MINUTES NORTH DAKOTA STATE WATER COMMISSION Held in Regency Room, Town House Motel Fargo, North Dakota August 3, 1967

Members Present:

Richard Gallagher, Vice Chairman, Mandan Henry Steinberger, Member from Donnybrook Harold Hanson, Member from New England Russell Dushinske, Member from Devils Lake Milo W. Hoisveen, State Engineer, Chief Engineer and Secretary State Water Commission, Bismarck

Others Present:

Alan Grindberg, Assistant Chief Engineer, State Water Commission, Bismarck

Vice Chairman Gallagher presided.

MINUTES OF JUNE 30, 1967

Commissioner Dushinske moved that the minutes be approved as circulated. Commissioner Steinberger seconded, all voted aye.

FINANCIAL STATEMENTS FOR JUNE AND JULY 1967

A discussion was had on the report of expenditures during the last biennium and on the report of monies available

for this coming biennium. Commissioner Hanson moved that the financial statements be approved, Commissioner Dushinske seconded, all voted aye.

GRAFTON RAILROAD DAM (#660)

This dam was turned over to the city of Grafton by the Great Northern Railroad Company a number of years ago. The

structure is in such a condition that it could fail at any time. This structure is urgently needed to insure Grafton an adequate supply of municipal water. This dam acts in conjunction with another dam two and a half miles downstream. The lower dam acts as a pumping forebay for the municipal water supply. Both dams have been repaired by the Commission. The two dams act as a unit and both are necessary to the city. A contract was let for this project prior to Commission approval. This, however, can be cancelled.

Commissioner Hanson moved that the Water Commission participate in the reconstruction of Grafton Railroad Dam to the extent of 50%, estimated to be \$42,250, and that the Commission ratify all action taken prior to this time by the Secretary. Commissioner Dushinske seconded, all voted aye.

Although a county-wide study has been MAKOTI WATER SUPPLY made in Ward County the study is not (#1470) sufficiently extensive to define all the aquifers in that county. Makoti, a city in Ward County, is short of water and more information is needed to delineate the extent of the quality of the aquifer and the quality of the water available. Makoti has requested that

the Water Commission participate with them to the extent of \$1,000 to find water for a municipal supply.

Commissioner Steinberger moved that the Commission approve participation in the Makoti municipal ground-water survey to the extent of \$1,000. Commissioner Dushinske seconded, all voted aye.

BUXTON GROUND WATER SURVEY (#741) a 50-50 basis at a cost of \$1,500. The project is slightly more expensive than

the Makoti ground-water study, due to the fact that it is generally more difficult to locate quality water in the Red River Valley.

Commissioner Dushinske moved that the Commission participate in the Buxton ground-water survey to the extent of \$1,500. Commissioner Hanson seconded, all voted aye.

BENSON-PIERCE COUNTY GROUND-WATER SURVEY (#941) Secretary Hoisveen reported that at the last meeting of the Commission, Water Management Districts were created in Benson and Pierce Counties. Benson and

Pierce Counties have contacted the Water Commission and requested county-wide ground-water surveys. It is anticipated that agreements will soon be signed if the State Water Commission approved. This study would start about September 1. This survey will fill out the program to the level where the State Water Commission staff hopes to maintain it.

Commissioner Dushinske moved that the Water Commission participate in the Benson-Pierce County-wide ground-water survey to the extent of \$45,400. Commissioner Hanson seconded, and all voted aye.

MISSOURI RIVER BANK STABILIZATION (#576) A letter has been received from Senator Young in regard to some material which was sent to our Senators to use in con-

nection with the bill introduced to secure additional bank rectification works in the Missouri River. There has not been much information on how this bill is progressing. If the bill passes, there will be \$7 million worth of new work and the Federal Government will assume the operation and maintenance of the entire project. Secretary Hoisveen read a letter from Senator Young to the effect that the report from the Corps of Engineers is being awaited. If the report is favorable, all that will be needed will be a letter from the Commission. If the report of the Corps of Engineers is adverse, then Senator Young recommends that Hoisveen, Governor Guy and others appear before the Committee and support this legislation.

COMPREHENSIVE STATE WATER PLAN (#322) The annual report on the progress of the Comprehensive State Water Plan was reviewed.

Commissioner Dushinske moved that the report be adopted and that the staff of the Water Commission be commended for its fine progress in preparing this Comprehensive Plan. Commissioner Steinberger seconded, and all voted aye. NAME CHANGE OF SNAKE CREEK REFUGE (#826) Secretary Hoisveen read a letter from the U. S. Bureau of Sport Fisheries and Wildlife to the effect that that agency has changed the name of the Snake Creek

Wildlife Refuge to the Audubon National Wildlife Refuge. This is in response to a resolution passed by the Commission at an earlier date.

DRAINAGE PERMITS

Secretary Hoisveen called on Mr. Grindberg to report on the procedure

which might be used in acting on requests for drainage on areas having 80 acres or more. Section 61-01-22 requires that any landowner intending to drain a slough or pothole having a drainage area of 80 acres or more secure a permit from the Commission. Mr. Grindberg reported that the law prohibits the State Engineer from granting the permit where there would be flooding resulting unless the landowner desiring to drain secures easements from all landowners downstream. Mr. Grindberg reported that there are no other criteria given in the legislation as to other situations where permits might be denied or whether they must be given.

Commissioner Hanson moved that the Commission staff study this problem further and bring its recommendations to the Commission. Commissioner Dushinske seconded, and it was carried.

SCOPHAMMER DAM (#1477) Commissioner Steinberger reported on the condition of Scophammer Dam which is located in Renville County. He reported

that this is a WPA dam, built in the 1930's. It backs up 18 feet of water. It went out in the 1930's and the county had it rebuilt to the same height with an overflow pipe and a smaller gated pipe in the bottom. The smaller pipe is an 18 inch outlet pipe with a slide gate and catwalk. Ice has now broken this apart and the gate is now leaking. Commissioner Steinberger reported that local people did not want to lose this structure and that he had contacted the Commission office and an inspection had been made by one of the engineers on the staff.

Secretary Hoisveen reported that one of the Commission employees had prepared an estimate and the repairs would run close to \$3,000. If the county wanted to do the work it might run less. The county or the local water management district could act as a local sponsor to assist in this repair and share 50 per cent of the cost.

Commissioner Steinberger moved that the Commission agree to participate in the repair of Scophammer Dam to the extent of 50% if an agreement can be reached with a local entity to share the other 50%. Commissioner Hanson seconded, and it was carried.

Secretary Hoisveen read a resolution SHEYENNE RIVER FLOOD CONTROL from Pilot Mound Township, Griggs (COOPERSTOWN DAM #1344) County, in regard to the Cooperstown Dam. This resolution expressed the opposition of the township board to the construction of the dam as proposed by the Corps of Engineers. Receipt of the resolution was noted. Commissioner Dushinske moved that GARRISON DIVERSION UNIT Secretary Hoisveen be directed to (#237) confer with the Bureau of Reclamation officials to determine the proposed changes in regard to sprinkler irrigation and if they are likely to cause delays in the construction of any part of the Garrison Diversion Project, seconded by Commissioner Hanson, all voted aye. The application of William Gulke, WATER RIGHTS Ellendale, to divert 88 acre-feet of water from ground water sources #1459 and the Elm River (Pheasant Lake) to irrigate 88 acres of land was presented to the Commission by the Secretary for consideration. The State Engineer, Milo W. Hoisveen, having considered the application and recommended that the same be denied, it was moved by Commissioner Hanson, seconded by Commissioner Dushinske and carried that the application be denied. At the request of Secretary Hoisveen #953 the water permit of the State Game and Fish Department was withheld from consideration at this time. The application of Wachter Real Estate #1460 Trust & Dakota Sand & Gravel Company, Bismarck to divert 50 acre-feet from ground water sources for industrial use was presented to the Commission by the Secretary for consideration. The State Engineer, Milo W. Hoisveen, having considered the application and made his recommendation thereon for 50 acre-feet for industrial use, it was moved by Commissioner Hanson, seconded by Commissioner Dushinske and carried that the application be approved and the conditional permit granted for the diversion of 50 acre-feet annually for industrial use, subject to such conditions as indicated on the permit. The application of Rhine J. Klaudt, #1461 Linton to divert 20 acre-feet of water from an Unnamed Tributary to Beaver Creek and Missouri River, to irrigate 20 acres of land was presented to the Commission by the Secretary for consideration. The State Engineer, Milo W. Hoisveen, having considered the application and made his recommendation thereon for 20 acre-feet to irrigate 20 acres_of land, it was moved by Commissioner Hanson, seconded by Commissioner Dushinske and carried that the application be approved and the conditional permit granted for the diversion of 20 acre-feet to irrigate 20 acres of land, subject to such conditions as indicated on the permit.

105.

The application of Price Brothers, Hensler, to divert 1886 acre-feet of water from the Missouri River and ground-water to irrigate 943 acres of land was presented to the Commission by the Secretary for consideration.

The State Engineer, Milo W. Hoisveen, having considered the application and made his recommendation thereon for 1886 acre-feet to irrigate 943 acres of land, it was moved by Commissioner Hanson, seconded by Commissioner Dushinske and carried that the application be approved and the conditional permit granted for the diversion of 1886 acre-feet to irrigate 943 acres of land, subject to such conditions as indicated on the permit.

#1458

The application of Paul F. Martin of Buford to divert 156 acre-feet of water from an unnamed intermittent draw tributary to the Yellowstone River to irrigate 78.3 acres of land was presented to the Commission by the Secretary for consideration.

The State Engineer, Milo W. Hoisveen, having considered the application and made his recommendation thereon for 78.3 acre-feet to irrigate 78.3 acres of land, it was moved by Commissioner Hanson, seconded by Commissioner Dushinske and carried that the application as modified by the recommendation of the State Engineer be approved and the conditional permit granted for the diversion of 78.3 acre-feet to irrigate 78.3 acres of land, subject to such conditions as indicated on the permit.

The application of O. L. Hagen, #1463 Bismarck, to divert 70 acre-feet of water from the Missouri River to irrigate 33 acres of land was presented to the Commission by the Secretary for consideration.

The State Engineer, Milo W. Hoisveen, having considered the application and made his recommendation thereon for 66 acre-feet to irrigate 33 acres of land, it was moved by Commissioner Hanson, seconded by Commissioner Dushinske and carried that the application as modified by the State Engineer be approved and the conditional permit granted for the diversion of 66 acre-feet to irrigate 33 acres of land, subject to such conditions as indicated on the permit.

#1464

The application of Tony J. Rebel, Richardton, to divert 22 acre-feet for storage plus 9 acre-feet annual use from an intermittent draw tributary to Heart River for recreation (fish dam) was presented to the Commission by the Secretary for consideration.

The State Engineer, Milo W. Hoisveen, having considered the application and made his recommendation thereon for 22 acre-feet for storage plus 9 acre-feet annual use, it was moved by Commissioner Hanson, seconded by Commissioner Dushinske and carried that the application be approved and the conditional permit granted for the diversion of 22 acre-feet for storage plus 9 acre-feet annual use, subject to such conditions as indicated on the permit.

Mila W. Hoisveen Secretary

ATTEST: Governor-Chai

106.

NORTH DAKOTA STA JWATER COMMISSION

FINANCIAL STATEMENT - AUGUST 31, 1967

1967 - 1969 APPROPRIATIONS

	Available Funds		Disbursements		Account Balances		
	APPROPRIATION	RECEIPTS	TO DATE	AUG. '67	UNEXPENDE	D ENCUMB.	UNENCUMB
GENERAL OPERATIONS: ACCOUNT							
1007 - Salaries Expense 642,269.00							
(transfer) <u>16,650.00</u>	658,919.00		60,825.96	29,631.82	598,093.04	-	598,093.04
2007 - Fees & Services	126,000.00	-	8,230.60	7,110.68	117,769.40	-	117,769.40
3007 - Supplies & Materials	145,000.00	-	8,971.66	6,744.66	B6,028.34	-	136,028,34
4007 - Equipment	35,000.00	-	1,708.01	1,660.05	33,291.99	-	33,291.99
7007 - Red Basin Comm.	95,000.00	-	20,000.00	-	75,000.00		75,000.00
	1,059.919.00		99,736.23	45,147.21	960,182.77		960,182.77
ONTRACT FUND:							
001-770- Contract "Approp."	845,923.00	-			845,923.00	399,921.35	446,001.65
336-770- Contract "Cash"	443,646.46	39,884.00	180,479.81*	95,501.14	303,050.65	303,050.65	-
-5. 22	1,289,569.46	39,884.00	180,479.81*	95,501.14	1,148.973.65	702,972.00	446,001.65
GRAND TOTALS	2,349,488.46	39,884.00	280,216.04	140,648.35	2,109,156.42	702.972.00	1 406 184 42

SWC File C5-1.2

* \$16,650 transfer to Salaries & Wages from Contract Fund-Aug.'67. Included as Disbursement in Col.3 - Disb. to date - Fund 336-770.

NORTH DAKOTA STATE WATER COMMISSION STATUS OF CONSTRUCTION BOND GUARANTEE FUND AS OF AUGUST 31, 1967

ACCOUNT	Available Funds		Disbursements		Account Balances			
	APPROPRIATION	RECEIPTS*	TO DATE	AUG.'67	UNEXPENDED	ENCUMB.	UNENCUMB.	
35-770- CONST. BOND GUAR.	90,000.00	29,775.54	25,804.09					
500 INVESTMENT PRIN	•		29,004.09	.00	93,971.45	•00	93,971.45	
0500 INVESTMENT PRIN.	15,000.00	.00	.00	.00	15,000.00	.00	15,000.00	
	105,000.00	29,775.54	25,804.09	.00	108,971.45	.00	108,971.45	

NOTE - FUND #535-770 RECEIPTS ARE OBTAINED FROM RETIREMENT OF AND INTEREST ON SECURITIES THAT WERE IN THE COMMISSION'S SINKING FUND IN EXCESS OF THE AMOUNT REQUIRED TO RETIRE THE SERIES "J" BOND ISSUE ON DECEMBER 10/57. ORIGINAL DISBURSE-PROVIDES THAT THE COMMISSION MAY GUARANTEE OR INSURE OR AGREE TO PAY THE INETEREST ON AND PRINCIPAL OF COMMISSION REVENUE BONDS NOT EXCEEDING 20% OF THE PAR VALUE OF ANY SUCH BONDS.

SCHEDULE OF BONDS & INTEREST RECEIVABLE - FUND 535-770

ТҮРЕ	DUE DATE	INTEREST	INTEREST RECEIVABLE TO MATURITY	PRINCIPAL	TOTAL INCOME ANTICIPATED
U. S. TREASURY BONDS	12-68	2.50%	112.50	3,000	3,112.50
SIOUX IRRIG. DIST. BONDS	1984 SERIALLY	2.25%	3,138.75	12,000	15,138.75
EXCESS OVER \$90,000 CASH I	N EUND 525-770 TO D		3,251.25	15,000	18,251.25
EXCESS OVER \$90,000 CASH I	N PUNU 555-770 10 B	E CREDITED TO	GENERAL FUND. 1-2/58 ATTORN	EY GENERAL'S OPIN	ION.

Receipts:*		
RETIREMENT OF BONDS INTEREST ON BONDS SINKING FUND CASH	\$17,000.00 8,643.55 <u>4,131.99</u> \$29,775.54	

* ACCUMULATION OF RECEIPTS TO BOND GUARANTEE FUND SINCE FUND CREATED IN 1939.

NORTH DAKOTA STATE "ATER COMMISSION

PAYROLL - AUGUST, 1967

NAME	POSITION	REMARKS	GROSS	W/TAX	S.S.	INS.	RET.	NET
HOISVEEN, MILO W.	STATE ENGINEER	INC. JUN'67	1,525.00	252.00	-	18.80	61.00	1,193.20
ANDERSON, DONALD	RODMAN	STA. JUL'67	350.00	44.30	15.40	3.95	-	286.35
ANDERSON, KAREN	STENO	INC. JUN'67	335.00	46.50	14.74	-	13.40	260.36
BAESLER, GORDON	DRAFTSMAN	INC. JUN'67	620.00	74.90	27.28		24.80	493.02
BALLIET, ALLEN	RODMAN -	INC. JUN ¹ 67	390.00	28.60	17.16	17.05	15.60	= 311.59
CHRISTENSEN, RAY	ENGR. AID	INC. JUN'67	535.00	69.50	23.54	18.80	21.40	401.76
DELZER, DONALD	CHEMIST	INC. NOV'66	630.00	84.80	27.72	18.80	-	498.68
DIEDE, JANE	STENO	INC. JUN'67	310.00	37.50	13.64	3.95	-	254.91
DONALDSON, DAV ID	G.W. TECH	INC. JUN'67	450.00	62.40	19.80	4.50	18.00	345.30
DUSHINSKE, RUSSELL	COMMISSIONER	STA. JUL'61	45.00	-	1.98	-	-	43.02
EMERSON, MATT	W.R. ENGR	INC. JUN ¹ 67	700.00	88.50	30.80	19.30	28,00	533.40
FALCONER, HARRY	DRAFTSMAN	INC. AUG '67	475.00	66.40	20.90	-	19.00	368.70
FREDRICKSON, FRED	COORD INATOR	INC. JUN'67	875.00	125.00	31.90	4.00	35.00	679.10
FROELICH, LARRY	G.W. GEOL	INC. JUN'57	720.00	108.80	31.68	18.80	28.80	531.92
FROEMMING, DALE	ENGR. AID	INC. JUN'67	450.00	62.40	19.80	4.50	18.00	345.30
GALLAGHER, RICHARD	COMM ISS IONER	STA, JUL'61	45.00	8 	1.98	-	-	43.02
GLOVER,DALE	OFF. ENGR	INC. JUN ¹ 67	890.00	175.00	30.58	-	35.60	648.82
GRINDBERG, ALAN	ASST.STATE ENGR.	INC. JUN ¹ 67	1,100.00	152.30	С.,	18.80	44.00	884.90
GRUNSETH, ARLAND	INV. ENGR	INC. JUN'67	785.00	82.30	34.54	18.80	31.40	617.96
HANSON, CAROL	STENO	INC. JUN'67	300.00	46.10	13.20	3.95	-	236.75
HANSON, HAROLD	COMM ISS IONER	STA, JUL'65	45.00	2 -	1.98	-	-	43.02
HILAND, LEONE	CHIEF STENO	INC. JUN 67	520.00	90.10	22.88	4.50	20.80	381.72
JACOBSON, HUGH	ASST DRILL	INC. JUN'67	425.00	17.40	18.70	-	17.00	371.90
JOCHIM, CLIFF	ATTORNEY	INC. JUN ¹ 67	500.00	77.20	-	18.80	20.00	384.00
KNUTSON, LEWIS	DRILLER	INC. JUN'67	550.00	35.40	24.20	-	22.00	468.40
KOCH, KAY	ACCOUNTANT	STA. JUL'67	400.00	59.00	17.60	18.80	5.00	299.60
KRENZ, EUGENE	RES. PLANNER	INC. AUG '67	825.00	79.20	36.30	18.80	33.00	657.70
LINDVIG, MILTON	G.W. ENGR	INC. JUN'67	840.00	116.00	36.96	18.80	33.60	634.64
MALATERRE, THOMAS	PARTY CHIEF	STA, MAR ¹ 67	475.00	32.20	20.90		19.00	402.90
MURI, GARVIN	CHEMIST	STA, JUN'67	575.00	66.40	25.30	18.80	-	464.50
NAPLIN, CHARLES	GEOLOG IST	STA, JUN'67	575.00	86.40	25.30	-	-	463.30
NELSON, C.P.	DRAIN ENGR	INC. JUN'67	840.00	139.30	36,96	-	33.60	630.14

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NAME	POSITION	REMARKS	GROSS	W/TAX	S.S.	INS.	RET.	<u>)</u> NET	
PUTZ, ROY	OFF, ASST	INC. JUN'67	365.00	37.10	16.06	3.95	14.60	293.29	
SACKMAN, EUGENE	SURVEYOR	INC. JUN'67	565.00	47.20	24.86	18.80	22,60	451.54	
SCHANTZ, GEORGE	ENGR. AID	INC. JUN ¹ 67	420.00	43.70	18.48	-17.55	16.80	323.47	
SCHMID, ROGER	G.W. HYDROL	INC. JUN'67	770.00	82.30	33.88	18.80	30.80	604.22	
SCHULZ, DELTON	CONST. ENGR	INC. JUN'67	860.00	105.80	37.84	18.80	34.40	663.16	
SCHULZ, JIM	ASST. SECY	INC. JUN 67	960.00	128.30	5.72	18,80	38.40	768.78	
COTT, CLIFF	DESIGN ENGR	INC. JUN'67	810.00	108.90	35.64	18.80	32.40	614.26	
ENGER, ANTON	OPERATOR	INC. JUN ¹ 67	500.00	66.10	22.00	_	-	411.90	
IMENSON, KENNETH	REC. ENGR	INC. JUN'67	760.00	72.40	33.44	18.80	30.40	604.96	
PEAKS, GLENN	FOREMAN	INC. JUN ¹ 67	440.00	37.90	19.36	17.05	17.60	348.09	
TE INBERGER, HENRY	COMMISSIONER	STA. JUL'61	45.00	0	1.98		-	43.02	
ILLOTSON, ANN -	RES. ASST	INC. JUN'67	335.00	41.60	14.74	3.95	13.40	261.31	
AN DYKE, MERLINE	PROJ. ENGR	INC. JUN'67	820.00	89.10	36.08	18.80	32.80	643.22	
OELLER, PIUS	FOREMAN	INC. JUN'67	550.00	9.30	24.20	17.05	22.00	477.45	
ALTERSON, HOWARD	CONST. SUPT	INC. JUN ¹ 67	600.00	74.90	26.40	18.80	24,00	455.90	
ENTZ, STANLEY	ASST RES PLAN	STA. JUN'67	600.00	45.90	26.40	18.80	-	508.90	
	- 34		170.00			170.00		.00	
WC RET. MATCHING	1		928.20				928.20	.00	
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