

MINUTES  
 NORTH DAKOTA STATE WATER COMMISSION  
 Held in Office of State Water Commission  
 Bismarck, North Dakota  
 May 17, 1966

Governor William L. Guy, Chairman  
 Richard P. Gallagher, Vice Chairman, Mandan  
 Henry Steinberger, Member from Donnybrook  
 Russell Dushinske, Member from Devils Lake  
 Gordon Gray, Member from Valley City  
 Harold Hanson, Member from New England  
 Milo W. Hoisveen, State Engineer, Chief Engineer and Secretary, Bismarck

Others Present:

Fred J. Fredrickson, Planning Coordinator, Valley City

Vice Chairman Gallagher opened the meeting at 9:30 a.m. with Commissioners Steinberger, Dushinske, Gray and Hanson, and Secretary Hoisveen present.

MINUTES OF APRIL 12, 1966  
 APPROVED

1966, be adopted as circulated.

It was moved by Commissioner Dushinske, seconded by Commissioner Steinberger and carried that the minutes of April 12,

FINANCIAL STATEMENT FOR  
 APRIL, 1966, APPROVED

Secretary Hoisveen reviewed the April, 1966, financial statement. He stated that in view of the basin planning program the Commission will be required to employ a planner or geographer for use in connection with basin planning. It was also mentioned that it will probably be necessary to employ at least one, or possibly two, engineers, and a stenographer in view of the increasing activities of the State Water Commission.

It was moved by Commissioner Hanson, seconded by Commissioner Gray and carried that the April, 1966, financial statement be approved.

SWEETWATER-DRY LAKE FLOOD  
 PROTECTIVE WORKS (#416)

Secretary Hoisveen stated that the State Water Commission had spent considerable time on the Sweetwater-Dry Lake flood protective works. Commissioner Dushinske and Phil Nelson attended and participated in the Task Force meeting on April 12.

Commissioner Dushinske stated that the

situation in the Sweetwater-Dry Lake area is serious. As a result of the Task Force meeting they came up with a report that did not have too much opposition. The Task Force report is principally that 85% of the Class III wetland easements will be accepted as sufficient provided compensation for the difference between the percent obtained and the 85% agreed upon is made. The Fish and Wildlife Service designated the areas they wanted to have saved. There was a great deal of difference as to the land that is to be saved and that which is not. Apparently the water management district is not going to accept the report of the Task Force. They contacted their North Dakota Congressmen regard-

ing the possibility of securing emergency funds and found that it isn't too easy to get funds from Congress on an emergency basis. They want something done this summer. If Dry Lake is filled and there is a runoff next year there would be no place for the water to go. A meeting has been scheduled for Thursday evening, May 19, 1966, at Devils Lake. Mr. Nelson will represent the State Water Commission. The Soil Conservation Service, the Bureau of Sport Fisheries and Wildlife and the State Game and Fish Department will also be represented. Key people from the townships in the area will also be there. He thought that the Soil Conservation Service and the Sport Fisheries and Wildlife people should present their views first, following which the water management district would present its views. The water management district was advised at the March meeting of the State Water Commission to employ a consulting engineer, which has not been done.

Secretary Hoisveen stated that the district has requested the State Water Commission to make soil tests in the vicinity of the proposed channel. The Commission discussed the cost of test borings. The Secretary indicated that the cost would be at least \$800.

Mr. Nelson stated that a survey had been made in 1955 which is a more economical plan than any devised yet. He felt it could be worked out with the hydrologic unit, in spite of the fact that the watershed will show the present work plan now in the area. Mr. Nelson reviewed the various watersheds in the particular area.

The report of the Task Force was read by Secretary Hoisveen. (See Appendix A.) Mr. Nelson explained the procedure followed in the St. Thomas-Lodema project. He further stated that the first day of the Task Force field trip farmers were at the meeting and presented their side of the matter. Mr. Nelson stated he did not feel Mr. Berg had a true picture of the engineering needed in the area and recommended that the Task Force report be taken to the landowners. The Task Force report asks that the sloughs be left as they are without actually draining the sloughs. If they secure federal aid there will be an outlet but the sloughs will remain as they are. Class I refers to the shallow potholes. These are not mentioned in the report. Class II is not applicable and Class III wetland is the class which the Bureau of Sport Fisheries and Wildlife is interested in and wants to save 85% or the equivalent.

Commissioner Gallagher stated that the State Water Commission had agreed they would give the water management district an engineering estimate of what it will cost. Mr. Hoisveen stated that this had been done. Commissioner Gallagher further stated that where they are asking for core borings, that couldn't be done until they had furnished easements permitting the State Water Commission to go on the land. Further, the borings should not be made until the State Water Commission knows where the channel is going to be. Gallagher averred that part of the problem was the Class I, II and III wetlands and asked if it wouldn't be wise to sit down and find out what the Class III wetlands are. He suggested that between now and Thursday the Task Force report be written in a language the farmer can understand.

Mr. Fredrickson suggested that it might be helpful to have a subcommittee who would attend this meeting on Thursday and they would bring back to the Commission the final decision of that meeting so the Commission would have something to go on after that.

Commissioner Gallagher stated that the Commission could not act on this project until the water management district comes in with its plans to be approved by the State Water Commission.

Mr. Nelson stated that he believed it was the consensus of the board, as far as plans for the watershed under the Soil Conservation Service planning jurisdiction is concerned, to go ahead in an orderly manner, provided it is done in line with the Task Force report. Could the Commission encourage getting something speeded up on the engineering.

Commissioner Gallagher stated it seemed there were two plans - one by the local district and one by the Task Force. Hoisveen stated that the Task Force has no plan and the only agency other than the State Water Commission capable of making a complete plan would be the Soil Conservation Service. Commissioner Steinberger asked if P.L. 566 would give this project priority or would the State Water Commission have to wait until other priorities have been taken care of and Secretary Hoisveen said that two years ago a project started under P.L. 566 would take at least three to four years before it would be ready for construction. The district board is apprehensive over this long development period and is anxious to have the State Water Commission care for a portion of the work before it is approved as a P.L. 566 project.

Commissioner Gallagher stated that the Corps came up with a plan a year ago which was not accepted. At that time the Bureau of Sport Fisheries and Wildlife did not mention mitigation in its proposal. He wondered if the Corps's plan could be used along with the Sport Fisheries and Wildlife mitigation plan. Hoisveen stated that the Corps's plan included the entire area which consists of Sweetwater and Mauvais Coulee basins. Apprehension was felt over it as it would use almost as much land as it would save from flooding. There was also the right-of-way problem as well as an expensive bridge replacement problem. These items would have to be paid for at the local level. A project involving the cost of this project should not be entered into in a slipshod manner as failure to provide for the many ramifications could cause irreparable damage. Any further action on the part of the State Water Commission will depend on what they decide at the May 19 meeting. The State Water Commission cannot give them too much hope for future help unless they go along with the findings of the Task Force.

Commissioner Dushinske asked if the water management district had authority to go ahead without the approval of the State Water Commission. Commissioner Gallagher stated that any plans they had would have to be approved by the State Water Commission. The moratorium which is now in effect in the upper Ramsey County area could be lifted by the State Water Commission who invoked it. Mr. Nelson stated a watershed study had not been made and there had been no appropriation allocated for this project and there will be no appropriation until the Soil Conservation Service know they have a project. Commissioner Dushinske stated that he would appreciate the attendance of any commission member at the meeting on May 19.

Commissioner Gray stated that the Nome-Lucca problem was the same as this one and it could be used as criteria for resolving the Sweetwater-Dry Lake problem. Hoisveen suggested that Commissioner Gray make a presentation at the May 19 meeting relative to the Nome-Lucca situation.

Commissioner Gallagher recommended that any commissioner who could should attend the meeting at Devils Lake on May 19 and as many of the staff members as necessary. He further stated that the State Water Commission cannot offer any aid until the water management district has presented a plan.

It was moved by Commissioner Steinberger, seconded by Commissioner Gray and carried that the Commissioners are authorized to attend the meeting at Devils Lake of May 19, 1966.

The meeting recessed at 11:00 a.m. The Commissioners attended the luncheon honoring General Cassidy. The meeting reconvened at 2:00 p.m. Commissioner Gallagher presided.

**WALSH COUNTY DRAIN 28  
ADJUSTMENT (#1419)**

The State Water Commission approved the construction of Drain 28 in Walsh County at the March, 1966, meeting.

The plans for the construction of the drain have been revised to incorporate changes requested by the North Dakota State Highway Department. The Commission's share of 40% is \$30,217.51. Secretary Hoisveen recommended the Commission participate in the construction of drain 28.

It was moved by Commissioner Dushinske, seconded by Commissioner Gray and carried that the State Water Commission participate in the construction of Walsh County Drain #28 in the amount of 40% but not to exceed \$30,217.51.

**BROWN DAM - BARNES COUNTY  
(#459)  
LISBON CITY DAM - RANSOM COUNTY  
(#316)**

A CCC dam known as Brown Dam in Barnes County and located on the Sheyenne River is in need of repairs due to washing around the ends. Secretary Hoisveen stated that no cost estimate

is available as the dam has not been inspected as yet and the high water made such an inspection impracticable at this time.

A similar request has been received from the city of Lisbon relative to Lisbon Dam. A leak had developed on the north side of the dam and the city officials would like to have an inspection made of the dam. The water has been too high to make any kind of an inspection so a cost estimate can be prepared. Indications are that this project would be an expensive one. Efforts will be made to obtain Office of Emergency Planning assistance in the project repairs as it contributes to the recharge of the municipal water supply and is also a source of water supply for the irrigation of the municipal golf course.

**NORTH DAKOTA WATER USERS'  
RESOLUTIONS**

Three resolutions have been received from the North Dakota Water Users -

1. urging early approval of application for establishment of a Red River of the North Basin Commission; 2. urging further examination and survey of the Red River of the North, Minnesota-North Dakota for flood protection of the City of Grand Forks; 3. urging expeditious completion of preconstruction planning work on Pipestem Creek reservoir.

CORRESPONDENCE CONCERNING  
RESOLUTION RELATIVE TO  
PIPESTEM DAM (#690)

Schwartz, Chief, Resources and Civil Works Division, Bureau of the Budget, acknowledging receipt of the State Water Commission's resolution concerning the Pipestem Creek Dam and Reservoir.

Letters were received from Colonel R. W. Love, Division Engineer, Corps of Engineers, Omaha, Lt. General William F. Cassidy, Chief of Engineers, and Carl H.

CORRESPONDENCE CONCERNING  
RESOLUTION RELATIVE TO  
GRAND FORKS FLOOD PROBLEM  
(#830)

A letter was received from Colonel Harding acknowledging the State Water Commission's resolution pertaining to the flood problem in the City of Grand Forks.

REQUEST FOR ESTABLISHMENT  
OF A WATER MANAGEMENT  
DISTRICT IN GRIGGS COUNTY  
(#1440)

petition are on file in the office of the Commission.

The County Commissioners of Griggs County are requesting the State Water Commission to hold a hearing relative to the establishment of a water management district in Griggs County. The resolution and

It was moved by Commissioner Gray, seconded by Commissioner Dushinske and carried that the Chief Engineer set a date for a hearing concerning the establishment of a water management district in Griggs County.

BANK STABILIZATION ON  
MISSOURI RIVER (#576)

with the Corps of Engineers. He was of the opinion that the Corps would initiate work on the Painted Woods unit as well as the Fort Clark unit during the fall of this year. This would delay the work a little on the Fort Clark unit and would probably add to the cost of the project. The Commission discussed the operation and maintenance costs. Secretary Hoisveen stated that Congressman Redlin was working with Congressman Blatnik, who is chairman of the Rivers and Harbors Committee, on language that will be acceptable to the Corps of Engineers concerning future O&M participation by local entities.

A meeting was held in the office of the State Water Commission with Harold Christen, bank stabilization engineer

presides.

Governor Guy enters the meeting and

MISSOURI RIVER BASIN  
PLANNING COMMISSION  
(#1396)

be placed on the agenda for this meeting.

Secretary Hoisveen stated that he had received a note from the Governor asking that the unilateral application concerning the Missouri Basin Planning Commission

Governor Guy stated that in view of the apparent unwillingness of five of the Missouri River states to request the formation of a Missouri Basin Commission he wondered if North Dakota should file a request for a commission without waiting for the other states to join in the request. This procedure has been followed in other states located in other basins. He asked the Commissioners what they thought should be done - wait until there is a majority or go on a unilateral basis. From his contact with the Governors of the Missouri River States he detected a concern that

this might be a method whereby the federal government would secure more power. He listed the states he thought favored a planning commission and those who did not want a planning commission. He felt that if the State were to take unilateral action that other states would act likewise. He further stated that last week he had joined with Governor Rolvaag in a joint letter asking that the formation of the Red River Basin be speeded up. A copy of this letter was mailed to Vice President Humphrey.

Commissioner Gray asked if there was any merit in waiting for an answer to the letters to Udall and Humphrey. He recommended that the Governor and other officials contact the people in Washington who initiated the bill and seek their advice on unilateral action. Commissioner Gallagher thought the unilateral action was a very fine idea but felt that the action of five states would be better, Secretary Hoisveen suggested that North Dakota apply and a copy of the application be sent to each of the states in the Missouri Basin, as it would probably be helpful to them to have this application and might stimulate action on their part.

Governor Guy felt that action should be taken now as in another seven months the political picture may change and there may be no states willing to request a planning commission or they may all decide to request a commission. The Governor felt that there was nothing to lose by requesting the formation of a commission on a unilateral basis.

It was moved by Commissioner Gray, seconded by Commissioner Steinberger and carried that the Governor proceed and make an application on a unilateral basis for the formation of a Missouri Basin Planning Commission.

It was suggested that those officials in Washington who are concerned with this type of Commission be contacted by the Governor and other appropriate state officials and that the other states be advised of the action by North Dakota and urged to join therein.

**RED RIVER BASIN PLANNING  
COMMISSION (#305)**

Secretary Hoisveen read a letter from the Garrison Diversion Conservancy District commending the commission for its action

taken in requesting a Red River Basin Planning Commission.

**NEW ROCKFORD IMPOUNDMENT  
(#656)**

The railroad reservoir which is owned by the city of New Rockford is in need of improvement. The estimated cost of

such repairs would be \$7,000. To date the Commission has not received a request from the City of New Rockford that the Water Commission participate.

**FRED G. AANDAHL -  
RESOLUTION**

It was moved by Commissioner Steinberger, seconded by Commissioner Hanson and carried that the following resolution be

adopted:

.....  
 . IN MEMORIAM .  
 .  
 .....

IT is with deep sorrow that the North Dakota State Water Commission records the passing of a former governor-chairman, The Honorable Fred G. Aandahl, on April 7, 1966.

HE had been a State Senator from Barnes County, member of the United States House of Representatives, and for eight years Assistant Secretary of the United States Department of the Interior, for Water and Power.

MR. Aandahl was nationally known as well as in his home sector. Active in many fields, among his greatest contributions were those to agriculture, education, and the conservation, development and utilization of our precious water resources.

HIS demise is a distinct loss to his community and State, and will be felt in the national circles in which he was active.

THE Commissioners of the State Water Commission extend to Mrs. Aandahl, his three daughters and their families their sincere sympathy and condolences in this time of grief.

ADOPTED at a meeting held in the State Capitol, Bismarck, North Dakota, this 17th day of May, 1966.

FOR THE NORTH DAKOTA STATE WATER COMMISSION:

(COMMISSION SEAL)

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

ATTEST:

S/ Milo W. Hoisveen  
 Milo W. Hoisveen  
 Secretary-Chief Engineer

RED RIVER OF THE NORTH  
 (# 305) -Sheyenne River

Commissioner Steinberger asked if it would be feasible to divert the Sheyenne River into the Missouri River through Lake Traverse. If that could be done he thought it might take care of a lot of flooding in Canada. Secretary Hoisveen stated that Lake Traverse has a structure on it now, and impounds water that would otherwise go down the Red River. It was his opinion that increased flow in the Minnesota and Minnesota.

**BOWMAN-HALEY DEDICATION  
(#216)**

Commissioner Hanson stated that he was on the invitation committee for the Bowman-Haley dedication in September, 1966. He wondered if the Water Commission office could do the clerical work on the invitations in cooperation with the North Dakota Water Users Association office.

Mr. Fredrickson stated that those responsible for the dedication are planning on having barbequed beef. The Lions Club of Reeder offered to put it on. They expect to feed 3000 people. The local people expect to raise approximately \$3000 to defer the expenses of the dedication.

It was moved by Commissioner Hanson, seconded by Commissioner Gallagher and carried that the State Water Commission cooperate in the Bowman-Haley dedication.

**WATER RIGHTS**

**#1351**

The application of Sauk Valley Township of McGregor, to divert 760 acre-feet of water for storage and 150 acre-feet of water for annual use from an unnamed intermittent stream tributary to the White Earth River for recreational purposes 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 760 acre-feet of water for storage and 150 acre-feet of water for annual use for recreational purposes, it was moved by Commissioner Gallagher, seconded by Commissioner Steinberger and carried that the application be approved and the permit granted for the diversion of 760 acre-feet storage and 150 acre-feet annual use for recreational purposes, subject to such conditions as indicated on the permit.

**#1358**

The application of Lawrence and Florence Fradet of Horace to divert 10 acre-feet of water from the Sheyenne River for the purpose of irrigating 10 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 10 acre-feet of water to irrigate 10 acres of land, it was moved by Commissioner Gallagher, seconded by Commissioner Steinberger and carried that the application be approved and the permit granted for the diversion of 10 acre-feet to irrigate 10 acres of land, subject to such conditions as indicated on the permit.

**#1359**

The application of Warren Jolin of Edgeley to divert 120 acre-feet of water for storage and 10 acre-feet annual use from an Unnamed tributary of the Maple and James Rivers for fish, wildlife, recreation and stockwater purposes 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 120 acre-feet storage, 10 acre-feet annual use for fish, wildlife, recreation and stockwater purposes, it was moved by Commissioner Gallagher, seconded by Commissioner Steinberger and carried that the application be approved and the permit granted for the diversion of 120 acre-feet storage, 10 acre-feet annual use for fish, wildlife, recreation and stockwater purposes, subject to such conditions as indicated on the permit.

#1361

The application of the U. S. Fish and Wildlife Service, Minneapolis, to divert 51 acre-feet seasonal use, 32 acre-feet annually for storage from an unnamed creek tributary to a marsh in Sections 15 and 16, in Township 144, North, Range 69 West for waterfowl production, stockwater, recreation, flood control purposes 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 51 acre-feet seasonal use, 32 acre-feet annually for storage for waterfowl production, stockwater, recreation and flood control, it was moved by Commissioner Gallagher, seconded by Commissioner Steinberger and carried that the application be approved and the permit granted for the diversion of 51 acre-feet seasonal use, 32 acre-feet annually for storage for waterfowl production, stockwater, recreation and flood control, subject to such conditions as indicated on the permit.

#1362

The application of the U. S. Fish and Wildlife Service, Minneapolis, to divert 1044 acre-feet annually for storage plus 1218 acre-feet for seasonal use from the South Branch of the Goose River, tributary to the Red River for fish and wildlife, recreation and flood control purposes 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 1044 acre-feet annually for storage plus 1218 acre-feet for seasonal use for fish and wildlife, recreation and flood control, it was moved by Commissioner Gallagher, seconded by Commissioner Steinberger and carried that the application be approved and the permit granted for the diversion of 1044 acre-feet annually for storage plus 1218 acre-feet for seasonal use for fish and wildlife, recreation and flood control purposes, subject to such conditions as indicated on the permit.

#1363

The application of Edwin Komrosky of Valley City to divert 288 acre-feet storage, 144 acre-feet annual use for wildlife wetland improvement from an unnamed creek tributary of the Sheyenne River 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 288 acre-feet storage, 144 acre-feet annual use for wildlife wetland improvement, it was moved by Commissioner Gallagher, seconded by Commissioner

Steinberger and carried that the application be approved and the permit granted for the diversion of 288 acre-feet storage, 144 acre-feet annual use for wildlife wetland improvement, it was moved by Commissioner Gallagher, seconded by Commissioner Steinberger and carried that the application be approved and the permit granted for the diversion of 288 acre-feet storage, 144 acre-feet annual use for wildlife wetland improvement subject to such conditions as indicated on the permit.

#1364

The application of Martin L. Larson, of Kathryn to divert 18 acre-feet storage, 6.6 acre-feet annual use from an Unnamed Creek tributary to the Sheyenne River for a wildlife 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 18 acre-feet storage, 6.6 acre-feet annual use for a wildlife fish dam, it was moved by Commissioner Gallagher, seconded by Commissioner Steinberger and carried that the application be approved and the permit granted for the diversion of 18 acre-feet storage, 6.6 acre-feet annual use for a wildlife fish dam, subject to such conditions as indicated on the permit.

#1365

The application of Martin Thoreson, Fingal, and Alfred Monson, Valley City, to divert 100.5 acre-feet storage, 26.1 acre-feet annual use from unnamed creek tributary to the Sheyenne River for wildlife 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 100.5 acre-feet storage, 26.1 acre-feet annual use for a wildlife fish dam, it was moved by Commissioner Gallagher, seconded by Commissioner Steinberger, and carried that the application be approved and the permit granted for the diversion of 100.5 acre-feet storage, 26.1 acre-feet annual use for a wildlife fish dam, subject to such conditions as indicated on the permit.

#1366

The application of Eugene Komrosky of Valley City to divert 112 acre-feet for storage, 50 acre-feet annual use from an unnamed creek tributary to the Sheyenne River 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 112 acre-feet storage, 50 acre-feet annual use for wildlife wetland improvement, it was moved by Commissioner Gallagher, seconded by Commissioner Steinberger and carried that the application be approved and the permit granted for 112 acre-feet storage, 50 acre-feet annual use for wildlife wetland improvement, subject to such conditions as indicated on the permit.

The meeting adjourned at 3:30 p.m.

*Milo W. Hoisveen*  
S/ Milo W. Hoisveen

Secretary

ATTEST:

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

STARKWEATHER-EDMORE WATERSHEDS  
TASK FORCE REPORT

APPENDIX A

SWC Proj. #416  
Cross-file Proj. #843 & #842

Devils Lake, North Dakota  
April 14, 1966

The Task Force recommended at the inter-agency meeting in Devils Lake on February 10, 1966, and established by letter of March 23, 1966 from the State Water Commission to each agency concerned, convened in the Devils Lake Court House on Tuesday, April 12, 1966 at 8:30 A.M. The Task Force consisted of representatives of the U. S. Bureau of Sport Fisheries and Wildlife, North Dakota State Game and Fish Department, U. S. Soil Conservation Service and North Dakota State Water Commission. Discussion of the possible watershed improvements under consideration for Starkweather and Edmore coulees was held. A field trip to examine sample areas of land typical of the watershed was made. As a result of the discussions and the field trip, the Task Force has established the following.

A project to improve farming conditions by removal from cropland of excess runoff which interferes with farming operations as floodwater or sheetwater has been proposed by local sponsors. The stated purpose of this Task Force is that of determining the criteria by which the aims of the local sponsors relative to control of floodwater and the aims of the various agencies relative to total water management, including conservation of wildlife habitat, may be best met in the public interest. It is understood by the Task Force members that the findings will be used with the aim of providing the mutually acceptable zones of agreement under which a watershed improvement work plan under plan P.L. 566 may be authorized.

As representatives of the agencies which have part in the Task Force established for the above purpose the undersigned acknowledge by signature

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that they are in agreement concerning the following statements of conditions of watershed improvement.

The provisions established in the following points of agreement are in addition to and do not affect present policies, guide lines or practices of any group or agency involved.

1. All sheet or floodwater is considered to be expendable.

2. Eighty-five percent of all type 3 wetlands not now under Bureau of Sport Fisheries and Wildlife easement or requiring compensation as required by channel improvement (#4) are to be placed under easement, either through arrangements available for this purpose through the land acquisition office of Bureau of Sport Fisheries and Wildlife or through the 50-year life-of-project easements which can be made available to landowners by the local Water Management Board. A minimum of 75% of type III wetlands easements will be accepted as sufficient provided compensation for the difference between the percent obtained and the 85% agreed upon is made. The areas within which this compensation is accomplished shall be placed under easement.

Delineation and classification of wetlands for the purpose of providing the data required to accomplish easement procurement will be the mutual responsibility of the qualified personnel of the Bureau of Sport Fisheries and Wildlife, North Dakota Game and Fish, and Soil Conservation Service.

3. All type 4 or 5 wetlands are to be either covered by easement as in item 2 or if destroyed, compensated.

4. All wetlands or other wildlife habitat destroyed by channel improvement or other project structural measures will be compensated. The area in which the compensation is made shall be placed under easement as in item 2.

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5. Since it is conceded to be possible that watershed improvements may require alterations and adjustments of existing Bureau of Sport Fisheries and Wildlife easement areas, it may be necessary to consider such alterations and adjustments in the interests of project feasibility. Such adjustments, and the required compensation for them, will be considered on an individual case basis.

6. The levels of the Morrison, Sweetwater, Cavanaugh, Stone and Dry Lake complex are to be established after adequate survey has made such determination feasible. The optimum operational levels will be established through mutual agreement of the several groups involved and affected by the project.

7. It is mutually understood that the routes of channel improvement, including the outlet channel or channels will follow existing channels and lows insofar as conditions permit their use. It appears, by general understanding of the topography now available to the Task Force, that an outlet for the watershed improvement from Dry Lake to Devils Lake would be the most desirable.

Respectfully submitted,

	Name	Representing
S/	C. P. Nelson	N. D. State Water Commission
S/	Morris A. Splittstaszer	Bureau of Sport Fisheries & Wildlife
S/	Robert L. Morgan	N. D. Game. & Fish Dept.
S/	Lynn R. Bereuter	SCS
S/	Richard D. Wettersten	BSFW
S/	Erling Podoll	SCS

NORTH DAKOTA STATE WATER COMMISSION  
 Program Budget, Expenditures, Encumbrances and Balances  
 1965 - 1967 Biennium

6-29-66  
 SWC File C5-1.4

(000's omitted)	General Operations Appropriation				Contract Fund						(10) Total
	(1) Budget	(2) 50% x Budget	(A) Expend.	(B) Unencum.	(5) Budget	(6) Receipts	(C) Expend.	(7) Enc.	(8) Unenc.	(9) Unenc.	
1. Administration & Planning	210	105	82	128	-	-	-	-	-	-	128
2. Engr., Inv., Design, and Research	281	141	109	172	41	5	4	1	36		208
3. Topog. Mapping	-	-	-	-	30	-	11	19	-	-	-
4. Hydrographic	2	1	-	2	50	-	19	5	26		28
5. Groundwater	200	100	78	122	160	140	70	48	48		170
6. Flood control, Drainage, Channel improvements	30	15	11	19	400	-	123	178	99		118
7. Dam Const. & Mtce.	150	75	59	91	420	150	99	153	168		259
8. Outdoor Recreation Facilities	50	25	19	31	50	50	12	1	37		68
9. Irrigation	<u>10</u>	<u>5</u>	<u>4</u>	<u>6</u>	<u>40</u>	<u>-</u>	<u>1</u>	<u>5</u>	<u>34</u>	<u>40</u>	<u>40</u>
	933 (D)	467	362	571	1191 (E)	345 (F)	339	404	448		1019

- A. 12 mo. (July 1'65 - June 30'66) ÷ 24 mo. = 50%.
- B. Based on % of budget x total expenditures.
- C. Includes Anticipated receipts to June 30'67 - Receipts are included in Budget
- D. Includes transfer of \$147,000 from Contract Fund.
- E. Total appropriation, multiple purpose carryover, est. receipts, less transfer.
- F. Receipts first 12 mo. of biennium were \$92,542.

Recap  
 Approp. & Coll:  
 Gen. Operations 933  
 Contract Fund 570  
 M P carryover 423  
 Less Tras. - 147,276  
 Est. Cool. 345  
 Total Budget 2,124

Total Budget 2,124  
 Gen. Oper. Exp. 362  
 Cont. Exp. 339 - 701  
 Unexpended 1,423  
 Encumb. - 404  
 Unenc. 1,019

Dist: Commission Members (7), MMH, Al G, JS, DR, File C5-1.4

NORTH DAKOTA ST. } WATER COMMISSION  
 MONTHLY REPORT OF APPROPRIATIONS AS OF MAY 31, 1966  
 1965 - 1967 APPROPRIATIONS

"GENERAL OPERATIONS"

ACCOUNT	AVAILABLE FUNDS APPROPRIATION	RECEIPTS	DISBURSEMENTS TO DATE	MAY '66	FUND UNEXPENDED	BALANCES ENCUMB.	UNENCUMB.
1005 - SALARIES EXP.	431,000.00	147,000.00	200,030.47	19,982.35	377,969.53	.00	377,969.53
2005 - FEES & SERVICES	130,000.00	.00	34,186.80	3,706.69	95,813.20	.00	95,813.20
3005 - SUPPLIES & MAT.	175,000.00	.00	71,239.90	4,416.51	103,760.10	.00	103,760.10
4005 - EQUIPMENT	50,000.00	.00	9,969.82	4,217.60	40,030.18	.00	40,030.18
	<u>786,000.00</u>	<u>147,000.00</u>	<u>315,426.99</u>	<u>32,323.15</u>	<u>617,573.01</u>	<u>.00</u>	<u>617,573.01</u>

TRANSFERRED \$147,000 FROM CONTRACT FUND TO "1005" OCT. 29, 1965

"CONTRACT FUND"

001-770-CONTRACT APPROP.	570,000.00	.00	100,000.00	100,000.00	470,000.00	350,000.00	120,000.00
336-770-CONTRACT "CASH"	422,922.57	170,541.75	465,958.33	51,874.00	127,505.99	24,047.00	103,458.99
	<u>992,922.57</u>	<u>170,541.75</u>	<u>565,958.33</u>	<u>151,874.00</u>	<u>597,505.99</u>	<u>374,047.00</u>	<u>223,458.99</u>

PREPARED BY DAN REISER

SWC FILE 05-1.2

NORTH DAKOTA STATE WATER COMMISSION  
 STATUS OF CONSTRUCTION BOND GUARANTEE FUND  
 AS OF MAY 31, 1966

ACCOUNT	AVAILABLE FUNDS		DISBURSEMENTS		FUND BALANCES		
	APPROPRIATION	RECEIPTS	TO DATE	MAY '66	UNEXPENDED	ENCUMB.	UNENCUMB.
535-770 CONST. BOND GUAR.	90,000.00	25,804.09	21,455.69	.00	94,348.40	.00	94,348.40
0500 INVESTEMENT PRIN.	20,500.00	.00	2,000.00	.00	18,500.00	.00	18,500.00
	<u>110,500.00</u>	<u>25,804.09</u>	<u>23,455.69</u>		<u>.00</u>	<u>112,848.40</u>	<u>.00</u>
							112,848.40

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 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	INTEREST REC. TO MATURITY	PRINCIPAL	TOTAL INCOME ANTICIPATED
U.S. SERIE K BONDS	4-67	2.76%	\$ 82.80	\$ 2,000	\$ 2,082.80
U.S. TREASURY BONDS	12-68	2.50%	300.00	3,000	3,262.50
SIoux IRRIG DIST BONDS	1984 SERRIALLY	2.25%	3,442.50	13,500	19,325.00
			<u>\$3,825.30</u>	<u>\$18,500</u>	<u>\$24,670.30</u>

EXCESS OVER \$90,000 CASH IN FUND 535-770 TO BE CREDITED TO GENERAL FUND. 1-2 '58 AG OPINION

NORTH DAKOTA STA. WATER COMMISSION  
PAYROLL - MAY, 1966

NAME	POSITION	GRADE	REMARKS	MAY '66	W/TAX	S.S.	INS.	BONDS	NET
HOISVEEN, MILO W.	STATE ENGR.	Q-10	INC MAR '65	1,292.00	204.00	54.26	16.30	168.75	848.69
ANDERSON, KAREN	STENO	E-2	STA MAY '66	78.60	8.60	3.30			66.70
BAESLER, GORDON	DRAFTSMAN	J-4	INC FEB '66	568.33	66.40	23.87			478.06
BALLIET, ALLEN	RODMAN	E-5	STA MAY '66	228.64	24.30	9.60			194.74
CHRISTENSEN, RAY	ENGR. AID	H-2	INC FEB '66	425.00	52.50	17.85			354.65
DELZER, DONALD	CHEMIST	I-7	STA MAY '66	550.00	72.90	23.10	16.30		437.70
DIEDE, JANE	STENO	D-5	INC FEB '66	250.00	28.00	10.50	3.25		208.25
DONALDSON, DAVID	G.W. TECH.	F-2	STA MAY '66	325.00	40.20	13.65			271.15
DUSHINSKE, RUSSELL	COMM.	I5	STA JUL '65	15.00		.63			14.37
EMERSON, MATT	W.R. ENGR.	I-7	STA MAY '66	261.90	18.20	11.00			232.70
FREDRICKSON, FRED	COORDINATOR	M-7	INC FEB '66	790.00	125.00	33.18	16.30		615.52
FROELICH, LARRY	GEOLOGIST	K-9	INC FEB '66	660.00	81.70	27.72	15.95		534.63
FROEMMING, DALE	ENGR. AID	G-4	INC FEB '66	400.00	54.90	16.80			328.30
GALLAGHER, RICHARD	COMM.	I5	STA JUL '61	15.00		.63			14.37
GLOVER, DALE	HYDROLOGIST	M-5	INC FEB '66	750.00	150.00	31.50			568.50
GRAY, GORDON	COMM.	I5	STA JUL '65	15.00		.63			14.37
GRUNSETH, ARLAND	GEOLOGIST	L-7	INC FEB '66	725.00	75.50	30.45	16.30		602.75
HANSON, HAROLD	COMM.	I5	STA JUL '65	15.00		.63			14.37
HILAND, LEONE	CH. STENO	I-2	INC FEB '66	475.00	78.10	19.95	3.35		373.60
HOGER, DENNIS	RODMAN	D-9	STA MAR '66	300.00	32.90	12.60			254.50
JACOBSON, HUGH	ASST. DRILL	F-2	STA APR '66	335.00	3.30	14.07			317.63
JOCHIM, CLIFF	ATTORNEY	G-6	INC FEB '66	420.00	77.20	17.64	16.30		308.86
KOCH, KAY	STENO	F-6	INC FEB '66	360.00	51.30	15.12	3.25	18.75	271.58
KNUTSON, LEWIS	DRILLER	H-8	INC FEB '66	500.00	38.20	21.00			440.80
KOPP, OWEN	DRAFTSMAN	F-5	INC FEB '66	350.00	40.10	14.70			295.20
LINDVIG, MILTON	ENGINEER	L-4	INC FEB '66	725.00	105.20	30.45	16.30		573.05
NELSON, C.P.	DRAIN. ENGR.	M-5	INC FEB '66	750.00	115.30	31.50			603.20
PUTZ, ROY	OFF. ASST.	F-2	INC FEB '66	325.00	30.30	13.65	3.25		277.80
REISER, DANUEL	ACCOUNTANT	H-8	INC FEB '66	500.00	46.90	21.00	15.55		416.55
SACKMAN, EUGENE	SURVEYER	I-5	INC FEB '66	525.00	41.20	22.05	15.95		445.80
SANDWICK, HAZEN	ENGINEER	N-8	INC FEB '66	870.00	116.00	36.54	16.30		701.16
SCHANTZ, GEORGE	ENGR. AID	F-5	INC FEB '66	350.00	31.40	14.70	16.45		287.45
SCHULZ, DELTON	ENGINEER	L-3	INC FEB '66	750.00	85.40	31.50	16.30		616.80
SCHULZ, JIM	ASST. SECY.	O-5	INC FEB '66	860.00	105.80	36.12	16.30		701.78
SCOTT, CLOFFORD	DESIGN ENGR.	M-5	STA JAN '66	750.00	95.30	31.50	16.30		606.90
SENGER, ANTON	OPERATOR	H-4	STA MAY '66	342.88	38.90	14.40			289.58
SIMENSON, KENNETH	REC. ENGR.	L-4	STA FEB '66	675.00	52.00	28.35	16.30		578.35
STEINBERGER, HENRY	COMM.	I5	STA JUL '61	30.00		1.26			28.74
STROBEL, ERIC	OPERATOR	2.00	STA MAY '66	60.00	5.00	2.50			52.50
TILLOTSON, ANN	RES. ASST	D-9	INC FEB '66	300.00	36.20	12.60	3.25		247.95

NORTH DAKOTA STA. WATER COMMISSION  
 PAYROLL - MAY '66

NAME	POSITION	GRADE	REMARKS	MAY '66	W/TAX	S.S.	INS	BONDS	NET
VOELLER, PIUS	FOREMAN	H-8	INC FEB '66	500.00	3.70	21.00	15.55		459.75
WALTERSON, HOWARD	CONST. SUPT	I-7	INC FEB '66	550.00	63.00	23.10	16.30		447.60
ZIEGLER, VICTOR	OPER. ENGR	O-7	INC FEB '66	900.00	124.00	37.80	16.30		721.90
SWC GROUP INSURANCE	-23-			115.00			115.00		.00
				19,982.35	2,418.90	834.40	422.70	187.50	16,118.85