

Governor Guy left the meeting and Vice

NEEDED RESEARCH RELATIVE TO  
DRAINAGE PROJECTS IN NORTH  
DAKOTA  
(#1053)

Secretary Hoisveen asked Alan Grindberg, Assistant Chief Engineer, to present to the Commission a report on the state drainage problems. He reviewed a memorandum that had been prepared at an earlier

date. He stated that just about every meeting he attends the question of drainage arises. He stated that he is unable to find support for his statements and feels that an over-all state drainage research study should be conducted. He also feels that a completely subjective study on the total amount of drainage that has been done in the state would be very helpful. This study would note the correlation between drainage and flooding in most of the state basins. If the drains do cause considerable flooding, this should be a known fact so that drainage could be stopped until such time when a balancing program has been put into effect. If these drains do not cause flooding, we should know this, too, so that we could counter the criticism which we receive.

He further commented that a seminar is being tentatively planned for March of this year, whereby as many people as possible who are professionals in this type of thing will be invited to the seminar to try and get something started on the study. These people will be representatives from the two North Dakota Universities, Agricultural Research Service, the U. S. Geological Survey and some other agencies.

such a research study developed.

The Commission was all in favor of seeing

LETTERS SENT TO NORTH DAKOTA  
CONGRESSIONAL DELEGATION PERTAINING  
TO ACTION NEEDED REGARDING  
CANADIAN DIKE PROBLEM  
(#1401)

Secretary Hoisveen read a letter written to the Congressional Delegation from Governor William L. Guy, along with a copy of the Resolution passed by the

State Water Commission at their December 2, 1971 meeting. He commented briefly on the status of the situation along the United States-Canadian border.

POSSIBILITY OF FORWARDING  
A LETTER OF INTENTION TO  
THE CORPS OF ENGINEERS  
INDICATING THE STATE WATER  
COMMISSION AND POSSIBLY  
OTHER AGENCIES FINANCIAL  
PARTICIPATION IN OUTDOOR  
RECREATION FACILITIES AT  
THE PEMBILIER RESERVOIR SITE  
(#567)

Secretary Hoisveen stated that a meeting had been held by the State Outdoor Recreation Agency and one of the items on the agenda was the need for cost participation in certain features of the Pembilier Dam, especially as applied to recreation. He stated that the State Water Commission does have a practice of participating in federal projects to the extent of its capabilities. He mentioned a case in point as the Bowman-Haley Dam

project, stating just how they participated in the project. He noted that a solution is far from resolving the Canadian dike problem that exists adjacent to the Pembina and Cavalier Counties. If the State Department would recommend the Pembilier Dam construction, that would be considerable assistance in making the solution possible. Indications are that the Corps of Engineers are coming up with an added recreation potential, however, local entities are required to pay 50 percent of the recreation facilities costs. Along with this, the Corps of Engineers plans to purchase 18,000 acres, and additional land as game enhancement. The Corps of Engineers have requested a letter from the State Water Commission stating that the Water Commission and other agencies are considering the possibility of cost participation on the recreation features of the dam. We are eligible to participate in the recreation portion of the project. He noted that this project is approximately five or six years in the future.

After considerable discussion, Commissioner Gray moved that Secretary Hoisveen be authorized to write to the Corps of Engineers and indicate cost participation by the State Water Commission and other state agencies is very probable. Commissioner Hanson seconded the motion and all members voted aye.

PROPOSED RULES AND  
REGULATIONS FOR  
STATE WATER COMMISSION

Alan Grindberg apologized for Cliff Jochim who was to present the proposed rules and regulations to the Commission. Mr. Jochim had to attend a session of the Constitutional

Convention so was unable to attend this portion of the meeting. Mr. Grindberg was filling in for him and he noted that each Commissioner had a copy of the proposed rules and regulations for the State Water Commission and he was to review them, and at a future meeting of the Commission, they would be discussed.

BUFORD-TRENTON IRRIGATION  
PROJECT STATUS  
(#222)

Secretary Hoisveen stated that each Commissioner had a copy of the memorandum written by Milton Lindvig, Ground-Water Engineer for the Water Commission, on

the status of the Buford-Trenton project. He depicted the problem area on a map

and briefly explained the situation. He stated that the Corps of Engineers will pay them for the land and it is quite possible that negotiations will be commenced in the near future.

INFORMATION FROM DEPARTMENT  
OF THE INTERIOR CONCERNING  
WATER AND RELATED COAL  
RESOURCES IN MONTANA, WYOMING  
AND NORTH DAKOTA  
(#1495)

Secretary Hoisveen noted to the Commission that in their folders there are copies of letters received by Harold Aldrich, Regional Director of the U. S. Bureau of Reclamation in Billings, Montana, regarding the energy companies indicated interest in water service for coal resources development in Montana north of the Yellowstone River or in the Dakotas west of the Missouri River. It merely shows where the energy companies are attempting to obligate the coal supplies in the states.

COMMISSION MEMBERS' DESIRE  
REGARDING A DISCUSSION BY  
DR. THOR A. HERTSGAARD,  
PROFESSOR AT NDSU, RELATIVE  
TO THE NORTH DAKOTA-MINNESOTA  
INTERDEPENDANCY STUDY

Secretary Hoisveen asked the Commission if it was their desire to invite Dr. Thor A. Hertsgaard, Professor at North Dakota State University, Fargo, to their next Commission meeting to report on the North Dakota-Minnesota Interdependency Study. It was the consensus of the

Commission to do this.

REQUEST FROM BARNES COUNTY  
COMMISSIONERS FOR STATE  
PARTICIPATION IN A SNAGGING  
AND CLEARING PROJECT WITHIN  
THE BOUNDARIES OF BARNES COUNTY  
BELOW THE BALDHILL RESERVOIR  
(#568)

Secretary Hoisveen reported that he had received a request during a meeting with the Barnes County Commissioners for state cost participation in a snagging and clearing project to be performed within the boundaries of Barnes County below Baldhill Reservoir on the Sheyenne River. The total cost of the project

would be approximately \$20,000 and state participation would be 50 percent for a total not to exceed \$10,000.

Commissioner Gray moved that the State Water Commission participate 50 percent with the Barnes County Commissioners in a snagging and clearing project to be performed within the boundaries of Barnes County below Baldhill Reservoir on the Sheyenne River in an amount not to exceed \$10,000. Commissioner Jungroth seconded and all members voted aye.

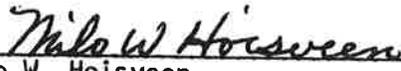
WATER PERMIT NOS.  
1809 and 1810

Secretary Hoisveen presented two water permits to the Commission for consideration. It was the recommendation of the

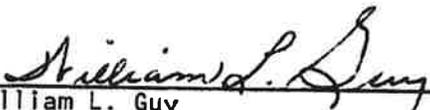
State Engineer that these water permits be approved.

It was moved by Commissioner Hanson, seconded by Commissioner Kramer and carried that the two water permits be approved as presented subject to such conditions as indicated on the permit. (See Appendix "B")

There being no further business to come before the Commission, Commissioner Kramer moved and Commissioner Gray seconded that the meeting adjourn. All members voted aye. The meeting was adjourned at 4:10 p.m.

  
\_\_\_\_\_  
Milo W. Hoisveen  
Secretary

ATTEST:

  
\_\_\_\_\_  
William L. Guy  
Governor-Chairman

## APPENDIX "A"

## RESOLUTION 72-1-313

## Emergency Missouri River Bank Stabilization

WHEREAS, the U. S. Army Corps of Engineers has performed certain bank protective works in the free flowing reach of the Missouri River between the Oahe Reservoir and the Garrison Dam; and

WHEREAS, these protective works have been highly successful in curtailing bank erosion; and

WHEREAS, unusually highly fluctuating releases have and are being made from the Garrison Reservoir exposing river banks in the following areas to severe erosion: (1) Sandstone Bluff (2) River Mile 1366.5 (3) Interstate 94 (4) Burnt Creek Outlet (5) River Mile 1323.0 (6) River Mile 1326.5 (7) Pretty Point (8) River Mile 1335.7 - 1334.5 (9) River Mile 1341.0 (10) River Mile 1345.2 (11) Knife River Outlet, 2 parts; and (12) Fort Lincoln.

NOW, THEREFORE, BE IT RESOLVED that the North Dakota State Water Commission in its meeting held in Bismarck, North Dakota, on this 10th day of January, 1972, request Senator Quentin N. Burdick to submit legislation requesting the proper Committees to take prompt action to provide funds for bank stabilization on the above areas and that the areas be protected in a sequence of priority in which the erosion problems occur with the greatest severity.

FOR THE NORTH DAKOTA STATE WATER COMMISSION:

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

SEAL

ATTEST:

/S/ Milo W. Hoisveen  
 Milo W. Hoisveen  
 Secretary

WATER PERMITS FOR JANUARY 10, 1972 AGENDA

NO.	NAME AND ADDRESS	SOURCE	PURPOSE	AMOUNT REQUESTED	COMMENTS & RECOMMENDATIONS
1810	Sadowsky, Robert- Manning (Dunn County)	Unnamed Intermittent Draw, trib. to Crooked Creek and the Knife River	Irrigation- Waterspreading	122.0 acre-feet 61.0 acres	61.0 acre-feet 61.0 acres
1809	Magilke, Kenneth J.- Solen (Sioux County)	Beaver Creek, trib. to Missouri River	Irrigation- Waterspreading	50.0 acre-feet storage 45.0 acre-feet annual use	50.0 acre-feet storage 45.0 acre-feet annual use

NORTH DAKOTA STATE WATER COMMISSION  
 FINANCIAL STATEMENT DECEMBER 31, 1971  
 1971-73 APPROPRIATIONS

C5-1.2

	Available Funds		Disbursements		Account Balances		
APPROPRIATION	RECEIPTS	TO DATE	Dec. '71	UNEXPENDED	ENCUMB.	UNENCUMB.	
<b>GENERAL OPERATIONS: ACCOUNT</b>							
1001-Salaries Expense (1)	\$ 919,621.00	\$ -	\$181,111.97	\$ 35,139.72	\$ 738,509.03	\$ -	\$ 738,509.03
2001-Fees & Services	162,625.00	-	32,845.60	5,254.71	129,779.40	-	129,779.40
2051-Data Processing	4,500.00	-	1,232.72	533.71	3,267.28	-	3,267.28
3001-Supplies & Materials	163,600.00	-	27,257.02	4,115.15	136,342.98	-	136,342.98
4001-Equipment	25,000.00	-	530.45	-	24,469.55	-	24,469.55
7701-Red Basin Comm.	<u>60,000.00</u>	<u>-</u>	<u>15,149.17</u>	<u>-</u>	<u>44,850.83</u>	<u>-</u>	<u>44,850.83</u>
<b>TOTAL GENERAL OPERATIONS</b>	<b>\$1,335,346.00</b>	<b>\$ -</b>	<b>\$258,126.93</b>	<b>\$ 45,043.29</b>	<b>\$1,077,219.07</b>	<b>\$ -</b>	<b>\$1,077,219.07</b>
7721-West River Div.	\$ 100,000.00	\$ -	\$ 8,879.05	\$ 2,450.96	\$ 91,120.95	\$ -	\$ 91,120.95
<b>CONTRACT FUND:</b>							
336-770-Contract "Cash" \$1,000,000							
Contract Collections 900,000 \$1,900,000.00							
Collections to Date		\$264,550.98					
Transfer from 001 to 336		100,000.00					
			\$315,752.14	\$ 63,764.52	\$1,584,247.86	\$ -	\$1,584,247.86
<b>TOTAL CONTRACT FUND</b>	<b><u>\$1,900,000.00</u></b>	<b><u>\$364,550.98</u></b>	<b><u>\$315,752.14</u></b>	<b><u>\$ 63,764.52</u></b>	<b><u>\$1,584,247.86</u></b>	<b><u>\$ -</u></b>	<b><u>\$1,584,247.86</u></b>
<b>GRAND TOTALS</b>	<b><u>\$3,335,346.00</u></b>	<b><u>\$364,550.98</u></b>	<b><u>\$582,758.12</u></b>	<b><u>\$111,258.77</u></b>	<b><u>\$2,752,587.88</u></b>	<b><u>\$ -</u></b>	<b><u>\$2,752,587.88</u></b>

(1) Includes \$88,550.00 Federal Grants

## NORTH DAKOTA STATE WATER COMMISSION

PAYROLL - NOV. 1971\*

<u>NAME</u>	<u>POSITION</u>	<u>REMARKS</u>	<u>GROSS</u>
HOISVEEN, MILO W.	STATE ENGINEER	INC. JULY '71	\$ 1,825.00
BAESLER, GORDON	WATER RIGHTS TECHNICIAN	INC. JULY '71	810.00
BALLIET, ALLEN	RODMAN	INC. JULY '71	535.00
CHRISTENSEN, RAYMOND	ENGR. TECHNICIAN	INC. JULY '71	820.00
DALLY, ANTOINETTE	STENOGRAPHER	INC. JULY '71	400.00
EMERSON, MATT	ASSISTANT SECRETARY	INC. JULY '71	1,145.00
FROELICH, LARRY	GEOLOGIST	INC. JULY '71	965.00
GALLAGHER, RICHARD	COMMISSIONER	STA. JULY '61	90.00
GEHRING, OSCAR	LAB TECHNICIAN	INC. JULY '71	625.00
GRAY, GORDON	COMMISSIONER	STA. JULY '70	60.00
GRINDBERG, ALAN	ASST. CHIEF ENGINEER	INC. JULY '71	1,550.00
GRUNSETH, ARLAND	INVESTIGATIONS ENGINEER	INC. JULY '71	1,090.00
HANSON, HAROLD	COMMISSIONER	STA. JULY '65	75.00
HANSON, WILLIAM	DRAFTSMAN	INC. JULY '71	525.00
HEUPEL, MILTON	CONSTRUCTION ENGINEER	INC. JULY '71	1,175.00
HOETZER, STEVE	DESIGN ENGINEER	STA. AUG. '71	850.00
JACOBSON, HUGH	ASSISTANT DRILLER	INC. JULY '71	565.00
JOCHIM, CLIFFORD	ATTORNEY	INC. JULY '71	1,285.00
KLAPPRODT, LEROY	DRAFTSMAN	STA. OCT. '71	475.00
KLING, THOMAS	SOILS TECHNICIAN	STA. SEPT. '71	210.00
KNOLL, JAMES	OPERATOR	INC. JULY '71	590.00
KNUTSON, LEWIS	DRILLER	INC. JULY '71	745.00
KOCH, KAY	ACCOUNTANT	INC. JULY '71	300.00
KOTTSICK, ROSALIE	STENOGRAPHER	INC. JULY '71	355.00
LINDVIG, MILTON	GROUND-WATER ENGINEER	INC. JULY '71	1,200.00
LOCKEN, SHARON	CHIEF STENOGRAPHER	INC. JULY '71	615.00
MEES, LADARANA	FIELD ENGINEER	INC. JULY '71	840.00
MILLIGAN, DEBBIE	OJT STENO	STA. OCT. '71	67.50
MURI, GARVIN	CHEMIST	INC. JULY '71	890.00
NAPLIN, CHARLES	GEOLOGIST	INC. JULY '71	915.00
NEAL, DEAN	LAB TECHNICIAN	STA. SEPT. '71	67.50
NELSON, C. P.	DRAINAGE ENGINEER	INC. JULY '71	1,140.00
OHNSTAD, DONALD	PLANNING ENGINEER	INC. JULY '71	1,060.00
PUTZ, ROY	OFFICE ASSISTANT	INC. JULY '71	500.00
SACKMAN, EUGENE	SURVEYOR	INC. JULY '71	750.00
SCHMID, ROGER	GROUND-WATER HYDROLOGIST	INC. JULY '71	1,070.00
SCHULZ, DELTON	OFFICE ENGINEER	INC. JULY '71	1,290.00
SCOTT, LLOYD	CHIEF DRAFTSMAN	INC. JULY '71	745.00
SIEMS, MYRNA	STENOGRAPHER	INC. JULY '71	340.00
SPEAKS, GLENN	OPERATOR	INC. JULY '71	610.00
SWANSON, RONALD	PROJECT ENGINEER	INC. JULY '71	1,050.00
THOMAS, NELDA	DIR. OF INFORMATION	INC. NOV. '71	830.00
TILLOTSON, ANN	RESEARCH ASSISTANT	INC. JULY '71	475.00
ULRICH, ROGER	RODMAN	INC. JULY '71	490.00
WALTERSON, HOWARD	CONSTRUCTION SUPT.	INC. JULY '71	770.00
WELCH, CYNTHIA	STENOGRAPHER	STA. SEPT. '70	150.00
WERNER, ROBERT	DRAFTSMAN	INC. JULY '71	500.00
SWC GROUP INS. - 41			285.56
SWC RET-MATCHING			841.80
OASIS			36.41
SOCIAL SECURITY			545.95
			<u>\$35,139.72</u>

\*Pd. in Dec.

## NORTH DAKOTA STATE WATER COMMISSION

OBJECT BUDGET COMPARISON  
1971-1973 BIENNIUMJanuary 20, 1972  
SWC File C5-1.4

OBJ. CODE	OBJECT DESCRIPTION	Dec. 1971 EXPEND.	July 1, '71 Dec. 31, '71 EXPEND.	BUDGET	EXP. % OF
					BUDGET TIME
					STD. 25%***
					SAL. STD. 20.8%
1000	Salaries	\$33,430.00	\$168,766.86	\$840,121.00	19%
1820	OASIS	36.41	352.94	4,400.00	8%
1830	Social Security	545.95	4,233.74	34,000.00	12%
1840	Hospital Insurance	285.56	1,441.12	7,500.00	19%
1850	Workmen's Compensation	-	1,131.51	3,600.00	31%
1880	State Retirement	841.80	5,185.80	30,000.00	17%
	TOTAL SALARIES AND WAGES	\$35,139.72	\$181,111.97	\$919,621.00 (1)	20%
2110	Meals & Lodging	2,704.49	16,090.36	77,325.00	21%
2120	Personal Vehicle Mileage	478.69	2,475.66	8,000.00	31%
2130	Comm. Transportation	969.30	4,131.13	12,000.00	34%
2150	Misc. Travel	146.78	655.36	3,000.00	22%
2210	Water-Garbage	8.85	46.85	300.00	16%
2220	Natural Gas	-	76.17	1,000.00	8%
2230	Electricity	-	91.48	900.00	10%
2310	Rental - Equipment	25.00	166.59	2,500.00	6%
2360	Rent - Bldg. Space	-	20.00	500.00	4%
2410	Postage	107.80	763.22	4,000.00	19%
2420	Telephone	-	1,243.01	5,000.00	25%
2510	Repair Equipment	159.95	1,138.52	12,000.00	9%
2513	Maintenance Contracts	90.00	1,529.46	4,000.00	38%
2560	Repair Buildings & Grounds	35.00	35.00	1,000.00	4%
2612	Legal Fees	-	-	1,000.00	-
2613	Audit Fees	-	197.63	500.00	39%
2614	Engineering Fees	-	99.00	2,500.00	3%
2650	Consulting Fees	375.00	375.00	1,500.00	25%
2682	Photographer Fees	11.75	1,249.98	6,000.00	21%
2699	Misc. Professional Fees.	-	1,359.00	12,000.00	23%
2720	Property Insurance	-	-	700.00	-
2730	Liability Insurance	-	-	900.00	-
2911	Radio-Newspaper Fees	15.60	26.32	300.00	9%
2912	Rewards-Premiums	-	-	500.00	-
2914	License & Taxes	116.00	316.00	700.00	45%
2915	Dues	-	110.00	2,000.00	1%
2916	Freight	10.50	133.74	1,500.00	9%
2999	Miscellaneous	-	516.12	1,000.00	52%
	TOTAL FEES AND SERVICES	\$ 5,254.71	\$32,845.60	\$162,625.00	20%
2618	Data Processing	533.71	1,232.72	4,500.00	27%
	TOTAL DATA PROCESSING	\$ 533.71	\$ 1,232.72	4,500.00	27%
3100	Office Supplies	697.79	3,461.47	19,000.00	18%
3110	Data Processing Supplies	-	-	200.00	-
3120	Printing	438.75	795.95	20,000.00	4%
3130	Books, Maps, Subscriptions	250.00	700.70	5,000.00	14%

OBJ. CODE	OBJECT DESCRIPTION	Dec. 1971 EXPEND.	July 1, '71 Dec. 31, '71 EXPEND.	BUDGET	EXP. % OF BUDGET TIME STD. 25% ** SAL. STD. 20.8%
3132	Films	\$ 348.34	\$ 1,401.31	\$ 3,400.00	41%
3600	Hardware & Bldg. Supplies	472.93	7,969.17	50,000.00	16%
3700	Petroleum Supplies	1,118.85	7,315.28	35,000.00	21%
3800	Equipment Repair Parts	788.49	5,597.54	29,000.00	19%
3959	Miscellaneous	-	15.60	2,000.00	1%
	<b>TOTAL SUPPLIES &amp; MATERIALS</b>	<b>\$ 4,115.15</b>	<b>\$ 27,257.02</b>	<b>\$ 163,600.00</b>	<b>17%</b>
4100	Office Equipment	\$ -	179.00	1,500.00	12%
4300	Motor Vehicles	-	-	23,000.00	-
4400	Machines & Equipment	-	351.45	500.00	70%
	<b>TOTAL EQUIPMENT</b>	<b>\$ -</b>	<b>\$ 530.45</b>	<b>\$ 25,000.00</b>	<b>2%</b>
7701	Basins Commission	\$ -	\$ 15,149.17	\$ 60,000.00	25%
7721	West River Diversion	2,450.96	8,879.05	100,000.00	9%
	<b>TOTAL GENERAL OPER. APPROP.</b>	<b>\$ 47,494.25</b>	<b>\$ 267,005.98</b>	<b>\$ 1,435,346.00</b>	<b>19%</b>
5500	Contract Payments	63,764.52	315,752.14	\$ 1,900,000.00 (2)	17%
	<b>TOTAL STATE WATER COMM. BUDGET</b>	<b>\$ 111,258.77</b>	<b>\$ 582,758.12</b>	<b>\$ 3,335,346.00</b>	<b>17%</b>
(1)	Appropriation	\$831,071.00	(2)	Appropriation	\$1,000,000.00
	Federal Grant	88,550.00		Est. Contract	
		<u>\$919,621.00</u>		Fund Collection	900,000.00
					<u>\$1,900,000.00</u>

\*\* 6/24 months = 25 percent biennium elapsed

Dist:  
Comm.  
MWH  
AIG  
ME  
KK

NORTH DAKOTA STATE WATER COMMISSION\*\*\*\*\*FUNCTION SUMMARY FOR MONTH ENDING 12/31/71

FUNCTION NUMBER AND DESCRIPTION	CURRENT COST	COST TO DATE	PERCENT	BUDG
100 ADMINISTRATIVE AND LEAGAL	\$ 3,310.28	\$ 18,991.96	15.2 %	\$ 125,346
200 COMPREHENSIVE PLANNING	\$ 8,830.10	\$ 74,543.12	14.9 %	\$ 500,000
301 ENGINEER, INVESTIGATION, RESEARCH, SURVEY & DESIGN	\$ 4,896.31	\$ 26,398.80	26.4 %	\$ 100,000
302 METES & BOUNDS SURVEYS	\$ 46.75	\$ 46.75	.5 %	\$ 10,000
303 TEST BORINGS AT PROJECT SITES	\$ 157.97	\$ 1,178.76	11.8 %	\$ 10,000
304 SOIL ANALYSIS	\$ 876.18	\$ 7,590.44	25.3 %	\$ 30,000
305 HYDROLOGIC STUDIES	\$ .00	\$ .00	.0 %	\$ 30,000
306 DESIGN	\$ 4,416.51	\$ 22,617.42	26.6 %	\$ 85,000
307 RESEARCH	\$ .00	\$ 151.53	1.0 %	\$ 15,000
310 REPORT PUBLICATION	\$ .00	\$ .00	.0 %	\$ 15,000
311 GROUND WATER SURVEY-PRE PLANNING	\$ 996.35	\$ 4,810.89	17.8 %	\$ 27,000
312 GROUND WATER SURVEY-WATER RECORD	\$ 845.88	\$ 990.93	19.8 %	\$ 5,000
313 GROUND WATER SURVEY-GEOLOGICAL STUDIES	\$ .00	\$ .00	.0 %	\$ 3,000
314 GROUND WATER SURVEY-SUBSURFACE EXPLORATION	\$ 11,499.85	\$ 107,001.89	42.8 %	\$ 250,000
315 GROUND WATER SURVEY-QUALITY OF WATER WORK	\$ 2,409.00	\$ 17,094.00	34.2 %	\$ 50,000
316 GROUND WATER SURVEY-AQUIFER TEST & SPECIAL INV	\$ .00	\$ 24,761.20	24.8 %	\$ 100,000
317 GROUND WATER SURVEY-DATA COMPILATION & ANALYSIS	\$ 1,210.28	\$ 3,299.18	33.0 %	\$ 10,000
318 GROUND WATER SURVEY-RPT PREP & REVIEW	\$ 676.73	\$ 1,762.43	11.7 %	\$ 15,000
319 GROUND WATER SURVEY-SPECIAL INVESTIGATIONS	\$ 2,166.00	\$ 18,279.77	18.3 %	\$ 100,000
320 COOPERATIVE SURVEYS-GRND WATER, SUR WATER & TOPOG.	\$ .00	\$ 55,000.00	14.7 %	\$ 375,000
401 CONSTRUCTION-DAMS & RELATED APPURTENANCES	\$ 27,168.90	\$ 176,832.73	19.6 %	\$ 900,000
402 CONSTRUCTION-RECREATION FACILITIES	\$ .00	\$ 1,843.90	1.7 %	\$ 110,000
403 CONSTRUCTION-IRRIGATION FACILITIES	\$ .00	\$ .00	.0 %	\$ 10,000
404 CONSTRUCTION-FLOOD CONTROL	\$ 37,749.90	\$ 48,899.81	48.9 %	\$ 100,000
405 CONSTRUCTION-PILOT WELLS	\$ .00	\$ .00	.0 %	\$ 10,000
501 OP & MAINT-DAMS & RELATED APPURTENANCES	\$ 784.95	\$ 29,985.00	13.3 %	\$ 225,000
502 OP & MAINT-RECREATION FACILITIES	\$ .00	\$ .00	.0 %	\$ 5,000
503 OP & MAINT-IRRIGATION FACILITIES	\$ .00	\$ .00	.0 %	\$ 5,000
504 OP & MAINT-FLOOD CONTROL	\$ .00	\$ 4,056.88	3.5 %	\$ 115,000

*dit*  
*Common*  
*MWH*  
*AP*  
*me*  
*me*

TOTALS \$ 108,041.94 \$ 646,137.39\* 19.4 % \$3,335,346.

\* includes \$ 21,406.13 prior expenditures made in July '71 from '69-'71 appropriation

NORTH DAKOTA STATE WATER COMMISSION  
 FINANCIAL STATEMENT, JANUARY 31, 1972  
 1971-73 APPROPRIATIONS

C5-1.2

	Available Funds		Disbursements		Account Balances		
	APPROPRIATION	RECEIPTS	TO DATE	JAN. '72	UNEXPENDED	ENCUMB.	UNENCUMB.
GENERAL OPERATIONS: ACCOUNT							
1001-Salaries Expense (1)	\$ 919,621.00	\$ -	\$217,912.03	\$ 36,800.06	\$ 701,708.97	\$ -	\$ 701,708.97
2001-Fees & Services	162,625.00	-	38,692.19	5,846.59	123,932.81	-	123,932.81
2051-Data Processing	4,500.00	-	1,428.36	195.64	3,071.64	-	3,071.64
3001-Supplies & Materials	163,600.00	-	32,053.76	4,796.74	131,546.24	-	131,546.24
4001-Equipment	25,000.00	-	7,973.05	7,442.60	17,026.95	-	17,026.95
7701-Red Basin Comm.	<u>60,000.00</u>	-	<u>30,149.17</u>	<u>15,000.00</u>	<u>29,850.83</u>	-	<u>29,850.83</u>
TOTAL GENERAL OPERATIONS	\$1,335,346.00	\$ -	\$328,208.56	\$ 70,081.63	\$1,007,137.44	\$ -	\$1,007,137.44
7721-West River Div.	\$ 100,000.00	\$ -	\$ 11,155.63	\$ 2,276.58	\$ 88,844.37	\$ -	\$ 88,844.37
CONTRACT FUND:							
336-770-Contract "Cash" \$1,000,000							
Contract Collections 900,000 \$1,900,000.00							
Collections to Date		\$265,608.59					
Transfer from 001 to 336		100,000.00					
			\$422,617.54	\$106,865.40	\$1,477,382.46	\$ -	\$1,477,382.46
TOTAL CONTRACT FUND	<u>\$1,900,000.00</u>	<u>\$365,608.59</u>	<u>\$422,617.54</u>	<u>\$106,865.40</u>	<u>\$1,477,382.46</u>	<u>\$ -</u>	<u>\$1,477,382.46</u>
GRAND TOTALS	<u>\$3,335,346.00</u>	<u>\$365,608.59</u>	<u>\$761,981.73</u>	<u>\$179,223.61</u>	<u>\$2,573,364.27</u>	<u>\$ -</u>	<u>\$2,573,364.27</u>

(1) Includes \$88,550.00 Federal Grants

## NORTH DAKOTA STATE WATER COMMISSION

PAYROLL - DEC. 1971\*

<u>NAME</u>	<u>POSITION</u>	<u>REMARKS</u>	<u>GROSS</u>
HOISVEEN, MILO W.	STATE ENGINEER	INC. JULY '71	\$ 1,825.00
BAESLER, GORDON	WATER RIGHTS TECHNICIAN	INC. JULY '71	810.00
BALLIET, ALLEN	RODMAN	INC. JULY '71	535.00
CHRISTENSEN, RAYMOND	ENGR. TECHNICIAN	INC. JULY '71	820.00
DALLY, ANTOINETTE	STENOGRAPHER	INC. JULY '71	400.00
EMERSON, MATT	ASSISTANT SECRETARY	INC. JULY '71	1,145.00
FROELICH, LARRY	GEOLOGIST	INC. JULY '71	965.00
GALLAGHER, RICHARD	COMMISSIONER	STA. JULY '61	45.00
GEHRING, OSCAR	LAB TECHNICIAN	INC. JULY '71	625.00
GRAY, GORDON	COMMISSIONER	STA. JULY '70	45.00
GRINDBERG, ALAN	ASST. CHIEF ENGINEER	INC. JULY '71	1,550.00
GRUNSETH, ARLAND	INVESTIGATIONS ENGINEER	INC. JULY '71	1,090.00
HANSON, HAROLD	COMMISSIONER	STA. JULY '65	45.00
HANSON, WILLIAM	DRAFTSMAN	INC. JULY '71	525.00
HEUPEL, MILTON	CONSTRUCTION ENGINEER	INC. JULY '71	1,175.00
HOETZER, STEVE	DESIGN ENGINEER	STA. AUG. '71	850.00
JACOBSON, HUGH	ASSISTANT DRILLER	INC. JULY '71	565.00
JOCHIM, CLIFFORD	ATTORNEY	INC. JULY '71	1,285.00
JUNGROTH, JAMES	COMMISSIONER	STA. SEPT. '67	15.00
KLAPPRODT, LEROY	DRAFTSMAN	STA. OCT. '71	475.00
KLING, THOMAS	SOILS TECHNICIAN	STA. SEPT. '71	232.50
KNOLL, JAMES	OPERATOR	INC. JULY '71	590.00
KNUTSON, LEWIS	DRILLER	INC. JULY '71	745.00
KOCH, KAY	ACCOUNTANT	INC. JULY '71	300.00
KRAMER, ALVIN	COMMISSIONER	STA. JULY '70	45.00
LINDVIG, MILTON	GROUND-WATER ENGINEER	INC. JULY '71	1,200.00
LOCKEN, SHARON	CHIEF STENOGRAPHER	INC. JULY '71	615.00
MEES, LADARANA	FIELD ENGINEER	INC. JULY '71	840.00
MILLIGAN, DEBBIE	OJT STENO	STA. OCT. '71	98.75
MURI, GARVIN	CHEMIST	INC. JULY '71	890.00
NAPLIN, CHARLES	GEOLOGIST	INC. JULY '71	915.00
NEAL, DEAN	LAB TECHNICIAN	STA. SEPT. '71	111.00
NELSON, C. P.	DRAINAGE ENGINEER	INC. JULY '71	1,140.00
OHNSTAD, DONALD	PLANNING ENGINEER	INC. JULY '71	1,060.00
PUTZ, ROY	OFFICE ASSISTANT	INC. JULY '71	500.00
SACKMAN, EUGENE	SURVEYOR	INC. JULY '71	750.00
SCHMID, ROGER	GROUND-WATER HYDROLOGIST	INC. JULY '71	1,070.00
SCHULZ, DELTON	OFFICE ENGINEER	INC. JULY '71	1,290.00
SCOTT, LLOYD	CHIEF DRAFTSMAN	INC. JULY '71	745.00
SIEMS, MYRNA	STENOGRAPHER	INC. JULY '71	340.00
SPEAKS, GLENN	OPERATOR	INC. JULY '71	610.00
SVIHLA, ROSALIE	STENOGRAPHER	INC. JULY '71	355.00
SWANSON, RONALD	PROJECT ENGINEER	INC. JULY '71	1,050.00
THOMAS, NELDA	DIR. OF INFORMATION	INC. NOV. '71	830.00
TILLOTSON, ANN	RESEARCH ASSISTANT	INC. JULY '71	475.00
ULRICH, ROGER	RODMAN	INC. JULY '71	490.00
WALTERSON, HOWARD	CONSTRUCTION SUPT.	INC. JULY '71	770.00
WELCH, CYNTHIA	STENOGRAPHER	STA. SEPT. '70	150.00
WERNER, ROBERT	DRAFTSMAN	INC. JULY '71	500.00
SWC GROUP INS. - 41			285.56
SWC RET-MATCHING			1,241.80
SOCIAL SECURITY			1,775.45
			<u>\$36,800.06</u>

\*Pd. in Jan.

## NORTH DAKOTA STATE WATER COMMISSION

OBJECT BUDGET COMPARISON  
1971-1973 BIENNIUMFebruary 15, 1972  
SWC File C5-1.4

OBJ. CODE	OBJECT DESCRIPTION	JAN. 1972 EXPEND.	JULY 1, '71 JAN. 31, '72 EXPEND.	BUDGET	EXP. % OF BUDGET TIME	
					STD. 29.2%**	SAL. STD. 25.0%
1000	Salaries	\$ 33,497.25	\$202,264.11	\$ 840,121.00		24%
1820	OASIS	-	352.94	4,400.00		8%
1830	Social Security	1,775.45	6,009.19	34,000.00		18%
1840	Hospital Insurance	285.56	1,726.68	7,500.00		23%
1850	Workmen's Compensation	-	1,131.51	3,600.00		31%
1880	State Retirement	1,241.80	6,427.60	30,000.00		21%
	TOTAL SALARIES AND WAGES	\$ 36,800.06	\$217,912.03	\$ 919,621.00 (1)		24%
2110	Meals & Lodging	\$ 2,177.85	\$ 18,263.21	\$ 77,325.00		24%
2120	Personal Vehicle Mileage	219.10	2,699.76	8,000.00		34%
2130	Comm. Transportation	483.50	4,614.63	12,000.00		38%
2150	Misc. Travel	35.77	691.13	3,000.00		23%
2210	Water-Garbage	6.80	53.65	300.00		18%
2220	Natural Gas	57.56	133.73	1,000.00		13%
2230	Electricity	48.61	140.09	900.00		15%
2310	Rental - Equipment	25.00	191.59	2,500.00		8%
2360	Rent - Bldg. Space	-	20.00	500.00		4%
2410	Postage	91.54	854.76	4,000.00		21%
2420	Telephone	308.72	1,551.73	5,000.00		31%
2510	Repair Equipment	280.27	1,418.79	12,000.00		11%
2513	Maintenance Contracts	478.42	2,007.88	4,000.00		50%
2560	Repair Buildings & Grounds	-	35.00	1,000.00		4%
2612	Legal Fees	-	-	1,000.00		-
2613	Audit Fees	-	197.63	500.00		39%
2614	Engineering Fees	-	99.00	2,500.00		3%
2650	Consulting Fees	-	375.00	1,500.00		25%
2682	Photographer Fees	270.89	1,520.87	6,000.00		25%
2699	Misc. Professional Fees.	1,293.90	2,652.90	12,000.00		22%
2720	Property Insurance	-	-	700.00		-
2730	Liability Insurance	-	-	900.00		-
2911	Radio-Newspaper Fees	28.90	55.22	300.00		18%
2912	Rewards-Premiums	32.76	32.76	500.00		6%
2914	License & Taxes	7.00	323.00	700.00		46%
2915	Dues	-	110.00	2,000.00		1%
2916	Freight	-	133.74	1,500.00		9%
2999	Miscellaneous	-	516.12	1,000.00		52%
	TOTAL FEES AND SERVICES	\$ 5,846.59	\$ 38,692.19	\$ 162,625.00		24%
2618	Data Processing	\$ 195.64	\$ 1,428.36	\$ 4,500.00		31%
	TOTAL DATA PROCESSING	\$ 195.64	\$ 1,428.36	\$ 4,500.00		31%
3100	Office Supplies	\$ 936.00	\$ 4,397.47	\$ 19,000.00		23%
3110	Data Processing Supplies	-	-	200.00		-
3120	Printing	40.00	835.95	20,000.00		4%
3130	Books, Maps, Subscriptions	221.00	921.70	5,000.00		18%

OBJ. CODE	OBJECT DESCRIPTION	JAN. 1972 EXPEND.	JULY 1, '71 JAN. 31, '72 EXPEND.	BUDGET	EXP. % OF BUDGET TIME STD. 29.2%**
3132	Films	\$ 101.93	\$ 1,503.24	\$ 3,400.00	44%
3600	Hardware & Bldg. Supplies	619.27	8,588.44	50,000.00	17%
3700	Petroleum Supplies	1,638.49	8,953.77	35,000.00	26%
3800	Equipment Repair Parts	1,220.05	6,817.59	29,000.00	23%
3959	Miscellaneous	20.00	35.60	2,000.00	2%
	TOTAL SUPPLIES & MATERIALS	\$ 4,796.74	\$ 32,053.76	\$ 163,600.00	20%
4100	Office Equipment	\$ 924.00	1,103.00	\$ 1,500.00	73%
4300	Motor Vehicles	6,518.60	6,518.60	23,000.00	28%
4400	Machines & Equipment	-	351.45	500.00	70%
	TOTAL EQUIPMENT	\$ 7,442.60	\$ 7,973.05	\$ 25,000.00	32%
7701	Basins Commission	\$ 15,000.00	\$ 30,149.17	\$ 60,000.00	50%
7721	West River Diversion	2,276.58	11,155.63	100,000.00	11%
	TOTAL GENERAL OPER. APPROP.	\$ 72,358.21	\$339,324.19	\$1,435,346.00	24%
5500	Contract Payments	106,865.40	422,617.54	1,900,000.00 (2)	22%
	TOTAL STATE WATER COMM. BUDGET	\$179,223.61	\$761,981.73	\$3,335,346.00	23%

(1) Appropriation \$831,071.00  
 Federal Grant 88,550.00  
\$919,621.00

(2) Appropriation \$1,000,000.00  
 Est. Contract  
 Fund Collection 900,000.00  
\$1,900,000.00

\*\* 7/24 months = 29.2 percent biennium elapsed

Dist:  
 Comm.  
 MWH  
 ALG  
 ME  
 KK

NORTH DAKOTA STATE WATER COMMISSION\*\*\*\*\*FUNCTION SUMMARY FOR MONTH ENDING 01/31/72

FUNCTION NUMBER AND DESCRIPTION	CURRENT COST	COST TO DATE	PERCENT	BUDGET
100 ADMINISTRATIVE AND LEGAL	\$ 3,669.77	\$ 22,661.73	18.1 %	\$ 125,344
200 COMPREHENSIVE PLANNING	\$ 27,282.63	\$ 101,825.75	20.4 %	\$ 500,000
301 ENGINEER, INVESTIGATION, RESEARCH, SURVEY & DESIGN	\$ 1,555.90	\$ 27,954.70	28.0 %	\$ 100,000
302 METES & BOUNDS SURVEYS	\$ .00	\$ 46.75	.5 %	\$ 10,000
303 TEST BORINGS AT PROJECT SITES	\$ .00	\$ 1,178.76	11.8 %	\$ 10,000
304 SOIL ANALYSIS	\$ 931.01	\$ 8,521.45	28.4 %	\$ 30,000
305 HYDROLOGIC STUDIES	\$ .00	\$ .00	.0 %	\$ 30,000
306 DESIGN	\$ 5,666.20	\$ 28,283.62	33.3 %	\$ 85,000
307 RESEARCH	\$ .00	\$ 151.53	1.0 %	\$ 15,000
310 REPORT PUBLICATION	\$ .00	\$ .00	.0 %	\$ 15,000
311 GROUND WATER SURVEY-PRE PLANNING	\$ 1,050.50	\$ 5,861.39	21.7 %	\$ 27,000
312 GROUND WATER SURVEY-WATER RECORD	\$ .00	\$ 990.93	19.8 %	\$ 5,000
313 GROUND WATER SURVEY-GEOLOGICAL STUDIES	\$ .00	\$ .00	.0 %	\$ 3,000
314 GROUND WATER SURVEY-SUBSURFACE EXPLORATION	\$ 5,374.22	\$ 112,376.11	45.0 %	\$ 250,000
315 GROUND WATER SURVEY-QUALITY OF WATER WORK	\$ 2,772.00	\$ 19,866.00	39.7 %	\$ 50,000
316 GROUND WATER SURVEY-AQUIFER TEST & SPECIAL INV	\$ .00	\$ 24,761.20	24.8 %	\$ 100,000
317 GROUND WATER SURVEY-DATA COMPILATION & ANALYSIS	\$ 1,895.85	\$ 5,195.03	52.0 %	\$ 10,000
318 GROUND WATER SURVEY-RPT PREP & REVIEW	\$ 1,035.10	\$ 2,797.53	18.7 %	\$ 15,000
319 GROUND WATER SURVEY-SPECIAL INVESTIGATIONS	\$ 14,540.90	\$ 32,820.67	32.8 %	\$ 100,000
320 COOPERATIVE SURVEYS-GRND WATER, SUR WATER & TOPOG.	\$ 51,562.50	\$ 106,562.50	28.4 %	\$ 375,000
401 CONSTRUCTION-DAMS & RELATED APPURTENANCES	\$ 49,926.07	\$ 226,758.80	25.2 %	\$ 900,000
402 CONSTRUCTION-RECREATION FACILITIES	\$ .00	\$ 1,843.90	1.7 %	\$ 110,000
403 CONSTRUCTION-IRRIGATION FACILITIES	\$ .00	\$ .00	.0 %	\$ 10,000
404 CONSTRUCTION-FLOOD CONTROL	\$ .00	\$ 48,899.81	48.9 %	\$ 100,000
405 CONSTRUCTION-PILOT WELLS	\$ .00	\$ .00	.0 %	\$ 10,000
501 OP & MAINT-DAMS & RELATED APPURTENANCES	\$ 1,227.49	\$ 31,212.49	13.9 %	\$ 225,000
502 OP & MAINT-RECREATION FACILITIES	\$ 140.25	\$ 140.25	2.8 %	\$ 5,000
503 OP & MAINT-IRRIGATION FACILITIES	\$ .00	\$ .00	.0 %	\$ 5,000
504 OP & MAINT-FLOOD CONTROL	\$ 243.75	\$ 4,300.63	3.7 %	\$ 115,000

TOTALS \$ 168,874.14 \$ 815,011.53\* 24.4 % \$3,335,344

*Dist  
MWH  
M&E  
M&L  
Comm.*

\* includes \$21,406.13 prior expenditures made in July 71 from '69-'71 appropriations

NORTH DAKOTA STATE RIVER COMMISSION  
 FINANCIAL STATEMENT FEBRUARY 29, 1972  
 1971-73 APPROPRIATIONS

C5-1.2

	Available Funds		Disbursements		Account Balances		
	APPROPRIATION	RECEIPTS	TO DATE	FEB. '72	UNEXPENDED	ENCUMB.	UNENCUMB.
<b>GENERAL OPERATIONS: ACCOUNT</b>							
1001-Salaries Expense (1)	\$ 919,621.00	\$ -	\$254,490.05	\$36,578.02	\$ 665,130.95	\$ -	\$ 665,130.95
2001-Fees & Services	162,625.00	-	41,552.06	2,859.87	121,072.94	-	121,072.94
2051-Data Processing	4,500.00	-	1,508.44	80.08	2,991.56	-	2,991.56
3001-Supplies & Materials	163,600.00	-	37,613.85	5,560.09	125,986.15	-	125,986.15
4001-Equipment	25,000.00	-	9,047.05	1,074.00	15,952.95	-	15,952.95
7701-Red Basin Comm.	<u>60,000.00</u>	<u>-</u>	<u>30,149.17</u>	<u>-</u>	<u>29,850.83</u>	<u>-</u>	<u>29,850.83</u>
TOTAL GENERAL OPERATIONS	\$1,335,346.00	\$ -	\$374,360.62	\$46,152.06	\$ 960,985.38	\$ -	\$ 960,985.38
7721-West River Div.	\$ 100,000.00	\$ -	\$ 14,025.88	\$ 2,870.25	\$ 85,974.12	\$ -	\$ 85,974.12
<b>CONTRACT FUND:</b>							
336-770-Contract "Cash" \$1,000,000							
Contract Collections 900,000 \$1,900,000.00							
Collections to Date		\$372,272.14					
Transfer from 001 to 336		200,000.00					
			\$463,884.40	\$41,266.86	\$1,436,115.60	\$ -	\$1,436,115.60
TOTAL CONTRACT FUND	<u>\$1,900,000.00</u>	<u>\$572,272.14</u>	<u>\$463,884.40</u>	<u>\$41,266.86</u>	<u>\$1,436,115.60</u>	<u>\$ -</u>	<u>\$1,436,115.60</u>
GRAND TOTALS	<u>\$3,335,346.00</u>	<u>\$572,274.14</u>	<u>\$852,270.90</u>	<u>\$90,289.17</u>	<u>\$2,483,075.10</u>	<u>\$ -</u>	<u>\$2,483,075.10</u>

## NORTH DAKOTA STATE WATER COMMISSION

PAYROLL - JAN. 1972\*

<u>NAME</u>	<u>POSITION</u>	<u>REMARKS</u>	<u>GROSS</u>
HOISVEEN, MILO W.	STATE ENGINEER	INC. JULY '71	\$ 1,825.00
BAESLER, GORDON	WATER RIGHTS TECHNICIAN	INC. JULY '71	810.00
BALLIET, ALLEN	RODMAN	INC. JULY '71	535.00
CHRISTENSEN, RAYMOND	ENGR. TECHNICIAN	INC. JULY '71	820.00
DALLY, ANTOINETTE	STENOGRAPHER	INC. JULY '71	400.00
EMERSON, MATT	ASSISTANT SECRETARY	INC. JULY '71	1,145.00
FROELICH, LARRY	GEOLOGIST	INC. JULY '71	965.00
GALLAGHER, RICHARD	COMMISSIONER	STA. JULY '61	15.00
GEHRING, OSCAR	LAB TECHNICIAN	INC. JULY '71	625.00
GRAY, GORDON	COMMISSIONER	STA. JULY '70	15.00
GRINDBERG, ALAN	ASST. CHIEF ENGINEER	INC. JULY '71	1,550.00
GRUNSETH, ARLAND	INVESTIGATIONS ENGINEER	INC. JULY '71	1,090.00
HANSON, HAROLD	COMMISSIONER	STA. JULY '65	15.00
HANSON, WILLIAM	DRAFTSMAN	INC. JULY '71	525.00
HEUPEL, MILTON	CONSTRUCTION ENGINEER	INC. JULY '71	1,175.00
HOETZER, STEVE	DESIGN ENGINEER	STA. AUG. '71	850.00
JACOBSON, HUGH	ASSISTANT DRILLER	INC. JULY '71	565.00
JOCHIM, CLIFFORD	ATTORNEY	INC. JULY '71	1,285.00
JUNGROTH, JAMES	COMMISSIONER	STA. SEPT. '67	15.00
KLAPPRODT, LEROY	DRAFTSMAN	STA. OCT. '71	475.00
KLING, THOMAS	SOILS TECHNICIAN	STA. SEPT. '71	222.50
KNOLL, JAMES	OPERATOR	INC. JULY '71	590.00
KNUTSON, LEWIS	DRILLER	INC. FEB. '72	755.00
KOCH, KAY	ACCOUNTANT	INC. JULY '71	300.00
KRAMER, ALVIN	COMMISSIONER	STA. JULY '70	15.00
LINDVIG, MILTON	GROUND-WATER ENGINEER	INC. JULY '71	1,200.00
LOCKEN, SHARON	CHIEF STENOGRAPHER	INC. JULY '71	615.00
MEES, LADARANA	FIELD ENGINEER	INC. JULY '71	840.00
MILLIGAN, DEBBIE	OJT. STENO	STA. OCT. '71	37.50
MURI, GARVIN	CHEMIST	INC. JULY '71	890.00
NAPLIN, CHARLES	GEOLOGIST	INC. JULY '71	915.00
NEAL, DEAN	LAB TECHNICIAN	STA. SEPT. '71	81.00
NELSON, C. P.	DRAINAGE ENGINEER	INC. JULY '71	1,140.00
OHNSTAD, DONALD	PLANNING ENGINEER	INC. JULY '71	1,060.00
PUTZ, ROY	OFFICE ASSISTANT	INC. JULY '71	500.00
SACKMAN, EUGENE	SURVEYOR	INC. JULY '71	750.00
SCHMID, ROGER	GROUND-WATER HYDROLOGIST	INC. JULY '71	1,070.00
SCHULZ, DELTON	OFFICE ENGINEER	INC. JULY '71	1,290.00
SCOTT, LLOYD	CHIEF DRAFTSMAN	INC. JULY '71	745.00
SIEMS, MYRNA	STENOGRAPHER	INC. JULY '71	340.00
SPEAKES, GLENN	OPERATOR	INC. JULY '71	610.00
SVIHLA, ROSALIE	STENOGRAPHER	INC. JULY '71	355.00
SWANSON, RONALD	PROJECT ENGINEER	INC. JULY '71	1,050.00
THOMAS, NELDA	DIR. OF INFORMATION	INC. NOV. '71	830.00
TILLOTSON, ANN	RESEARCH ASSISTANT	INC. JULY '71	475.00
ULRICH, ROGER	RODMAN	INC. JULY '71	490.00
WALTERSON, HOWARD	CONSTRUCTION SUPT.	INC. JULY '71	770.00
WELCH, CYNTHIA	STENOGRAPHER	STA. SEPT. '70	150.00
WERNER, ROBERT	DRAFTSMAN	INC. JULY '71	500.00
SWC GROUP INS. - 41			285.56
SWC RET-MATCHING			1,242.20
SOCIAL SECURITY			1,764.26
			\$36,578.02

\*Pd. in Feb.

## NORTH DAKOTA STATE WATER COMMISSION

OBJECT BUDGET COMPARISON  
1971-1973 BIENNIUMMarch 9, 1972  
SWC File C5-1.4

OBJ. CODE	OBJECT DESCRIPTION	FEB. 1972 EXPEND.	JULY 1, '71 FEB. 29, '72 EXPEND.	BUDGET	EXP. % OF BUDGET TIME STD. 33.3% SAL. STD. 29.2%
1000	Salaries	\$ 33,286.00	\$235,550.11	\$ 840,121.00	28%
1820	OASIS	-	352.94	4,400.00	8%
1830	Social Security	1,764.26	7,773.45	34,000.00	23%
1840	Hospital Insurance	285.56	2,012.24	7,500.00	27%
1850	Workmen's Compensation	-	1,131.51	3,600.00	31%
1880	State Retirement	1,242.20	7,669.80	30,000.00	25%
	TOTAL SALARIES AND WAGES	\$ 36,578.02	\$254,490.05	\$ 919,621.00 (1)	27%
2110	Meals & Lodging	\$ 893.76	\$ 19,161.97	\$ 77,325.00	25%
2120	Personal Vehicle Mileage	229.00	2,923.76	8,000.00	36%
2130	Comm. Transportation	334.50	4,949.13	12,000.00	41%
2150	Misc. Travel	111.24	802.37	3,000.00	26%
2210	Water-Garbage	6.45	60.10	300.00	20%
2220	Natural Gas	178.92	312.65	1,000.00	31%
2230	Electricity	114.64	254.73	900.00	28%
2310	Rental-Equipment	25.00	216.59	2,500.00	8%
2360	Rent-Bldg. Space	-	20.00	500.00	4%
2410	Postage	246.80	1,101.56	4,000.00	27%
2420	Telephone	90.89	1,642.62	5,000.00	33%
2510	Repair Equipment	79.03	1,497.82	12,000.00	12%
2513	Maintenance Contracts	285.00	2,292.88	4,000.00	57%
2560	Repair Buildings & Grounds	-	35.00	1,000.00	4%
2612	Legal Fees	-	-	1,000.00	-
2613	Audit Fees	-	197.63	500.00	39%
2614	Engineering Fees	-	99.00	2,500.00	3%
2619	Microfilm Service	158.56	158.56	3,000.00	5%
2650	Consulting Fees	-	375.00	1,500.00	25%
2682	Photographer Fees	70.00	1,590.87	6,000.00	26%
2699	Misc. Professional Fees	-	2,652.90	9,000.00	29%
2720	Property Insurance	-	-	700.00	-
2730	Liability Insurance	-	-	900.00	-
2911	Radio-Newspaper Fees	-	55.22	300.00	18%
2912	Rewards-Premiums	-	32.76	500.00	6%
2914	License & Taxes	-	323.00	700.00	46%
2915	Dues	-	110.00	2,000.00	1%
2916	Freight	14.98	148.72	1,500.00	9%
2999	Miscellaneous	21.10	537.22	1,000.00	53%
	TOTAL FEES AND SERVICES	\$ 2,859.87	\$ 41,552.06	\$ 162,625.00	25%
2618	Data Processing	\$ 80.08	\$ 1,508.44	\$ 4,500.00	33%
	TOTAL DATA PROCESSING	\$ 80.08	\$ 1,508.44	\$ 4,500.00	33%
3100	Office Supplies	\$ 357.94	\$ 4,755.41	\$ 19,000.00	25%
3105	Central Reproduction	294.81	294.81	2,500.00	12%
3110	Data Processing Supplies	-	-	200.00	-
3120	Printing	-	835.95	17,500.00	5%
3130	Books, Maps, Subscriptions	201.75	1,123.45	5,000.00	22%

OBJ. CODE	OBJECT DESCRIPTION	FEB. 1972 EXPEND.	JULY 1, '71 FEB. 29, '72 EXPEND.	BUDGET	EXP. % OF BUDGET TIME STD. 33.3%**
3132	Films	\$ 57.64	\$ 1,560.88	\$ 3,400.00	46%
3600	Hardware & Bldg. Supplies	2,666.70	11,255.14	50,000.00	22%
3700	Petroleum Supplies	693.69	9,647.46	35,000.00	27%
3800	Equipment Repair Parts	1,282.56	8,100.15	29,000.00	28%
3959	Miscellaneous	5.00	40.60	2,000.00	2%
	TOTAL SUPPLIES & MATERIALS	\$ 5,560.09	\$ 37,613.85	\$ 163,600.00	23%
4100	Office Equipment	\$ 1,074.00	\$ 2,177.00	\$ 1,500.00	145%
4300	Motor Vehicles	-	6,518.60	23,000.00	28%
4400	Machines & Equipment	-	351.45	500.00	70%
	TOTAL EQUIPMENT	\$ 1,074.00	\$ 9,047.08	\$ 25,000.00	36%
7701	Basins Commission	-	\$ 30,149.17	\$ 60,000.00	50%
7721	West River Diversion	\$ 2,870.25	\$ 14,025.88	\$ 100,000.00	14%
	TOTAL GENERAL OPER. APPROP.	\$ 49,022.31	\$388,346.50	\$1,435,346.00	27%
5500	Contract Payments	41,266.86	\$463,884.40	\$1,900,000.00 (2)	24%
	TOTAL STATE WATER COMM. BUDGET	\$ 90,289.17	\$852,270.90	\$3,335,346.00	25%

(1) Appropriation \$831,071.00  
 Federal Grant 88,550.00  
\$919,621.00

(2) Appropriation \$1,000,000.00  
 Est. Contract  
 Fund Collection 900,000.00  
\$1,900,000.00

\*\* 8/24 months = 33.3 percent biennium elapsed

Dist.  
 Comm  
 MWH  
 ME  
 KK