

## MINUTES

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

October 5, 1972

The North Dakota State Water Commission held its meeting in the Fred J. Fredrickson Memorial Library in the offices of the State Water Commission on October 5, 1972. Vice Chairman, Richard Gallagher, called the meeting to order at 9:40 a.m.

MEMBERS PRESENT:

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

OTHERS PRESENT:

Vernon Fahy, 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  
 Delton Schulz, Office Engineer, North Dakota State Water Commission,  
 Bismarck  
 Russell Dushinske, Executive Vice President, North Dakota Water Users  
 Association, Inc., Minot  
 Virg Carmichael, North American Coal Corporation, Bismarck  
 Noel F. Mermer, Michigan-Wisconsin Pipe Line Company, Detroit  
 Albert E. Browning, Michigan-Wisconsin Pipe Line Company, Detroit  
 John B. Cox, Michigan-Wisconsin Pipe Line Company, Detroit  
 James P. Cencer, Michigan-Wisconsin Pipe Line Company, Detroit  
 Otes Bennett, Sr., North American Coal Corporation, Cleveland, Ohio  
 Ernest R. Fleck, Attorney at Law, Bismarck  
 Loren Stadig, Business and Industrial Development Department, Bismarck  
 Marv Dutt, Business and Industrial Development Department, Bismarck

CONSIDERATION OF MINUTES  
 OF AUGUST 24, 1972 MEETING

of the August 24, 1972 meeting be dispensed with and be approved as circulated.

It was moved by Commissioner Hanson,  
 seconded by Commissioner Kramer and  
 carried, that the reading of the minutes

FINANCIAL STATEMENT FOR  
MONTH OF AUGUST, 1972

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

of August, 1972. He noted that the Commission has ordered two new vehicles through the Department of Accounts and Purchases, one being a sedan and the other a pickup for the Ground-Water Department. He commented on the various accounts.

After a brief discussion of the financial statement, it was moved by Commissioner Kramer, seconded by Commissioner Hanson and carried, that the Commission accept the financial statement for the month of August, 1972, as presented.

FEDERAL LEGISLATION  
REGARDING NATIONAL  
PROGRAM OF INSPECTION  
OF DAMS  
(#1579)

Secretary Hoisveen indicated that the State Water Commission has been named by the U. S. Army Corps of Engineers to be the focal point for inspection of dams constructed by agencies other than the Corps of Engineers, the Soil Conser-

vation Service, the Bureau of Reclamation, etc. The bill, H.R. 15951, has been passed by both the Senate and the House and was signed into law on August 9, 1972 by the President. Any structure over 25 feet high or which impounds more than 50 acre-feet of water will require an inspection unless it has been recently inspected. He indicated that the State Water Commission does conduct an inspection of their dams during the flood period and the dams in the State are generally in good condition.

The Corps of Engineers is to be allocated \$90 million for this dam safety inspection, portions of which will be made available to the states. The cost of the inspection per dam is estimated at \$1,350.

PRESENTATION BY REPRESENTATIVES  
OF THE NORTH AMERICAN COAL  
CORPORATION AND MICHIGAN-WISCONSIN  
PIPE LINE COMPANY REGARDING THE  
MINING OF COAL AND GASIFICATION  
PLANTS  
(#1495)

Secretary Hoisveen noted that at the last Commission meeting, it was the desire of Commission members to invite representatives from the North American Coal Corporation and Michigan-Wisconsin Pipe Line Company to their next meeting to discuss future strip mining of lignite coal and gasification plants in North

Dakota. The following representatives were present: Virg Carmichael, North American Coal Corporation, Bismarck; Otes Bennett, Sr., North American Coal Corporation, Cleveland, Ohio; Noel F. Mermer, Albert E. Browning, John B. Cox and James P. Cencer, all representing Michigan-Wisconsin Pipe Line Company, Detroit, Michigan; and Ernest R. Fleck, Attorney at Law, Bismarck, representing the two firms.

Representatives of the two firms revealed that consideration was being given to construction of four plants of the lurge

type process for gasification of coal. The plants would each have a production capability of 250 million cubic feet per day and a coal consumptive rate of 80 million tons per plant annually. The plant life was presumed to be 25 years and the water requirements were projected at 15,000 acre-feet consumptive use annually. Additional water would be required for cooling purposes and this quantity of water would depend on the type of cooling facility.

The firm combine is investigating five different locations which are the Dodge-Halliday area, the Beulah area, south Beulah area, Center-Otter Creek area, and the Underwood area.

The leases now held by the coal company yield 17,000 tons of coal per acre and has a heating value of 7,000 BTU. (This compares to a heating value of 9,000 to 11,000 BTU in Montana and Wyoming coal.) In fielding some questions from Commission members, the two firms indicated that the rule of thumb for economic recovery of coal was based on the removal of an average of five feet of cover per foot of coal to depths of 150 feet and a maximum overburden for coal recovery was 10 feet per foot of coal and feasible mining could be accomplished to depths of 200 to 250 feet of overburden. They indicated that pollution through ground water and drainage was no problem in the areas where they held coal leases.

The North American Coal Corporation has initiated reclamation plans for levelling of spoil banks to a gently, rolling plain condition, a topography which presently exists in the mining area. To date, some 60 acres have been levelled and seeded to grass. Studies by the firm indicated that reclamation of lands cost approximately \$900 per acre.

Employment projections by the two firms and the American Gas Association indicate that approximately 300 employees would be required in the mining operations to supply coal for a single plant as is being proposed and an additional 300 employees would be needed for plant operation. It was pointed out that additional employees for the supporting sector, or secondary population effects are two and one-half times as many, or a single plant could conceivably stimulate a population increase of 1500.

On questioning by the Commission members, the Michigan-Wisconsin Pipe Line Company representative replied that the tentative time table called for plant production capability by 1980 and a four-year construction period is required.

Representatives of the two individual firms opined that the nation's energy supplies may well be much more critical than projections indicate. This is principally due to the recovery capability as reserves diminish.

A tour of the area presently being mined and lands reclaimed was tentatively scheduled for early spring. Mr. Virg Carmichael, the area representative for North American Coal Corporation, extended an invitation to guide Commission members on such a tour.

It was recommended by the Commission that photographs of land area reclaimed be taken by the State Water Commission photographer. It was the opinion of the Commission that such photos would be most useful for the legislature in revising present reclamation laws toward the best interests of the State of North Dakota. One of the problems expressed by the coal firm was following physically a definition and direction by law.

The Michigan-Wisconsin Pipe Line Company and the North American Coal Corporation representatives expressed their appreciation for appearing before the Commission during the early stages of planning efforts and indicated a desire to maintain close liaison with the Commission during development of the proposal to preclude any major problems and hopefully develop the best facility which would be acceptable to everyone.

REQUEST FOR A SHEYENNE  
RIVER CHANNEL CHANGE  
(#1344)

Secretary Hoisveen stated that a request has been received from the Southeast Cass Water Management District for a proposed channel relocation in Section 29, Township 139 North, Range 49 West, Cass County, because of an oxbow of the Sheyenne that is seriously damaging an access road used for farming purposes just east of the channel. Moore Engineering of West Fargo has submitted a revised plan and estimate for the channel change. Included in the new plan is a gated culvert to drain the old channel. It is estimated that the proposed channel change will cost \$15,232.60. The Southeast Cass Water Management District has requested state cost participation at 40 percent of the total cost, or an amount not to exceed \$6,093. It was the recommendation of Secretary Hoisveen that the Commission participate in the project, contingent upon the availability of funds.

Commissioner Hanson moved, seconded by Commissioner Kramer and carried, that the State Water Commission participate in the cost sharing for the proposed Sheyenne River Channel Change in an amount not to exceed \$6,093, or 40 percent of the total cost, contingent upon the availability of funds.

REQUEST FROM ATTORNEY  
E.J. BOSCH, MINOT, RELATIVE  
TO DRAINAGE PROBLEM IN  
MOUNTRAIL COUNTY  
(#1130)

a permit to drain this land. Mr. Engen appeared before the County Judge and the County Court dismissed the charge. The lower landowners, at this time, do not intend to drop the matter until the drainage is restored to its original condition to prevent future damages from excessive runoff due to the drainage works.

Cliff Jochim, Special Assistant Attorney General for the State Water Commission, reported that Mr. Otto Engen, Berthold, had been involved in a drainage project over the past several years and he was totally unaware of the State law requiring

Mr. E. J. Bosch of Minot representing the lower landowners, has requested the State Water Commission to institute proceedings for restoration of the drainage that Mr. Engen has done to date.

Mr. Jochim indicated that the Commission does not have the authority to order anybody to stop draining their land although this unlawful drainage is a criminal offense. He recommended that the Commission advise Mr. Bosch of this and if Mr. Engen's case was dismissed without prejudice, suggest that another complaint be signed, and that the Commission will assist the States Attorney in any way possible in prosecuting Mr. Engen, including engineering and legal services.

REQUEST FROM SOUTHEAST  
CASS WATER MANAGEMENT  
DISTRICT REGARDING  
ALTERATIONS IN ORIGINAL  
PLANS AND SPECIFICATIONS  
FOR IMPROVEMENTS IN  
SOUTHEAST CASS WATER  
DISTRICT WATER AND SEWER  
DISTRICT NO. 5  
(#720)

Secretary Hoisveen stated that the Commission had previously granted approval to the Southeast Cass Water Management District for their request to approve plans and specifications for the Southeast Cass Water and Sewer District No. 5, which dealt with a project along Highway #81 south of Fargo. Since that approval, a portion of the plans and specifications have been found economically unfeasible and

they are now requesting approval of these alterations.

It was moved by Commissioner Hanson, seconded by Commissioner Kramer and carried, that the Commission adopt Resolution No. 72-10-331, Approval of Alterations to Plans and Specifications for Improvements in Southeast Cass Water Management District Water and Sewer District No. 5. (See Appendix "A")

FUTURE COMMISSION MEETING

River Basin Commission on October 18 and 19, 1972, at the Holiday Inn. Governor Guy will be honored by the Commission for his efforts in the establishment of the Commission. It was the consensus of the Commission members that a Commission meeting be held at that time.

Secretary Hoisveen indicated that Bismarck will host the next meeting of the Missouri

Commissioner Gray moved, seconded by Commissioner Kramer and carried, that the State Water Commission hold a Commission meeting during the meeting of the Missouri River Basin Commission.

DIVERSION OF WATERS FROM  
THE YELLOWSTONE RIVER AND  
TRIBUTARIES FOR WYOMING  
COAL FIELD DEVELOPMENT

Montana and Wyoming until a future Commission meeting.

Secretary Hoisveen stated that in view of the Governor not being in attendance, he felt that the Commission should defer their discussion of the diversion of Yellowstone River water for use in

WATER PERMITS

Secretary Hoisveen presented 10 water permits to the Commission members for

their consideration and approval. It was the recommendation of Secretary Hoisveen that approval be granted to all 10 permits subject to conditions stated on the permit.

It was moved by Commissioner Kramer, seconded by Commissioner Hanson and carried, that the Commission approve the 10 water permits as presented subject to conditions stated on the permit. (See Appendix "B")

MISSOURI RIVER BANK  
STABILIZATION  
(#576)

Secretary Hoisveen read a telegram from Senator Quentin N. Burdick indicating that the Omnibus Rivers and Harbors Act had been passed by the Senate and was now before the House of Representatives. The 205 Small Flood Control Authority was successful in the Senate and also to increase the funding authorization for snagging and clearing work and emergency roadside bank stabilization. This action was first initiated by the State Water Commission and is national in scope. This should place the Commission in a good position to obtain prompt consideration for such projects from the Corps of Engineers.

He also read a letter from Kenneth E. Belieu, Acting Secretary of the Department of the Army, whereby that Department is objecting to the enactment of H.R. 15293, a bill authorizing construction of certain bank stabilization works on the Missouri River below Garrison Dam. They feel that the situation should be further studied and a report discussing these problems and alternative solutions should be considered by the Congress.

Secretary Hoisveen indicated that he and Vernon Fahy, Assistant Chief Engineer for the State Water Commission, had recently attended the Missouri River Main Stem meeting in Omaha. He feels there is a possibility of incorporating the states of South Dakota, Nebraska, Montana and North Dakota in a bank stabilization program in which the Senators and Representatives of the affected states could join to develop support for the program.

It was moved by Commissioner Hanson, seconded by Commissioner Gray and carried, that Secretary Hoisveen and the Assistant Chief Engineer obtain the opinions of these states at the coming Missouri River Basin Commission meeting for the incorporation of a bank stabilization program.

There being no further business to come before the Commission, the meeting was adjourned at 12:15 p.m.

  
Milo W. Hoisveen, Secretary

ATTEST:

  
William L. Guy, Governor-Chairman

## RESOLUTION 72-10-331

Approval of Alterations to Plans and Specifications for  
 Improvements in Southeast Cass Water Management  
 District Water and Sewer District No. 5.

BE IT RESOLVED by the North Dakota State Water Commission that the plans and specifications for improvements in Water and Sewer District No. 5 of the Southeast Cass Water Management District, Cass County, North Dakota, heretofore prepared by Fargo City Engineer, engineer for said project, be and the same hereby are approved, ratified and confirmed as the plans and specifications in accordance with which said improvements shall be constructed and the Secretary of the Water Management District shall file the same in his office open to public inspection.

NOW, THEREFORE, BE IT RESOLVED by the North Dakota State Water Commission at their meeting held in Bismarck, North Dakota, on this 5th day of October, 1972, that the above stated specififations and plans be hereby approved.

FOR THE NORTH DAKOTA STATE WATER COMMISSION:

  
 WILLIAM L. GUY  
 Governor-Chairman

SEAL

ATTEST:

  
 Milo W. Hoisveen  
 Secretary

WATER PERMITS FOR OCTOBER 5, 1972 AGENDA

NO.	NAME AND ADDRESS	SOURCE	PURPOSE	AMOUNT REQUESTED	COMMENTS & RECOMMENDATIONS
1862	Wells County Water Management District (Edinger Dam) - Fessenden (Wells County)	James River	Recreation	3,735 acre-feet storage plus 1,386 acre-feet annual use from runoff from drainage area plus diversion of 20 cfs from McClusky Canal.	3,735 acre-feet storage plus 1,386 acre-feet annual use including 20 cfs diversion from the McClusky Canal.
1860	Strand, Thor A. - White Earth (Mountrail County)	White Earth River, trib. to Missouri River	Irrigation-Waterspreading	10.0 acre-feet 10.0 acres	10.0 acre-feet 10.0 acres
1843	Hagge, Marvin - Minot (McLean County)	Ground Water and Garrison Reservoir	Irrigation	480.0 acre-feet 312.0 acres	480.0 acre-feet 312.0 acres
1861	Goheen, Ivan - Minot (McHenry County)	Ground Water	Irrigation	468.0 acre-feet 312.0 acres	468.0 acre-feet 312.0 acres
1864	Oliver County Water Management District - Center (Oliver County)	Unnamed Branch, trib. to Square Butte Creek and Missouri River	Flood Control	6550.0 acre-feet flood storage 252.0 acre-feet annual use	6,550.0 acre-feet flood storage 252.0 acre-feet annual use

NO.	NAME AND ADDRESS	SOURCE	PURPOSE	AMOUNT REQUESTED	COMMENTS & RECOMMENDATIONS
1866	Dietz, John P. - Belfield (Stark County)	Unnamed Intermittent Draw, trib. to Nor- wegian Creek and the Heart River	Recreation	33.5 acre-feet storage 15.0 acre-feet annual use	33.5 acre-feet storage 15.0 acre-feet annual use
1867	Symionow, Nick - Fairfield (Billings County)	Intermittent Draw, trib. to Knife River	Recreation	107.0 acre-feet storage 60.0 acre-feet annual use	107.0 acre-feet storage 60.0 acre-feet annual use
1859	Venturia, City of - Venturia (McIntosh County)	Ground Water	Municipal	18.0 acre-feet	18.0 acre-feet
1869	Glen Ullin, City of - Glen Ullin (Morton County)	Ground Water	Municipal	360.0 acre-feet	360.0 acre-feet
1871	Pesek, Emil - Alexander (McKenzie County)	Unnamed Draw, trib. to Timber Creek and Missouri River	Irrigation	72.0 acre-feet 38.8 acres	72.0 acre-feet storage 51.6 acre-feet annual use 38.8 acres

NORTH DAKOTA STATE WATER COMMISSION  
 FINANCIAL STATEMENT SEPT. 30, 1972  
 1971-73 APPROPRIATIONS

C5-1.2

	Available Funds APPROPRIATION	Funds RECEIPTS	Disbursements TO DATE      SEPT. '72		Account Balances UNEXPENDED    ENCUMB.    UNENCUMB.		
<b>GENERAL OPERATIONS: ACCOUNT</b>							
1001-Salaries Expense (1)	\$ 919,621.00	\$ -	\$ 510,373.49	\$36,782.26	\$ 409,247.51	\$ -	\$ 409,247.51
2001-Fees & Services	162,625.00	-	85,258.92	6,840.69	77,366.08	-	77,366.08
2051-Data Processing	4,500.00	-	2,489.77	159.15	2,010.23	-	2,010.23
3001-Supplies & Materials	163,600.00	-	91,294.43	5,836.57	72,305.57	-	72,305.57
4001-Equipment	25,000.00	-	11,807.69	-	13,192.31	-	13,192.31
7701-Red Basin Comm.	<u>60,000.00</u>	<u>-</u>	<u>45,149.17</u>	<u>-</u>	<u>14,850.83</u>	<u>-</u>	<u>14,850.83</u>
<b>TOTAL GENERAL OPERATIONS</b>	<b>\$1,335,346.00</b>	<b>\$ -</b>	<b>\$ 746,373.47</b>	<b>\$49,618.67</b>	<b>\$ 588,972.53</b>	<b>\$ -</b>	<b>\$ 588,972.53</b>
7721-West River Diversion	\$ 100,000.00	\$ -	\$ 50,360.49	\$ 5,858.41	\$ 49,639.51	\$ -	\$ 49,639.51
<b>CONTRACT FUND:</b>							
336-770-Contract "Cash"	\$1,000,000						
Contract Collections	900,000	\$1,900,000					
Collections to Date			\$422,701.90				
Transfer from 001 to 336			300,000.00				
			\$ 677,843.60	\$12,832.05	\$1,222,156.40	\$(2)	\$1,222,156.40
<b>TOTAL CONTRACT FUND</b>	<b><u>\$1,900,000.00</u></b>	<b><u>\$722,701.90</u></b>	<b><u>\$ 677,843.60</u></b>	<b><u>\$12,832.05</u></b>	<b><u>\$1,222,156.40</u></b>	<b><u>\$(2)</u></b>	<b><u>\$1,222,156.40</u></b>
<b>GRAND TOTALS</b>	<b><u>\$3,335,346.00</u></b>	<b><u>\$722,701.90</u></b>	<b><u>\$1,474,577.56</u></b>	<b><u>\$68,309.13</u></b>	<b><u>\$1,860,768.44</u></b>	<b><u>\$ -</u></b>	<b><u>\$1,860,768.44</u></b>

(1) Includes \$88,550.00 Federal Grants

(2) Contract Fund commitments shown on projects authorized list dated August 15, 1972

## NORTH DAKOTA STATE WATER COMMISSION

## PAYROLL - August 1972\*

<u>NAME</u>	<u>POSITION</u>	<u>REMARKS</u>	<u>GROSS</u>
HOISVEEN, MILO W.	STATE ENGINEER	INC. JULY '72	\$ 1,875.00
BAESLER, GORDON	WATER RIGHTS TECHNICIAN	INC. JULY '72	850.00
BALLIET, ALLEN	RODMAN	INC. JULY '72	575.00
CHRISTENSEN, RAYMOND	CONSTRUCTION ENGINEER	INC. JULY '72	945.00
DALLY, ANTOINETTE	STENOGRAPHER	INC. JULY '72	430.00
EMERSON, MATT	ASSISTANT SECRETARY	INC. JULY '72	1,265.00
FROELICH, LARRY	GEOLOGIST	INC. JULY '72	1,015.00
GALLAGHER, RICHARD	COMMISSIONER	STA. JULY '61	15.00
GEHRING, OSCAR	LAB TECHNICIAN	INC. JULY '72	655.00
GRAY, GORDON	COMMISSIONER	STA. JULY '70	60.00
GRUNSETH, ARLAND	INVESTIGATIONS ENGINEER	INC. JULY '72	1,145.00
HANSON, WILLIAM	DRAFTSMAN	INC. JULY '72	560.00
HOETZER, STEVE	ASSISTANT DESIGN ENGINEER	INC. JULY '72	945.00
JOCHIM, CLIFFORD	ATTORNEY	INC. JULY '72	1,350.00
JUNGROTH, JAMES	COMMISSIONER	STA. SEPT. '67	15.00
KLAPPRODT, LEROY	ENGINEER TECHNICIAN	INC. JULY '72	570.00
KLING, THOMAS	SOILS TECHNICIAN	STA. SEPT. '71	420.00
KNOLL, JAMES	OPERATOR	INC. JULY '72	620.00
KNUTSON, LEWIS	DRILLER	INC. JULY '72	795.00
KOCH, KAY	ACCOUNTANT	INC. JULY '72	315.00
KRAMER, ALVIN	COMMISSIONER	STA. APRIL '70	15.00
LAW, DAVID	ENGR. TECHNICIAN	RES. AUG. '72	546.44
LINDVIG, MILTON	GROUND-WATER ENGINEER	INC. JULY '72	1,265.00
LOCKEN, SHARON	CHIEF STENOGRAPHER	INC. JULY '72	650.00
MEES, LADARANA	FIELD ENGINEER	INC. JULY '72	880.00
MURI, GARVIN	CHEMIST	INC. JULY '72	940.00
NAPLIN, CHARLES	GEOLOGIST	INC. JULY '72	955.00
NEAL, DEAN	LAB TECHNICIAN	STA. SEPT. '71	222.00
NELSON, C. P.	DRAINAGE ENGINEER	INC. JULY '72	1,200.00
OHNSTAD, DONALD	PLANNING ENGINEER	INC. JULY '72	1,170.00
PUTZ, ROY	OFFICE ASSISTANT	INC. JULY '72	525.00
SACKMAN, EUGENE	SURVEYOR	INC. JULY '72	795.00
SCHMID, ROGER	GROUND-WATER HYDROLOGIST	INC. JULY '72	1,125.00
SCHULZ, DELTON	OFFICE ENGINEER	INC. JULY '72	1,470.00
SCOTT, LLOYD	CHIEF DRAFTSMAN	INC. JULY '72	785.00
SENGER, ANTON	CONSTRUCTION INSP.	INC. JULY '72	580.00
SIEMS, MYRNA	STENOGRAPHER	INC. JULY '72	360.00
SPEAKS, GLENN	OPERATOR	INC. JULY '72	640.00
SVIHLA, ROSALIE	STENOGRAPHER	INC. JULY '72	380.00
SWANSON, RONALD	DESIGN ENGINEER	INC. JULY '72	1,115.00
THOMAS, NELDA	DIR. OF INFORMATION	INC. JULY '72	875.00
THOMAS, ROBERT	ASST. DRILLER	STA. JUNE '72	500.00
TILLOTSON, ANN	RESEARCH ASSISTANT	INC. JULY '72	500.00
ULRICH, ROGER	RODMAN	INC. JULY '72	540.00
WALTERSON, HOWARD	CONSTRUCTION SUPT.	INC. JULY '72	805.00
WELCH, CYNTHIA	STENOGRAPHER	STA. SEPT. '70	325.00
WERNER, ROBERT	DRAFTSMAN	INC. JULY '72	530.00
SWC GROUP INC.			270.00
SWC RET-MATCHING			1,190.40
SOCIAL SECURITY			1,208.42
			<u>\$36,782.26</u>

\*Pd. in September

## NORTH DAKOTA STATE WATER COMMISSION

OBJECT BUDGET COMPARISON  
1971-1973 BIENNIUMOctober 17, 1972  
SWC File C5-1.4

OBJ. CODE	OBJECT DESCRIPTION	SEPT. 1972 EXPEND.	JULY 1, '71 SEPT. 30, '72 EXPEND.	BUDGET	EXP. % OF BUDGET TIME	
					SAL. STD	62.5%** 58%
1000	Salaries	\$34,113.44	\$ 468,422.79	\$ 840,121.00		55%
1820	OASIS	-	352.94	4,400.00		8%
1830	Social Security	1,208.42	18,995.15	34,000.00		56%
1840	Hospital Insurance	270.00	3,970.30	7,500.00		53%
1850	Workmen's Compensation	-	2,306.38	3,600.00		64%
1880	State Retirement	1,190.40	16,325.93	30,000.00		54%
	TOTAL SALARIES AND WAGES	\$36,782.26	\$ 510,373.49	\$ 919,621.00	(1)	55%
2110	Meals & Lodging	\$ 3,844.13	\$ 37,012.55	\$ 77,325.00		48%
2120	Personal Vehicle Mileage	108.24	4,182.84	8,000.00		52%
2130	Comm. Transportation	226.19	7,557.38	12,000.00		63%
2150	Misc. Travel	14.80	1,459.24	3,000.00		49%
2210	Water-Garbage	5.40	105.20	300.00		35%
2220	Natural Gas	3.00	477.90	1,000.00		48%
2230	Electricity	27.00	496.18	900.00		55%
2310	Rental-Equipment	205.00	1,835.66	2,500.00		73%
2360	Rent-Bldg. Space	-	20.00	500.00		6%
2410	Postage	206.49	2,379.34	4,000.00		59%
2420	Telephone	211.54	2,975.73	5,000.00		59%
2510	Repair Equipment	82.66	3,331.30	12,000.00		28%
2513	Maintenance Contracts	112.00	3,097.85	4,000.00		77%
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	72.00	171.00	2,500.00		7%
2619	Microfilm Service	338.50	4,202.54	-		-
2650	Consulting Fees	-	375.00	1,500.00		25%
2682	Photographer Fees	79.00	2,788.45	6,000.00		46%
2699	Misc. Professional Fees	1,250.00	8,103.25	12,000.00		67%
2710	Fidelity Bond	-	10.00	-		-
2720	Property Insurance	-	963.00	700.00		137%
2730	Liability Insurance	-	439.00	900.00		49%
2911	Radio-Newspaper Fees	45.20	218.64	300.00		73%
2912	Rewards-Premiums	-	32.76	500.00		6%
2914	License & Taxes	-	323.00	700.00		46%
2915	Dues	-	1,458.33	2,000.00		73%
2916	Freight	9.54	402.53	1,500.00		27%
2999	Miscellaneous	-	607.62	1,000.00		61%
	TOTAL FEES AND SERVICES	\$ 6,840.69	\$ 85,258.92	\$ 162,625.00		52%
2618	Data Processing	\$ 159.15	\$ 2,489.77	\$ 4,500.00		55%
	TOTAL DATA PROCESSING	\$ 159.15	\$ 2,489.77	\$ 4,500.00		55%

-2-

OBJ. CODE	OBJECT DESCRIPTION	SEPT. 1972 EXPEND.	JULY 1, '71 SEPT. 30, '72 EXPEND.	BUDGET	EXP. % OF BUDGET TIME STD. 62.5%**
3100	Office Supplies	\$ 356.17	\$ 9,626.30	\$ 19,000.00	51%
3105	Central Reproduction	260.09	1,434.44	2,500.00	57%
3110	Data Processing Supplies	-	-	200.00	-
3120	Printing	1,115.30	2,106.13	17,500.00	12%
3130	Books, Maps, Subscriptions	46.00	2,040.60	5,000.00	41%
3132	Films	68.01	3,126.76	3,400.00	92%
3600	Hardware & Bldg. Supplies	2,006.48	40,716.50	50,000.00	81%
3700	Petroleum Supplies	1,536.72	17,546.98	35,000.00	50%
3800	Equipment Repair Parts	447.80	14,611.44	29,000.00	50%
3959	Miscellaneous	-	85.28	2,000.00	4%
	TOTAL SUPPLIES & MATERIALS	\$ 5,836.57	\$ 91,294.43	\$ 163,600.00	56%
4100	Office Equipment	\$ -	\$ 2,327.60	\$ 1,500.00	155%
4300	Motor Vehicles	-	9,128.64	23,000.00	39%
4400	Machines & Equipment	-	351.45	500.00	70%
	TOTAL EQUIPMENT	\$ -	\$ 11,807.69	\$ 25,000.00	47%
7701	Basins Commission	\$ -	\$ 45,149.14	\$ 60,000.00	75%
7721	West River Diversion	\$ 5,858.41	\$ 50,360.49	\$ 100,000.00	50%
	TOTAL GENERAL OPER. APPROP.	\$ 55,477.08	\$ 776,733.96	\$ 1,435,346.00	54%
5500	Contract Payments	\$ 12,832.05	\$ 677,843.60	\$ 1,900,000.00 (2)	35%
	TOTAL STATE WATER COMM. BUDGET	\$ 68,309.13	\$ 1,474,577.56	\$ 3,335,346.00	44%
(1)	Appropriation	\$ 831,071.00	(2)	Appropriation	\$ 1,000,000.00
	Federal Grant	88,550.00		Est. Contract	
		\$ 919,621.00		Fund Collection	900,000.00
					\$ 1,900,000.00

\*\*15/24 months = 62.5 percent biennium elapsed

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