

## MINUTES

North Dakota State Water Commission  
 Meeting Held in Hearing Room  
 Ground Floor, State Capitol Building  
 Bismarck, North Dakota

May 28 and 29, 1974

The North Dakota State Water Commission held a meeting on May 28 and 29, 1974, in the Hearing Room of the State Capitol, Bismarck, North Dakota. Governor-Chairman, Arthur A. Link, called the meeting to order at 9:30 a.m.

MEMBERS PRESENT:

Governor Arthur A. Link, Chairman  
 Richard Gallagher, Vice Chairman, Mandan  
 Alvin Kramer, Member from Minot  
 James Jungroth, Member from Jamestown  
 Gordon Gray, Member from Valley City  
 Donald Noteboom, Member from McKenzie County  
 Myron Just, Commissioner, Department of Agriculture, Bismarck  
 Vernon Fahy, State Engineer, Secretary and Chief Engineer, North Dakota State Water Commission, Bismarck

OTHERS PRESENT:

Matt Emerson, Assistant Secretary, North Dakota State Water Commission, Bismarck  
 Cliff Jochim, Director of Legal Services, North Dakota State Water Commission, Bismarck  
 Delton Schulz, Director of Engineering, North Dakota State Water Commission, Bismarck  
 Eugene Krenz, Director of Planning, North Dakota State Water Commission, Bismarck  
 Murray Sagsveen, Legislative Assistant/Staff Attorney to Governor Link, Bismarck

Approximately 100 people in addition to those listed attended the meeting.

The proceedings of this meeting were tape recorded and the tape is on file at the North Dakota State Water Commission office.

CONSIDERATION OF MINUTES  
 OF APRIL 29, 1974 -  
 APPROVED

It was moved by Commissioner Just, seconded by Commissioner Noteboom, and carried, that reading of the minutes of the April 29, 1974 meeting

be dispensed with and that they be approved as circulated.

**DISCUSSION OF UNITED POWER  
ASSOCIATION-COOPERATIVE  
POWER ASSOCIATION WATER  
PERMIT APPLICATION**

Secretary Fahy reported for a special committee that had formulated proposed conditions that could apply to the water permit application of United Power Association-Cooperative Power

Association. He stated the committee membership, as appointed by Governor Link, was Commissioner Gallagher, Commissioner Just, Secretary Fahy, Governor's Attorney Sagsveen, and Commission Attorney Jochim. At the request of Commissioner Kramer, Secretary Fahy read 20 proposed conditions which are a part of these minutes under Appendix "A". Discussions followed regarding the proposed conditions and the main topic of discussion was condition No. 3 dealing with the use of the most environmentally acceptable engineering and technological methods in design of the thermal-electric power plant being considered.

Governor Link called upon the applicant to respond to inquiries by Commission members relative to stack emission controls at the proposed plant. Mr. Roger Dutton, Consultant for the applicant, appeared and answered questions, principally about the control of sulfur dioxide in the stack emissions and the amount of sulfur dioxide that would possibly be emitted as a result of the proposed plant. Also discussed was the proven and/or unproven reliability of scrubbers now designed to eliminate the sulfur dioxide gases.

Governor Link then relinquished the chair to Vice Chairman Gallagher to make the following presentation and motion:

**"Statement of Governor to State Water Commission**

The Legislative Assembly has placed with the North Dakota Water Commission a tremendous responsibility to manage the water and related land resources of the State of North Dakota. The Legislature, in two specific statutes, emphasized this point:

- a. Section 61-04-07, NDCC, states that an application for water may be postponed or denied if "the approval thereof would be contrary to the public interest."
- b. Section 61-01-26, NDCC, states that the "Well-being of all of the people of the state shall be the overriding determinant in considering the best use, or combination of uses, of water and land resources."

Now before the State Water Commission is the application of UPA/CPA. It requires the Commission to determine, consistent with the above mentioned statutes, whether approval of such application would be in the best interests of this state. I believe the following items must be considered by the Commission

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before they make a final decision on the application:

- 1) Concerning air emissions, I recognize that no new power plant can start construction without first securing from the North Dakota Department of Health a permit to construct. A final air pollution permit which grants the plant the authority to operate is also required. The decision to grant or deny a permit to construct and operate would depend on whether the projected plant operations would comply with existing state and federal statutes or regulations. Although commendable strides have been made to strengthen these air quality laws, ominous gaps still exist:
  - a. Utility systems (e.g. the American Electric Power System) are mounting tremendous publicity campaigns:
    - (1) to amend the Clean Air Act to weaken the Act and to postpone timetables for implementation of air-cleaning requirements; and
    - (2) to abolish the requirement for installing "stack gas scrubbers" on electric generating plants--the only EPA approved method of removing sulfur oxide from air emissions.
  - b. The fate of the "Energy Supply and Environmental Coordination Act of 1974" (H.R. 14368), which would amend the Clean Air Act, is still questionable. Any amendments to the Clean Air Act could be of overriding concern to this state.
  - c. A court challenge of the requirement to place "gas stack scrubbers" on generating plants has recently been successful in Pennsylvania. The Pennsylvania Commonwealth Court unanimously upheld a lower court opinion that emission control technology is not commercially available for the removal of sulfur oxides from stack gases. The decision was against the Pennsylvania Department of Natural Resources, which sought criminal sanctions against Pennsylvania Power and Light Co. and its president for failure to install available sulfur control devices on a generating plant. The decision said the flue-gas scrubbing devices are available in theory only and are not proven from an operational or practical standpoint. The opinion suggests that a judicial challenge of conditions on the proposed permit could be successful.

- d. The North Dakota Department of Health has made application to the Old West Regional Commission to fund a study entitled: "Potential Animal and Human Effects of Coal Development by Selective Analysis of Trace Elements and Naturally Occurring Radionuclides in Coal." There is presently very little information available on the potential effect of trace elements, which are emitted from electrical generation facilities, on the health of animals and humans.
- 2) The project plans indicate that irrigable land will be strip-mined to supply lignite for the UPA/CPA electrical generation complex. Although such land is not presently considered for irrigation under the Garrison Diversion Project, and is not a part of any other organized project, the Bureau of Reclamation has indicated that land in the general Underwood area is irrigable.
- 3) The applicant cooperatives have stated in their environmental impact statement that an alternate site on the Mississippi River to the west of Elk River, Minnesota, had been evaluated. The statement further related that:

"Environmentally the impact of constructing the project in Minnesota would increase an existing high pollutant concentration. While the emissions from the power generating units would remain very low there are several large generating stations located in close proximity to this site. What the combined emission levels would be is not known but it is probable that they would be higher than at the North Dakota site."

It is disturbing to me that the Minnesota site is not considered because it would add to pollution of several other generating stations in the Elk River area.

A similar situation exists here also. Within several years projections will double our existing lignite generated electricity in the area to 1500 MW (about four times the capacity of Garrison Dam).

Our air should not be considered available for pollution because Minnesota consumers do not want their air contaminated.

For these and other reasons, I move that further consideration of the pending application of UPA/CPA be postponed until applicant can assure to the satisfaction of this Commission, that the aforementioned objections can be overcome."

After Governor Link's comments relative to his presentation and motion, the motion received a second by Commissioner Just.

Commissioner Gray expressed the need for the Commission to determine or define what the course of future action would be relative to the state's role in developing energy independence in the United States.

Discussions followed regarding the intent of the motion which was to seek a better answer to the possible air pollution problem. During the discussion, Mr. Phil Martin appeared for the applicant and responded by questioning the Commission as to what they wanted the applicant to do. He stated that the Commission should relate what air pollution standards should be required and that they, the applicant, would attempt to meet those standards. Other discussions related to the determination of sulfur content in the lignite reserves in the proposed mining area and emission control in relationship to that sulfur content. Mr. Martin also indicated that a lengthy delay in approval of this application could result in financial hardship for his company.

The question was then called and the motion carried unanimously by voice vote.

The meeting was recessed for lunch at 11:45 a.m. The continued meeting was called to order by Governor Link at 1:30 p.m.

After lunch, clarifications and additions were discussed relative to the permit application just postponed. Commissioner Gray expressed a desire to have condition No. 13 expanded and be more specific in the providing of funds for the state's benefit through the development of fossil fuels and water resources.

A motion was made by Commissioner Gray and received a second by Commissioner Kramer that the special committee, formed earlier to suggest proposed conditions for United Power Association-Cooperative Power Association, further study the proposed conditions to make additions or revisions and also forward to the Legislative Council any suggested changes that should be made in the North Dakota Century Code.

Commissioner Gallagher stated that the special committee still had recommendations to make relative to fees to be charged in the application and later in the option and use of water. He

further requested that proposed condition No. 3 be reworded to reflect more closely the ideas expressed in the discussion regarding this motion.

The motion was then voted upon and it carried.

DISCUSSION OF MONTANA-DAKOTA  
UTILITIES COMPANY WATER  
PERMIT APPLICATION

Secretary Fahy reported that the following materials regarding the application had been sent to Commission members on May 20, 1974: Transcript of Hearing; comments by agencies on the applicant's environmental assessment; and responses to these comments by the applicant. He stated that since the materials had not been circulated for enough time to completely review, the purpose of the agenda item on hand was to have Montana-Dakota Utilities Company officials appear to respond to any immediate questions.

Messrs. Robert Heskett, Robert Nelson and W. W. Kroebe did respond to a number of questions relating to operation of a thermal-electric plant and transmission line complex and the future of this industry.

DISCUSSION OF RESOLUTION  
ADOPTED BY WEST RIVER  
CITIZENS ADVISORY COMMITTEE  
IN RESPECT TO WATER PERMIT  
REQUESTS  
(#1543)

Secretary Fahy suggested in order to better understand the West River Advisory Council resolution, representatives of that group be invited to the next Commission meeting.

It was moved by Commissioner Kramer and seconded by Commissioner Noteboom that the West River Advisory Council be invited to the next meeting to discuss their resolution. The motion carried.

PUBLIC HEARING DATES FOR  
EL PASO NATURAL GAS COMPANY  
AND NATURAL GAS PIPELINE  
COMPANY OF AMERICA WATER  
PERMIT APPLICATIONS

Secretary Fahy informed the Commission members that both companies applying for water permits had initiated preliminary studies which would result in environmental assessments or evaluations relative to their proposed projects. He indicated that these study reports would be completed in sufficient time to have October and November, 1974 hearings. Mr. Bill Lorang for El Paso Natural Gas Company and Mr. Harry Sutherland for Natural Gas Pipeline Company of America appeared, each in behalf of their application.

Further discussion followed without setting hearing dates. It was indicated that the hearing dates could be better determined later in the year after Commission members have had sufficient time to review the preliminary environmental material and project proposals.

**CONSIDERATION OF  
WATER PERMIT REQUESTS**

After reviewing the water permit recommendations, Commissioner Jungroth moved to approve the following water permit requests recommended by the State Engineer: No. 2058, Herbert Oberlander, Stanton; No. 2049, Pembina County Pioneer Rest Home, Bathgate; No. 2048 Carl D. Larson and Leslie Nesvig, LaMoure; No. 2038, Lyle Albertson, LaMoure; No. 2025, Lui Jon Ravnaas, Turtle Lake; No. 2036, Ernest O. Oster, Hazen; No. 2035, Casper Aarestad, Jr., Cooperstown; No. 2053, Robert F. Schonert, Bismarck; No. 2031, Francis E. Beard, Arvilla; No. 2033, Charles Kartes, Dickey; No. 2012, William Lambrecht, Lisbon; and No. 2011, Myles Hoehouse, Lisbon. The following water permit requests are to be deferred at this time pending further information and investigations: No. 2044, James W. Bailey, Cooperstown; No. 2043, Kenneth S. Hagen, Cooperstown; No. 2045, Dean Hagen, Cooperstown; No. 2064, Lloyd Ruff, Edgeley; No. 2055, City of Edgeley, Edgeley; and No. 2063, Byron Overby, Binford. The motion was seconded by Commissioner Gray and it carried. (See Appendix 'B')

**CONSIDERATION OF FINANCIAL  
STATEMENT FOR APRIL, 1974,  
AND RELATED MATTERS**

Assistant Secretary, Matt Emerson, reviewed the April 30, 1974 financial statement with the Commission members and noted the areas where it would be

difficult to maintain a proper budget level throughout the remainder of the biennium. Secretary Fahy informed the Commission members of the recent Emergency Commission request and approval allowing a \$49,000 transfer from the contract item to salaries item in the Commission's general fund. He stated that approximately \$20,000 was for necessary overtime wages and the balance was for cost of living and salary increments. The amounts were two and three percent respectively over the appropriation passed by the 43rd Legislative Assembly.

Commissioner Kramer moved and Commissioner Noteboom seconded a motion to approve the financial statement and related salary fund transfer. The motion carried.

The meeting recessed at 4:30 p.m. and scheduled 8:30 a.m., May 29, 1974, for departure to Devils Lake for the next agenda item.

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RAMSEY COUNTY WATER MANAGEMENT  
DISTRICT REQUEST FOR STATE  
WATER COMMISSION APPROVAL  
OF CHANNEL "A" CONSTRUCTION  
(#416)

was titled Channel "A" under the suspended Starkweather Watershed Project. The Commission expressed concern for the plight of the landowners in the area and indicated that the inspection flight which preceded the meeting left little doubt as to the need for improved agricultural drainage.

The meeting reconvened at noon in Devils Lake where city, county, park district and Chamber of Commerce officials urged approval of the construction of a drainage channel from Dry Lake to Six-Mile Bay. This

The Chief Engineer read a staff report which contained an estimate of \$800,000 for this 4.5 mile project.

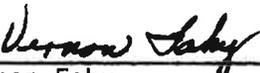
Resolutions supporting the request for approval have been received from the Ramsey County Board of Commissioners, Devils Lake Board of Commissioners, Ramsey County Water Management District, Citizens for Lake Preservation, Devils Lake Chamber of Commerce, Devils Lake Park District Board of Commissioners, Benson County Water Management District, Cavalier County Water Management District, North Dakota State Senator H. Kent Jones, and Ramsey County Soil Conservation District.

taken at the meeting.

No official action on the request was

  
Arthur A. Link  
Governor-Chairman

ATTEST:

  
Vernon Fahy  
Secretary

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CONDITIONS PROPOSED FOR ATTACHMENT TO WATER PERMIT APPLIED FOR BY  
UNITED POWER ASSOCIATION AND COOPERATIVE POWER ASSOCIATION

Definitions:

- a. "Products or by-products" shall mean any derivative resulting from the utilization of water in a chemical process with lignite or coal, including, but not limited to, gas, electricity, steam, minor elements and any other residual matter.
- b. "Commission" shall mean the North Dakota State Water Commission.
- c. "Appropriator" shall mean Cooperative Power Association and United Power Association.

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Conditions:

1. The Appropriator may divert a maximum of 15,000 acre-feet of water per year from the diversion site as described in water permit application No. 1977 filed with the North Dakota State Water Commission on September 20, 1973. Planning for diversion facilities should encompass the potential demands outlined in condition No. 8.
2. The water so diverted under this permit may be used for all necessary purposes in the generation of electricity including, but not limited to, process cooling requirements, mining purposes, and all other uses necessary for electrical generation such as sanitation, ash disposal and scrubber sludge disposal.
3. The Appropriator must at all times use the most environmentally acceptable engineering and technological methods in the design,

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construction, equipping, maintenance and operation of such electrical generation plant and any addition thereto, and every effort shall be made to minimize evaporation and other wasteful uses of water. Such methods and efforts shall be subject to the approval of the Commission after consultation with the Department of Health or any other appropriate agency. A decision of approval, disapproval or modification shall be made as soon as practicable, but no later than six months after the Appropriator has notified the State Engineer of such methods and efforts.

4. The Appropriator shall comply in the design and operating procedures for its facilities with such orders as the State Water Commission and other appropriate state agencies shall promulgate, subject to the provisions of Chapter 28-32 of the North Dakota Century Code.
5. The Appropriator shall consult and cooperate with and secure all necessary permits from all agencies of the State of North Dakota having an interest in the useage of water and the effects of the applicant's electrical generation facilities upon the environment, economy and governmental units within the state.
6. The Appropriator, through its president and other officers and consultants designated by its president, shall meet periodically with a designated legislative committee, or an executive committee, designated by the Governor, or a joint meeting of the two committees to provide information on plans and progress, and to answer questions

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relating to the implementation of its electrical generation project, or projects, and related matters affecting water and the quality of life in North Dakota.

7. The Appropriator and its coal developer associates shall be bound by all applicable state and federal legislation and state agency regulations and orders now existing, or hereinafter enacted, adopted, or promulgated. Upon request, the Appropriator shall report to the State Water Commission and other appropriate agencies with respect to compliance with such legislation and regulations.
  
8. The Appropriator shall contract with his coal supplier within North Dakota to insure that the mine or disturbed land shall be returned to at least the level of agricultural productivity that existed prior to mining or disturbance. This requirement shall also apply to any lands directly mined or disturbed by the Appropriator and its coal supplier. A comprehensive mining and reclamation plan shall be filed with the State Water Commission and any other appropriate agency at the earliest opportunity, but before any mining operations commence. Such plans shall reflect the advice of appropriate agencies, such as the State Water Commission and the State Reclamation Agency, to insure that proper planning consideration is given to the protection of the surface and ground-water supplies and quality. Such plans will also recognize the necessity for restoring the irrigable potential of the mine and reclaimed land. The Appropriator shall supply water to the coal supplier at a

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reasonable cost in the event successful reclamation requires the application of supplemental water to aid plant growth on lands being reclaimed.

9. A perfected water permit shall be issued as subject facility is completed and only for that amount actually applied to a beneficial use as specified under North Dakota law.
10. A conditional water permit shall be granted for initial period of six years. If the applicant has not perfected subject permit within the six-year period, it may apply to the Commission to extend the time of the conditional water permit.
11. No assignment, transfer or sale of any part of the water shall be made without prior Commission written approval of all points of diversion, utilization and discharge.
12. The Appropriator shall provide metering devices satisfactory to the Commission and available for inspection at all reasonable times by the Commission to record actual amounts of water diverted under this permit.
13. Should the Commission or the Legislative Assembly at any time provide for the payment of a water users fee, or any other fee or charge, the applicant shall be subject to such charges when they become effective.

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14. The Appropriator shall direct mining operations in accordance with recommendations of the Commission with respect to the protection of the existing ground-water supplies.
15. At least three years prior to the termination of plant operations, The Appropriator shall tender, and agree to convey at no cost to the state, all water supply and water transmission facilities and such facilities' rights-of-way unless such conveyance is rejected by the Governor prior to such termination of operations.
16. The Appropriator shall submit its plans for placement of plant sites and transmission lines to the Commission for siting approval. The Commission shall use siting criteria which minimizes adverse effects on matters over which the Commission has jurisdiction, including but not limited to, impact on irrigable lands, water courses, water quality, and other water resource related matters.
17. The Appropriator shall make available electricity to North Dakota users for temporary periods upon a declaration of emergency by the Governor.
18. Failure to comply with any North Dakota statute or any order or regulation of the Commission may result in forfeiture of the conditional or perfected water permit in accordance with Chapter 28-32 of the North Dakota Century Code.

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19. The Appropriator shall make available, subject to approval of the appropriate federal or state agencies, if such approval is necessary, to North Dakota distributors or users, such electricity, steam, products or by-products as may be requested for use within this state. Such electricity shall supplement but not replace electric supplies normally available to users or distributors in the state. In his compliance with this condition, the price for electricity and by-products reserved for use within the state shall be at wholesale or bus bar rates and shall not be based on the so-called postage stamp rate.
  
20. Upon termination of operations and in the event of abandonment of plant facilities, the Appropriator shall return all plant site land to original or improved conditions and agricultural productivity.

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WATER PERMIT REQUESTS  
MAY 28 and 29, 1974

NO.	NAME AND ADDRESS	SOURCE	PURPOSE	AMOUNT REQUESTED	COMMENTS & RECOMMENDATIONS
2058	Oberlander, Herbert - Stanton (Mercer County)	Ground Water	Irrigation	150.0 acre-feet 100.0 acres	150.0 acre-feet 100.0 acres
2049	Pembina County Pioneer Rest Home - Bathgate (Pembina County)	Tongue River, trib. to Pembina and Red Rivers	Industrial	6.12 acre-feet	6.12 acre-feet
2048	Larson, Carl D. and Nesvig, Leslie - LaMoure (LaMoure County)	Ground Water; or James River	Irrigation	400.0 acre-feet 200.0 acres	300.0 acre-feet 200.0 acres
2038	Albertson, Lyle - LaMoure (LaMoure County)	Ground Water	Irrigation	320.0 acre-feet 160.0 acres	240.0 acre-feet 160.0 acres
2025	Ravnaas, Lui Jon - Turtle Lake (McLean County)	Ground Water	Irrigation	150.0 acre-feet 75.0 acres	112.5 acre-feet 75.0 acres Subject to special condition for McLean County (Straw- berry Lake area)
2036	Oster, Ernest O. - Hazen (Mercer County)	Ground Water	Irrigation	704.0 acre-feet 352.0 acres	528.0 acre-feet 352.0 acres

NO.	NAME AND ADDRESS	SOURCE	PURPOSE	AMOUNT REQUESTED	COMMENTS & RECOMMENDATIONS
2035	Aarestad, Casper, Jr. - Cooperstown (Griggs County)	Ground Water	Irrigation	624.0 acre-feet 312.0 acres	468.0 acre-feet 312.0 acres
2044	Bailey, James W. - Cooperstown (Griggs County)	Ground Water	Irrigation	953.9 acre-feet 476.9 acres	Defer pending further information and investigations.
2043	Hagen, Kenneth S. - Cooperstown (Griggs County)	Ground Water	Irrigation	320.0 acre-feet 160.0 acres	Defer pending further information and investigations.
2045	Hagen, Dean - Cooperstown (Griggs County)	Ground Water	Irrigation	322.2 acre-feet 161.1 acres	Defer pending further information and investigations.
2053	Schonert, Robert F. - Bismarck (Burleigh County)	Ground Water; and Burnt Creek, trib. to Missouri River	Irrigation	587.0 acre-feet (115.5 Ground Water) (471.5 Burnt Creek) 391.3 acres ( 77.0 Ground Water) (314.3 Burnt Creek)	587.0 acre-feet (115.5 Ground Water) (471.5 Burnt Creek) 391.3 acres ( 77.0 Ground Water) (314.3 Burnt Creek)
2031	Beard, Francis E. - Arvilla (Grand Forks Co.)	Ground Water	Irrigation	20.0 acre-feet 20.0 acres	20.0 acre-feet 20.0 acres

NO.	NAME AND ADDRESS	SOURCE	PURPOSE	AMOUNT REQUESTED	COMMENTS & RECOMMENDATIONS
2064	Ruff, Lloyd - Edgeley (LaMoure County)	Ground Water	Irrigation	400.0 acre-feet 320.0 acres	Defer action pending further information and investigations.
2055	Edgeley, City of - Edgeley (LaMoure County)	Ground Water	Municipal	115.0 acre-feet	Defer action pending further information and investigations.
2033	Kartes, Charles - Dickey (LaMoure County)	Ground Water	Irrigation	1294.0 acre-feet 647.0 acres	970.0 acre-feet 647.0 acres
2063	Overby, Byron - Binford (Griggs County)	Ground Water	Irrigation	939.2 acre-feet 469.6 acres	Defer action pending further information and investigations.
2012	Lambrecht, William - Lisbon (Ransom County)	Sheyenne River, trib. to Red River	Irrigation	230.0 acre-feet 116.5 acres	116.5 acre-feet 116.5 acres
2011	Hoenhouse, Myles - Lisbon (Ransom County)	Sheyenne River, trib. to Red River; and Ground Water	Irrigation	600.0 acre-feet (320.0 Ground Water) (280.0 Sheyenne River) 303.5 acres	383.5 acre-feet (240.0 Ground Water) (143.5 Sheyenne River) 303.5 acres

NORTH DAKOTA STATE WATER COMMISSION  
 FINANCIAL STATEMENT JUNE 30, 1974  
 1973-75 APPROPRIATIONS

C5-1.2

		Available Funds APPROPRIATION	Disbursements TO DATE	JUNE '74	UNEXPENDED	Account Balances ENCUMB.	UNENCUMB.
<b>GENERAL OPERATIONS ACCOUNT</b>							
1003-Salaries Expense	(1)	\$1,072,792.00	\$ 441,607.51	\$ 41,636.29	\$ 631,184.49	\$ -	\$ 631,184.49
2003-Fees and Services		177,225.00	79,757.22	8,372.47	97,467.78	-	97,467.78
3003-Supplies and Materials		163,600.00	103,809.93	10,470.12	59,790.07	-	59,790.07
4003-Equipment		39,500.00	17,704.37	2,855.00	21,795.63	-	21,795.63
5403-Red Basin Comm.		60,000.00	2,256.64	161.10	57,743.36	-	57,743.36
5413-Mo. River Basin Comm.		25,000.00	9,809.49	848.93	15,190.51	-	15,190.51
5423-Contract Fund	(2)	<u>1,851,000.00</u>	<u>647,717.01</u>	<u>32,272.02</u>	<u>1,203,282.99</u>	<u>798,235.00</u>	<u>405,047.99</u>
<b>TOTAL GENERAL OPERATIONS</b>		<b>\$3,389,117.00</b>	<b>\$1,302,662.17</b>	<b>\$ 96,615.93</b>	<b>\$2,086,454.83</b>	<b>\$798,235.00</b>	<b>\$1,288,219.83</b>
339-West River Diversion	(3)	250,818.00	102,717.47	17,610.33	148,100.53	-	148,100.53

(1) Includes \$90,000.00 Federal Grant  
 Includes \$49,000.00 transfer from Contract Fund to Salaries

(2) Includes \$900,000.00 Project Collections

(3) Includes \$55,000.00 Federal Grant

## NORTH DAKOTA STATE WATER COMMISSION

June 9, 1974  
SWC File C5-1.4OBJECT BUDGET COMPARISON  
1973-1975 BIENNIUM

OBJ. CODE	OBJECT DESCRIPTION	JUNE 1974 EXPEND.	JULY 1, '73		BUDGET	EXP. % OF BUDGET TIME STD. (50**) SAL. STD. 45.8
			JUNE 30, '74 EXPEND.			
1000	Salaries	\$ 37,307.25	\$ 398,994.22		\$ 973,192.00	41
1820	OASIS	151.92	1,727.61		4,000.00	43
1830	Social Security	2,182.54	20,911.41		43,000.00	48
1840	Medical Insurance	581.88	6,594.15		12,000.00	55
1850	Workman's Compensation	-	-		4,000.00	-
1880	State Retirement	1,412.60	13,380.12		36,000.00	37
	TOTAL SALARIES & WAGES	\$ 41,636.29	\$ 441,607.51		\$1,072,792.00(1)	41
2110	Meals and Lodging	\$ 1,601.08	\$ 27,758.47		\$ 77,225.00	36
2120	Personal Vehicle Mileage	115.56	2,387.02		8,000.00	30
2130	Commercial Transportation	592.53	6,828.74		15,000.00	45
2150	Miscellaneous Travel	34.44	1,482.87		4,000.00	37
2210	Water-Garbage	5.40	63.80		300.00	21
2220	Natural Gas	31.75	501.54		1,000.00	50
2230	Electricity	10.08	445.18		900.00	49
2310	Rental-Equipment	164.50	2,477.00		5,000.00	49
2410	Postage	422.41	2,579.12		6,000.00	43
2420	Telephone	208.11	3,157.13		5,000.00	63
2510	Repair-Equipment	99.67	4,707.48		12,000.00	39
2513	Maintenance Contracts	200.00	2,657.46		5,000.00	53
2560	Repair-Building & Grounds	-	-		500.00	-
2612	Legal Fees	-	-		500.00	-
2613	Audit Fees	-	-		700.00	-
2614	Engineering Fees	-	411.11		1,500.00	27
2618	Data Processing	609.38	2,379.45		5,000.00	47
2619	Microfilm Service	-	-		1,000.00	-
2650	Consulting Fees	-	2,690.00		3,900.00	69
2682	Photographers Fees	89.66	1,187.26		2,500.00	47
2699	Mis. Professional Fees	2,758.00	13,572.98		12,000.00	113
2710	Fidelity Bond	-	10.00		100.00	10
2720	Property Insurance	-	362.66		1,400.00	26
2730	Liability Insurance	-	546.00		1,000.00	55
2911	Radio-Newspaper Fees	20.10	325.07		500.00	65
2912	Rewards-Premiums	-	-		500.00	-
2914	Licenses and Taxes	2.40	240.25		700.00	34
2915	Dues	1,393.00	2,193.00		3,000.00	73
2916	Freight	12.80	265.83		2,000.00	13
2999	Miscellaneous	-	527.80		1,000.00	23
	TOTAL FEES & SERVICES	\$ 8,372.47	\$ 79,757.22		\$ 177,225.00	45
3100	Office Supplies	\$ 137.94	\$ 7,006.36		\$ 19,200.00	36
3105	Central Reproduction	451.58	2,480.79		2,500.00	99
3120	Printing-Commercial	-	22,284.16		17,500.00	127
3130	Books, Subscriptions	22.50	1,875.52		5,000.00	37
3132	Films	17.10	838.08		1,900.00	44
3133	Periodicals	30.00	46.50		100.00	46
3600	Hdwe.&Bldg. Supplies	7,473.58	32,936.85		50,000.00	66
3700	Motor Vehicle Supplies	1,495.84	19,197.13		35,000.00	55
3800	Parts-Including Tires	841.58	16,994.57		31,400.00	54
3959	Miscellaneous	-	149.97		1,000.00	15
	TOTAL SUPPLIES & MATERIALS	\$ 10,470.12	\$ 103,809.93		\$ 163,600.00	63

-2-

OBJ. CODE	OBJECT DESCRIPTION	JUNE 1974 EXPEND.	JULY 1, '73		BUDGET	EXP. % OF BUDGET TIME STD (50**) <u>45.8</u> SAL.STD.
			JUNE 30, '74 EXPEND.			
4100	Office Equipment	\$ -	\$ 2,747.57	\$ 5,500.00		50
4300	Motor Vehicles	2,855.00	9,905.64	26,500.00		37
4400	Machines & Equipment	-	5,056.16	7,500.00		67
	TOTAL EQUIPMENT	<u>\$ 2,855.00</u>	<u>\$ 17,704.37</u>	<u>\$ 39,500.00</u>		<u>44</u>
5423	Contract Payments	\$ 32,272.02	\$ 647,717.01	\$ 1,851,000.00	(2)	35
5403	Souris-Red-Rainy R. Basin Comm.	161.10	2,256.64	60,000.00		4
5413	Missouri R. Basin Comm.	848.93	9,809.49	25,000.00		39
7721	West River Diversion	17,610.33	102,717.47	195,818.00	(3)	52
	TOTAL APPROPRIATION	<u>\$114,226.26</u>	<u>\$1,405,379.64</u>	<u>\$3,584,935.00</u>		<u>39</u>

(1) Appropriation \$ 933,792  
 Est. Federal Grant 90,000  
 Trans. from Cont.  
 Fund 49,000  
\$1,072,792

(2) Appropriation \$1,000,000  
 Est. Collections 900,000  
\$1,900,000

(3) Appropriation \$195,818  
 Est. Federal Funds (Unknown)

\*\* 12/24 months - 50 percent biennium elapsed

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NORTH DAKOTA STATE WATER COMMISSION  
 FINANCIAL STATEMENT JULY 31, 1974  
 1973-75 APPROPRIATIONS

C5-1.2

		Available Funds APPROPRIATION	Disbursements TO DATE	JULY '74	UNEXPENDED	Account Balances ENCUMB.	UNENCUMB.
<b>GENERAL OPERATIONS ACCOUNT</b>							
103-SALARIES EXPENSE	(1)	\$1,072,792.00	\$ 492,089.42	\$ 50,481.91	\$ 580,702.58	\$ -	\$ 580,702.58
103-Fees and Services		177,225.00	85,844.91	6,087.69	91,380.09	-	91,380.09
103-Supplies and Materials		163,600.00	109,466.27	5,656.34	54,133.73	-	54,133.73
103-Equipment		39,500.00	17,848.28	143.91	21,651.72	-	21,651.72
103-Red Basin Comm.		60,000.00	2,256.64	-	57,743.36	-	57,743.36
113-Mo. River Basin Comm.		25,000.00	21,897.49	12,088.00	3,102.51	-	3,102.51
123-Contract Fund	(2)	<u>1,851,000.00</u>	<u>729,382.44</u>	<u>81,665.43</u>	<u>1,121,617.56</u>	<u>846,817.00</u>	<u>274,800.56</u>
<b>TOTAL GENERAL OPERATIONS</b>		<b>\$3,389,117.00</b>	<b>\$1,458,785.45</b>	<b>\$156,123.28</b>	<b>\$1,930,331.55</b>	<b>\$846,817.00</b>	<b>\$1,083,514.55</b>
19-West River Diversion	(3)	250,818.00	107,003.18	4,285.71	143,814.82	-	143,814.82

- 1) Includes \$90,000.00 Federal Grant  
 Includes \$49,000.00 transfer from Contract Fund to Salaries
- 2) Includes \$900,000.00 Project Collections
- 3) Includes \$55,000.00 Federal Grant

## NORTH DAKOTA STATE WATER COMMISSION

PAYROLL REGISTER  
JULY, 1974

Baessler, Gordon	Engineer Technician	\$ 980.00
Balliet, Allen	Engineer Technician	680.00
Bucholz, Robert	Rodman	595.00
Calhelm, Gary	Assistant Driller	600.00
Christensen, Ray	Construction Engineer	1,150.00
Dally, Antoinette	Secretary	550.00
Dobson, David	Draftsman	600.00
Duursma, Tom	Draftsman	695.00
Emerson, Matt	Assistant Secretary	1,500.00
Fahy, Vern	Chief Engineer	2,095.00
Friesz, Roger	Draftsman	600.00
Gallagher, R. P.	Commissioner	60.00
Gehring, Oscar	Lab Technician	755.00
Gray, Gordon	Commissioner	30.00
Grunseth, Arland	Investigation Engineer	1,320.00
Hoetzer, Steve	Assistant Design Engineer	1,120.00
Iwaniw, Nick	Draftsman	625.00
Joersz, Richard	Engineer Technician	575.00
Jungroth, James	Commissioner	30.00
Klapprodt, LeRoy	Resources Planner	760.00
Knutson, Lewis	Driller	905.00
Koch, Kay	Accountant	725.00
Kramer, Alvin	Commissioner	30.00
Krenz, Eugene	Director of Planning	1,500.00
Lindvig, Milton	Director of Hydrology	1,500.00
Locken, Sharon	Secretary-Water Permit Technician	745.00
McDowall, Gary	Construction Inspector	685.00
Mees, LaDarana	Project Engineer	1,005.00
Muri, Garvin	Chemist	1,085.00
Naplin, Charles	Geologist	1,180.00
Neal, Dean	Lab Technician	352.80
Nelson, C. P.	Drainage Engineer	1,385.00
Noteboom, Donald	Commissioner	60.00
Putz, Roy	Exhibit Aide	610.00
Ripley, David	Geologist	1,225.00
Sackman, Eugene	Surveyor	905.00
Schmid, Roger	Ground-Water Hydrologist	1,305.00
Schuette, Gerald	Construction Inspector	630.00
Schulz, Delton	Director of Engineering	1,695.00
Scott, Lloyd	Draftsman	920.00
Senger, Anton	Construction Inspector	805.00
Smith, Lewis	Geologist	900.00
Svihla, Rosalie	Secretary	475.00
Swanson, Ron	Design Engineer	1,290.00
Thorstenson, Dean	Information Specialist	900.00
Tillotson, Ann	Librarian	610.00
Ulrich, Roger	Rodman	640.00
Walterson, Howard	Chief Construction Inspector	965.00
Weisenburger, Eva	Secretary	425.00
Welch, Cynthia	Secretary	425.00
		<u>\$41,202.80</u>

OBJECT BUDGET COMPARISON  
1973-1975 BIENNIUMJuly 21, 1974  
SWC File C5-1.4

OBJ. CODE	OBJECT DESCRIPTION	JULY 1974 EXPEND.	JULY 1, '73		BUDGET	EXP. % OF BUDGET TIME STD. (54.1***) SAL. STD. 50
			JULY 31, '74 EXPEND.			
1000	Salaries	\$ 43,828.06	\$ 442,822.28		\$ 973,192.00	45
1820	OASIS	125.54	1,853.15		4,000.00	46
1830	Social Security	2,532.64	23,444.05		43,000.00	54
1840	Medical Insurance	611.72	7,205.87		12,000.00	60
1850	Workman's Compensation	1,817.30	1,817.30		4,000.00	45
1880	State Retirement	1,566.65	14,946.27		36,000.00	41
	TOTAL SALARIES & WAGES	\$ 50,481.91	\$ 492,089.42		\$ 1,072,792.00(1)	46
2110	Meals and Lodging	\$ 2,268.50	\$ 30,026.97		\$ 77,225.00	38
2120	Personal Vehicle Mileage	306.65	2,693.67		8,000.00	34
2130	Commercial Transportation	1,108.37	7,937.11		15,000.00	53
2150	Miscellaneous Travel	61.10	1,543.97		4,000.00	38
2210	Water-Garbage	8.85	72.65		300.00	22
2220	Natural Gas	26.61	528.15		1,000.00	53
2230	Electricity	-	445.18		900.00	53
2310	Rental-Equipment	164.50	2,641.50		5,000.00	53
2410	Postage	212.25	2,791.37		6,000.00	46
2420	Telephone	-	3,157.13		5,000.00	63
2510	Repair-Equipment	172.17	4,879.65		12,000.00	40
2513	Maintenance Contracts	400.40	3,057.86		5,000.00	61
2560	Repair-Building & Grounds	-	-		500.00	-
2612	Legal Fees	-	-		500.00	-
2613	Audit Fees	-	-		700.00	-
2614	Engineering Fees	-	411.11		1,500.00	27
2618	Data Processing	88.14	2,467.59		5,000.00	49
2619	Microfilm Service	-	-		1,000.00	-
2650	Consulting Fees	1,194.00	3,884.00		3,900.00	99
2682	Photographers Fees	-	1,187.26		2,500.00	47
2699	Mis. Professional Fees	-	13,572.98		12,000.00	113
2710	Fidelity Bond	-	10.00		100.00	10
2720	Property Insurance	-	362.66		1,400.00	26
2730	Liability Insurance	-	546.00		1,000.00	55
2911	Radio-Newspaper Fees	23.05	348.12		500.00	69
2912	Rewards-Premiums	-	-		500.00	-
2914	Licenses and Taxes	-	240.25		700.00	34
2915	Dues	40.00	2,233.00		3,000.00	74
2916	Freight	13.10	278.93		2,000.00	14
2999	Miscellaneous	-	527.80		1,000.00	23
	TOTAL FEES & SERVICES	\$ 6,087.69	\$ 85,844.91		\$ 177,225.00	48
3100	Office Supplies	\$ 520.64	\$ 7,526.82		19,200.00	39
3105	Central Reproduction	454.20	2,934.99		2,500.00	117
3120	Printing-Commercial	1,462.00	23,746.16		17,500.00	135
3130	Books, Subscriptions	626.45	2,501.97		5,000.00	50
3132	Films	-	838.08		1,900.00	44
3133	Periodicals	-	46.50		100.00	46
3600	Hdwe.&Bldg. Supplies	145.53	33,082.38		50,000.00	66
3700	Motor Vehicle Supplies	1,781.89	20,979.02		35,000.00	60
3800	Parts-Including Tires	665.81	17,660.38		31,400.00	54
3959	Miscellaneous	-	149.97		1,000.00	15
	TOTAL SUPPLIES & MATERIALS	\$ 5,656.34	\$ 109,466.27		\$ 163,600.00	67

OBJ. CODE	OBJECT DESCRIPTION	JULY 1974 EXPEND.	JULY 1, '73	BUDGET	EXP. % OF
			JULY 31, '74 EXPEND.		STD. (54.1**) SAL.
4100	Office Equipment	\$ 143.91	\$ 2,886.48	\$ 5,500.00	52
4300	Motor Vehicles	-	9,905.64	26,500.00	37
4400	Machines & Equipment	-	5,056.16	7,500.00	67
	TOTAL EQUIPMENT	\$ 143.91	\$ 17,848.28	\$ 39,500.00	45
5423	Contract Payments	\$ 81,665.43	\$ 729,382.44	\$1,851,000.00(2)	39
5403	Souris-Red-Rainy R. Basin Comm.	-	2,256.64	60,000.00	4
5413	Missouri R. Basin Comm.	12,088.00	21,897.49	25,000.00	87
7721	West River Diversion	4,285.71	107,003.18	195,818.00(3)	54
	TOTAL APPROPRIATION	\$160,408.99	\$1,565,788.63	\$3,584,935.00	43

(1) Appropriation \$ 933,792  
 Est. Federal Grant 90,000  
 Trans. from Cont. Fund 49,000  
\$1,072,792

(2) Appropriation \$1,000,000  
 Est. Collections 900,000  
\$1,900,000

(3) Appropriation \$195,818  
 Est. Federal Funds (Unknown)

\*\* 13/24 months - 54.1 percent biennium elapsed

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