MINUTES

NORTH DAKOTA STATE WATER COMMISSION
Special Meeting Held in Bowman, North Dakota
September 24, 1969

MEMBERS PRESENT:

Governor William L. Guy, Chairman
Richard P. Gallagher, Member from Mandan
Russell Dushinske, Member from Devils Lake
Harold Hanson, Member from New England
Milo W. Hoisveen, State Engineer, Chief Engineer and
Secretary, State Water Commission, Bismarck

OTHERS PRESENT:

Alan Grindberg, Assistant Chief Engineer, State Water Commission, Bismarck John Tucker, Oxnard, California Ralph Christensen, Chairman, Ward County Water Management District, Minot Charles Truax, County Engineer, Ward County, Minot

MINUTES OF AUGUST 12, 1969 APPROVED Commissioner Gallagher moved that the minutes of the August 12, 1969 meeting be approved as circulated. Commissioner

Dushinske seconded; all members voted aye.

FINANCIAL STATEMENTS FOR JULY AND AUGUST 1969 APPROVED Secretary Hoisveen presented the financial statements for July and August to the Commissioners.

Commissioner Dushinske moved that the financial statements be approved. Commissioner Gallagher seconded; all members voted aye.

COMMISSION MEETING - Future

Commissioner Dushinske moved that some future meeting of the Commission be held in Moorhead for the purpose of obtaining

a progress report from the Chairman of the Souris-Red-Rainy River Basins Commission. Commissioner Gallagher seconded; all members voted aye.

STEELE COUNTY GROUND-WATER STUDIES (#974)

The State Water Commission is in receipt of a request from Steele County that a county-wide ground-water survey be con-

ducted in that county. The total cost of the study is \$104,000, with the U. S. Geological Survey contributing \$52,000 and the State Water Commission and the county each contributing \$26,000. This study will be completed within three years, with financing spread over four years. Secretary Hoisveen reported that Steele County attempted to have a two county study made but Griggs County has declined to request a study at this time.

Commissioner Gallagher moved that the study for ground water in Steele County be approved. Commissioner Dushinske seconded; all members voted aye. WARD COUNTY WATER MANAGEMENT DISTRICT BOUNDARY ALTERATION (#1336)

The State Water Commission has had a request from the County Commissioners and the water management district that the boundaries of the Ward County Water

Management District be altered to include all of the county. At present there are several townships in the Goose Neck area which are not included. Secretary Hoisveen reported that a hearing has been held in this area and that the county commissioners and the water management district have both declared themselves in favor of such a move.

Commissioner Dushinske moved and Commissioner Gallagher seconded that the Commission approve the alteration of the boundaries of Ward County Water Management District to include all of Ward County. All members voted aye.

SURFACE WATER (#1393)

The Surface Water Program is a cooperative program with the U. S. Geological

Survey under which 70 gaging stations are maintained to obtain records of runoff on selected streams in North Dakota. To continue this program at its present level it is required that the State Water Commission appropriate \$30,000 to be matched by the U. S. Geological Survey.

Commissioner Dushinske moved that the State Water Commission approve the expenditure of \$30,000 to cooperate with the U. S. Geological Survey in continuing the stream gaging program. Commissioner Gallagher seconded; all members voted aye.

TOPOGRAPHIC MAPPING PROGRAM (#1394)

The topographic mapping program is also a cooperative program with the U. S. Geological Survey. This program was

increased last year on a crash basis to obtain needed information on the Knife River. At present there are some areas in the western part of the State and along the Canadian border where topography is badly needed. The cost of continuing the program would be \$70,000 to the State Water Commission which would be matched by the U. S. Geological Survey.

Commissioner Gallagher moved that the Commission approve the expenditure of \$70,000 to be matched by the U. S. Geological Survey funds for the continuation of topographic mapping for the coming year. Commissioner Dushinske seconded; all members voted aye.

COOPERATIVE GROUND WATER PROGRAM (#1395)

The proposed budget for the ground-water studies program for the coming year has been worked out with the U. S. Geological

Survey. There is a small increase in the total program which is primarily due to some special studies which have been carried on. It is now proposed that the total program be conducted at a cost of \$388,100 annually. The total cost to the Water Commission would be \$97,800 with local funds making up a matching amount and the U. S. Geological Survey matching the combined total.

Commissioner Dushinske moved that the State Water Commission approve the expenditure of \$97,800 for the ground-water program for the coming year. Commissioner Gallagher seconded; all members voted aye.

PROPOSAL TO PREPARE A HISTORY OF WATER RESOURCES DEVELOPMENT IN NORTH DAKOTA (#322)

Secretary Hoisveen reported that a proposal had been received which suggested that a history of water resources development in North Dakota be written. The author is a former staff member of the

Water Commission, an excellent writer and is now a member of the staff of the Souris-Red-Rainy River Basins Commission. The proposal suggests that the history would cost \$5,000. Governor Guy suggested that there should be a series of volumes written on mineral resources development, one of which would be on water. There should also be a history of parks development, agronomy, outdoor recreation and the like. The Governor stated that he thought this was a good time to start documenting what had happened in North Dakota and should be a part of the history of our resources; however, it was decided that this proposal be deferred and that the person making the proposal, Mr. Gene Krenz, be invited to make an appearance before the Commission and outline his proposal.

WAHPETON GROUND-WATER STUDY (#1518)

Secretary Hoisveen reported that a ground-water study was being conducted for the city of Wahpeton in hopes that

it would be sufficient to entice a malting plant to that area. He stated that the study had encountered difficulty in that the aquifer which was being studied proved insufficient to satisfy the needs of such a plant; however, there was a very excellent aquifer located in the same area at a greater depth. Since the deeper aquifer required a greater depth of drilling and a more expensive test well, the costs of conducting this study have exceeded the estimate. The local sponsors of this project have difficulty in meeting their half of the estimated cost. It is hoped that the information gained from this study will secure a malting plant for this area which will employ many people. It is also hoped that if this plant comes in it will create interest in North Dakota by other malting companies.

Commissioner Dushinske moved that the State Water Commission absorb the additional cost of conducting the Wahpeton groundwater study. Commissioner Gallagher seconded; all Commission members voted aye.

Commissioner Gallagher suggested that the economists be instructed to conduct studies on this plant to keep track of the new wealth created should the plant come in.

GOOSE RIVER CABLE CROSSING

The Northwestern Bell Telephone Company has requested permission to install a

buried cable on the Goose River north of Hillsboro.

Commissioner Gallagher moved, Commissioner Dushinske seconded that the Northwestern Bell Telephone Company be given permission to cross the Goose River north of Hillsboro, North Dakota with a buried cable according to its letter of September 5, 1969. All members voted aye.

DRAINS

Commissioner Gallagher moved and Commissioner Dushinske seconded that the State Water Commission participate in the construction of

CASS COUNTY DRAIN #14 (#1070)

Cass County Drain #14 in the amount of \$3,640;

CASS COUNTY DRAIN #3C (#1065)

Cass County Drain #3C in the amount of \$13,053.20 in accordance with the conditions found in the drainage engineer's report;

WALSH COUNTY DRAIN #30 (#1520)

Walsh County Drain #30 in the amount of \$21,240; and

GRAND FORKS COUNTY DRAIN #33 (#1446)

Grand Forks County Drain #33 in the amount of \$376.

All members voted aye.

PEMBINA COUNTY DRAIN #62 (#1169)

Secretary Hoisveen stated that this is an international drain in Pembina County and the municipality of Rhineland in

Manitoba. It is proposed that this drain be reconstructed to provide better drainage in the area, and that the local governments share the cost. There has been some difference of opinion concerning the allocation of the costs but this appears headed for solution.

Commissioner Dushinske moved that the State Water Commission participate in the construction of Pembina County Drain #62 in an amount equal to 50 per cent of Pembina County's share not to exceed 50 per cent. Commissioner Gallagher seconded; all members voted aye.

PEMBINA CITY FLOOD CONTROL (#1444)

Secretary Hoisveen reported that the State Water Commission had constructed flood works for the museum at Pembina.

The city now wishes to extend these flood works to encompass part of the city which will be left out of the Corps of Engineers' flood control plan. This work could be accomplished on a cost sharing basis between the city, the highway department and the State Water Commission. Under the proposal the city would pay \$7,500, the highway department \$5,000 and the State Water Commission \$7,500.

Commissioner Dushinske moved that the State Water Commission participate in the extension of the Pembina flood control works to an amount not to exceed \$7,500. Commissioner Gallagher seconded; all members voted aye.

TOLLEY WATER SUPPLY (#1454)

The City of Tolley has asked for a survey to find a city water supply and has made a deposit of \$200.

Commissioner Gallagher moved that the StateWater Commission conduct a survey for the purpose of locating a water supply for the city of Tolley. Commissioner Dushinske seconded; all members voted aye.

WATER PERMIT

#1648

approved.

Secretary Hoisveen presented one water permit to the Commission for consideration. It was the recommendation of the State Engineer that this water permit be

It was moved by Commissioner Gallagher, seconded by Commissioner Dushinske that the conditional permit be approved subject to such conditions as indicated on the permit. All members voted aye.

REQUEST FOR ASSISTANCE FROM WARD COUNTY WATER MANAGEMENT DISTRICT (#1336) Mr. Ralph Christensen, Chairman of the Ward County Water Management District, and Mr. Charles Truax, Ward County Engineer, appeared before the Commission. Mr. Christensen stated that there are a

number of communities in the Souris Valley outside the city limits of Minot which have the potential of being severely damaged by floods. He stated that several of these areas had presented the water management district with a request for assistance in engineering in flood control plans for the area. He stated that these areas would not be protected by the Corps of Engineers' plan for protection for the city of Minot. Homeowners are concerned because they need permanent protection from the Des Lacs River, and the Souris River Dam, will not be installed for a number of years. The project appears to be feasible but detailed engineering is needed. Mr. Christensen stated that the installation of any works would have to be paid for by special assessments on the landowners.

Mr. Truax stated that he felt that this should be a pilot project as there are about seven other communities that also need flood protection. They said the water management district is a relatively new organization and does not have the necessary experience to carry these projects from start to finish. Mr. Truax expressed hope that the Water Commission would lead the water management district through this project and thus the water management district would gain the necessary knowledge to continue the others on its own.

The areas which are requesting assistance at this time are the country club and country club acres. Mr. Christensen also stated that the water management district and the county commissioners are going to have to request assistance from the Water Commission in preparing their flood plain zoning.

In response to a question by Governor Guy, Mr. Christensen stated that both the water management district and the city are involved in the Corps of Engineers flood project. He further stated that the water management district will be the sponsoring entity in furnishing assurances for the Corps of Engineers' project. It was also pointed out that this plan could be preliminary to emergency flood fighting by the Corps of

Engineers should it be needed next spring.

Secretary Hoisveen stated that he approved the foresight of the landowners in that they desired to secure easements in advance. He stated that the easements could be of invaluable assistance in flood fighting operations in the spring and that the situation is such that a flood could very likely happen next spring.

Commissioner Dushinske moved that the State Engineer be authorized to conduct a preliminary engineering study for the project as requested to a cost not to exceed \$6,000. Commissioner Hanson seconded; all voted aye.

The Commission then recessed to the high school where they heard a talk by Mr. John T. Tucker, former State Engineer of North Dakota, on his plan for providing sufficient water for the future in North America. The Commission then attended a luncheon with local officials and following the luncheon Governor Guy asked local people present for suggestions as to how the State Water Commission could improve its operations in the area.

Mr. John Amundson, attorney from Bowman and secretary of the Bowman County Water Management District, stated that he felt that a strengthening of the laws was in order in that there are some illegal dams in the Bowman-Haley watershed that should be destroyed. He also felt that when the Water Commission grants a water permit the water management district should receive word of it. He thought this was not always done. He realizes there is no provision in the law which requires it but a copy of the application should be sent to the water management district to keep them advised of activity in their area. Mr. Amundson stated that he felt the Commission had been very good to the Bowman County area and without its help the Scranton and Marmarth flood control projects and Bowman-Haley Dam would never have been built. They were very appreciatibe of the assistance they had received in paying for these projects.

Mr. John Rouzie echoed Mr. Amundson's statements about the water permit problem. Mr. Amundson then asked what could be done about securing a ground-water survey for Bowman County and also what could be done about improving Gascoyne Lake as a recreation area. This was discussed at some length. Mr. Amundson stated that the water management district will be furnishing the water commission with \$200 and a request for a survey on Gascoyne Lake in the near future and he felt that a meeting with the Adams County people would be set up to discuss a ground-water survey also in the very near future.

The County Commissioner from Adams County stated that Wolf Butte Dam is in need of repair and that he understood that there was an agreement to repair it.

COMMISSION MEETING IN MINOT

Commissioner Dushinske moved that the State Water Commission hold a meeting at Minot during the time of the Water Users Convention in that City. Commissioner Hanson seconded; all members voted aye.

Commissioner Dushinske suggested that the Water Commission hold its meeting either the night before the Water Users Convention or on the morning after.

BOWMAN, CITY OF -Letter of Thanks

Governor Guy moved that the Secretary be instructed to send a letter of thanks to the hosts in Bowman for the arrangements and for a very fine and productive meeting. Commissioner Hanson seconded; all members voted aye.

There being no further business the meeting adjourned for a tour of Bowman-Haley Dam.

Milo W Horsveen Secretary

ATTEST.

Governor-Zhairman

WATER PERMITS FOR SEPTEMBER 24, 1969 AGENDA

No.		Source	Purpose	Amount Requested	Comments & Recommendations
1648	Donald Lowe Rhame	Unnamed stream tributary to Little Missouri River	Fish Dam	38 acre-feet storage plus 21 acre-feet annual use	38 acre-feet storage plus 21 acre-feet annual use
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NORTH DAKOTA STATE WATER COMMISSION FINANCIAL STATEMENT - September 30, 1969 1969-1971 APPROPRIATIONS

	Available F	unds	Dis	bursements	Acc	count Balances	
	APPROPRIATION	RECEIPTS	TO DATE	SEPT.'69	UNEXPENDED	ENCUMB.	UNENCUMB.
GENERAL OPERATIONS: ACCOUNT				**	×		
1007-Salaries Expense \$729,901. Federal Grants 82,000.	\$ 811,901.00	\$ -	\$ 98,877.53	\$31,727.14	\$ 713,023.47 \$; - \$	713,023.47
2007-Fees & Services	140,000.00	-	16,315.97	7,645.42	123,684.03	s 	123,684.03
3007-Supplies & Materials	150,500.00	-	18,716.61	5,736.91	131,783.39) -	131,783.39
4007-Equipment	35,000.00	-	1,523.83	- 2	33,476.17	·	33,476.17
7707-Red Basin Comm.	60,000.00		80.84		59,919.16		59,919.16
TOTAL GENERAL OPERATIONS	\$1,197,401.00	\$:	\$135,514.78	\$45,109.47	\$1,061,886.22 \$, ≡ ., \$	1,061,886.22
CONTRACT FUND:						957/	
336-770-Contract "Cash"\$1,000,00		997					
Contract Collections 700,00 Collections to Date	00. \$1,700,000.00	\$ 71,533.52	\$189,455.95	\$48,330.34	\$1,510,544.05 \$	\$1,012,111.00 \$	498,433.05
Transfer from 001 to 336		175,000.00					
TOTAL CONTRACT FUND	\$1,700,000.00	\$246,533.52	\$189,455.95	\$48,330.34	\$1,510,544.05	\$1,012,111.00	498,433.05
GRAND TOTALS	\$2,897,401.00	\$246,533.52	\$324,970.73	\$93,439.81	\$2,572,430.27	\$1,012,111.00 \$	1,560,319.27

NORTH DAKOTA STATE WATER COMMISSION

AS OF SEPTEMBER 30, 1969

	Availabl	e Funds	Disbur	sements	Acc	ount Balanc	es
ACCOUNT	APPROPRIATION	RECEIPTS*	TO DATE	SEPT.'69	UNEXPENDED	ENCUMB.	UNENCUMB.
535-770-CONST. BOND GUAR.	\$90,000.00	\$36,416.79	\$26,916.79	\$ -	\$90,000.00	\$ -	\$90,000.00
0500 INVESTMENT PRIN.	20,000.00	-	9,500.00	3 -	10,500.00	-	10,500.00

NOTE - FUND #535-770 RECEIPTS ARE OBTAINED FROM RETIREMENT OF AN INTEREST ON SECURITIES THAT WERE IN THE COMMISSION'S SINKING FUND IN EXCESS OF THE AMOUNT REQUIRED TO RETIRE THE SERIES "J" BOND ISSUE ON DECEMBER 10, 1957. ORIGINAL DISBURSEMENTS FROM FUND #535-770 WERE MADE DURING THE EARLY 1940'S IN ACCORDANCE WITH SECTION 61-02-56 OF THE CENTURY CODE WHICH PROVIDES THAT THE COMMISSION MAY GUARANTEE OR INSURE OR AGREE TO PAY THE INTEREST ON AND PRINCIPAL OF COMMISSION REVENUE BONDS NOT EXCEEDING 20% OF THE PAR VALUE OF ANY SUCH BONDS.

SCHEDULE OF BONDS & INTEREST RECEIVABLE - FUND #535-770

TYPE	DUE DATE	INTEREST RATE	INTEREST TO MATURITY	PRINCIPAL	TOTAL INCOME ANTICIPATED
SIOUX IRRIGATION DIST. BONDS	1984 SERIALLY	2.25%	\$2,610.00	\$10,500	\$13,110.00

(EXCESS OVER \$90,000.00 CASH IN FUND #535-770 TO BE CREDITED TO GENERAL FUND. 1/2/58 ATTORNEY GENERAL'S OPINION)

RECEIPTS:

* RETIREMENT OF BONDS INTEREST ON BONDS SINKING FUND CASH \$23,000.00 9,284.80 4,131.99 * ACCUMULATION OF RECEIPTS TO BOND GUARANTEE FUND SINCE FUND CREATED IN 1939

NORTH DAKOTA STATE WATER COMMISSION

PAYROLL - SEPTEMBER, 1969

NAME	POSITION	REMARKS	GROSS	W/TAX	S.S	INS.	RET.	NET	
HOTSVEEN, MILO W.	STATE ENGINEER	INC. May'69	1,625.00	297.10	7	21.95	65.00	1,240.95	
BAESLER, GORDON	W. R. TECH.	INC. July'69	720.00	94.00	34.56	21.95	28.80	540.69	
BALLIETT, ALLEN	RODMAN	INC. July 69	455.00	29.20	21.84	21.95	18.20	363.81	
CHRISTENSEN, RAY	ENG. TECH.	INC. July 69	620.00	93.40	29.76	21.95	24.80	450.09	
DONALDSON, DAVID	G. W. TECH.	INC. July 69	540.00	90.30	25.92	6.05	21.60	396.13	
DUSHINSKEE, RUSSELL	COMMISSIONER	STA. July'65	15.00	-	.72	-	-	14.28	
EMERSON, MATT	ASST. SECY.	INC. July'69	970.00	154.60	28.08	21.95	38.80	726.57	
FROELICH, LARRY	GEOLOGIST	INC. July 69	840.00	146.20	40.32	21.95	33.60	597.93	
FROEMMING, DALE	OPERATOR	INC. July 69	540.00	90.30	25.92	6.05	21.60	396.13	
GALLAGHER, RICHARD	COMMISSIONER	STA. July'61	15.00	-	.72		<u>.</u>	14,28	
GLOVER, DALE	HYDROLOGIST	INC. July 69	1,000.00	250.00	3.36	<u> </u>	40.00	706.64	
GRINDBERG, ALAN	ASST. ST. ENG.	INC. July'69	1,265.00	203.40	₩ 0	21.95	50.60	989.05	
GRUNSETH, ARLAND	INV. ENG.	INC. July'69	960.00	128 .9 0	31.44	21.95	38.40	739.31	
HANSON, HAROLD	COMMISSIONER	STA. July'65	15.00	-	. 72	•		14.28	- 4
HEUPLE, MILTON	FIELD INV.	INC. July 69	935.00	98.80	31. 44	21.95	37.40	745.41	
HILAND, LEONE	CHIEF, STENO	INC. July'69	590.00	111.90	28.32	2.85	23.60	423.33	
HUCHLER, EVA	STENO	STA. June 69	153.13	22.30	7.35		-	123.48	
JACOBSON, HUGH	ASST. DRILLER	INC. July 169	495.00	26.40	23.76	21.95	19.80	403.09	
JOCHIM, CLIFF	ATTORNEY	INC. July 69	575.00	95.00	27.60	21.95	23.00	407.45	
JUNGROTH, JAMES	COMMISSIONER	STA. Sept. 67	15.00	-	.72	. •	-	14.28	
KNOLL, JIM	SOILS TECH,	INC. Sept. '69	475.00	85.50	22.80	6.05	19.00	341.65	
KNUTSON, LEWIS	DRILLER	INC. July 69	645.00	56.70	30.96	21.95	25.80	509.59	
KOCH, KAY	ACCOUNTANT	INC. July 69	525.00	87.40	25.20	21.95	21.00	369.45	
LINDVIG, MILTON	G. W. ENG.	INC. July 69	1,000.00	150.60	16.32	21.95	40.00	771.13	
LOCKEN, SHARON	STENO.	INC. July 69	435.00	68.40	20.88	21.95	17.40	306.37	
MALATERRE, TOM	OPERATOR	INC. July 69	540.00	46.80	25.92	-	21.60	445.68	
MURI, GARVIN	CHEMIST	INC. July 69	735.00	105.10	35.28	21.95	29.40	543.27	
NAPLIN, CHARLES	GEOLOGIST	INC. July 69	790.00	136.30	37.92	21.95	31.60	562.23	
NELSON, C.P.	DRAIN.ENG.	INC. July'69	980.00	200.00	21.12	-	39.20	719.68	
O'BRIEN, GEORGE	DRAFTSMAN	STA. May '69	475.00	85.50	22.80	21.95	19.00	325.75	
OHNSTAD, DON	PLAN. ENG.	INC. July 69	935.00	133.00	40.56	21.95	37.40	688.09	
• · · · · · · · · · · · · · · · · · · ·	••						14.00*		
PUTZ, ROY	OFF. ASST.	INC. July 69	370.00	41.60	17.76	6.05	14.80	289.79	
SACKMAN, EUGENE	SURVEYOR	INC. July 69	650.00	67.70	31.20	21.95	26.00	503.15	
SCHANTZ, GEORGE	ENG. AID	INC. July 69	525.00	65.20	25.20	12.05	21.00	401.55	

NAME	POSITION	REMARKS	GROSS	W/TAX	s.s.	INS.	RET.	NET	~
SCHMID, ROGER	G. W. HYDROL.	INC. July'69	925.00	120.90	33.60	21.95	37.00	711.55	-
SCHMIDT, CHERYLLYN	STENO	INC. July 69	350.00	52.80	16.90	-	14.00	266.40	
SCHULZ, DELTON	OFF. ENG.	INC. July 69	1,110.00	168.20	-	21.95	44.40	875.45	
SCOTT, CLIFFORD	DESIGN. ENG.	INC. July 69	975.00	141.80	21.60	21.95	39.00	750.65	
SCOTT, LLOYD	DRAFTSMAN	INC. July 69	635.00	93.40	30.48	21.95	25.40	463.77	
SENGER, ANTON	OPERATOR	INC. July 69	570.00	83.90	27.36	-1	20.80	437.94	
SIMENSON, KEN	CONST. ENG.	INC. July 69	1,000.00	125.10	16.32	21.95	40.00	796.63	
SPEAKS, GLENN	OPERATOR	INC. July 69	540.00	57.90	25.92	21.95	21.60	412.63	
TILLOTSON, ANN	RES. ASST.	INC. July 69	410.00	59.90	19.68	6.05	16.40	307.97	
ULRICH, ROGER	RODMAN	INC. July 69	425.00	63.90	20.40	6.05	17.00	317.65	
VOELLER, PIUS	CONST. FOREMAN	INC. JULY'69	334.50	11.50	16.06	21.95	13.38	271.61	
WALTERSON, HOWARD	CONST. SUPT.	INC. July'69	670.00	67.70	32.16	21.95	26,80	521.39	
SWC GROUP INS36		BC *	180.00		-	180,00		3-1133	
SWC RETMatching			1,099.18			-	1,099.18		
			30,646.81	4,308.60	996.85	845.80	2,277.36	22,218.20	

*State income: tax withheld