

MINUTES OF FIRST MEETING OF
MISSOURI SOURIS CONSERVANCY AND RECLAMATION COMMITTEE
JANUARY 11, 1954
AND
STATE WATER CONSERVATION COMMISSION MEETING

The first meeting of the Missouri-Souris Conservancy and Reclamation Committee was held in the Hearing Room at the State Capitol, Bismarck, North Dakota, on January 11, 1954, at 10:00 A.M. The meeting was held jointly with the North Dakota State Water Conservation Commission.

The meeting was called to order by Governor Norman Brunsdale at 10:15 A.M. January 11, 1954. Those members of the Missouri-Souris Conservancy and Reclamation Committee present were:

<u>County</u>	<u>Name</u>	<u>Address</u>
Benson	Rep. John Leier	Esmond
Bottineau	Rep. Jerroll P. Erickson	Eckman
Burke	C. S. Summers	Bowbells
Cass	Sen. Harry W. Wadeson	Alice
Dickey	Mayor L. C. Mueller	Oakes
Divide	A. U. Anderson	Crosby
Eddy	Sen. C. W. Schrock	New Rockford
Foster	Rep. A. C. Lanseth	Carrington
Grand Forks	Rep. Howard Bye	Gilby
McHenry	Rep. Floyd E. Ettestad	Balfour
McLean	Clarence W. Johnson	Underwood
Nelson	Sen. Arlie I. Ferry	Lakota
Pierce	Sen. A. F. Gronvold	Rugby
Ramsey	Sen. Clyde Duffy	Devils Lake
Renville	Rep. Ray J. McLain	Mohall
Sargent	Sen. Gilman A. Klefstad	Forman
Sheridan	Sen. John Davis	McClusky
Stutsman	Sen. R. E. Meidinger	Jamestown
Ward	Rep. Brynhild Haugland	Minot

The members of the North Dakota State Water Conservation Commission present were:

- Governor Norman Brunsdale, Chairman, Bismarck
- Curtis Olson, Vice Chairman, Valley City
- Einar H. Dahl, Member, Watford City
- Oscar Lunseth, Member, Grand Forks
- Earle F. Tucker, Member, Bismarck
- A. M. Christensen, Member, Minot
- Math Dahl, Commissioner Agriculture & Labor, Member, Bismarck
- J. J. Walsh, Secretary and Chief Engineer, Bismarck

Others present were:

- Bruce Johnson, Supervising Engineer, Bureau of Reclamation, Bismarck
- A. E. Bielefeld, Regional Counsel, Bureau of Reclamation, Billings, Montana
- G. A. Freeman, Bureau of Reclamation, Bismarck
- H. W. Lyons, Jamestown
- J. J. Flannery, Jamestown

Fred J. Fredrickson, Planning Coordinator, State Water Commission, Valley City
 Milo W. Holsveen, Assistant State Engineer, Bismarck
 Vernon S. Cooper, Assistant Secretary for the Water Commission, Bismarck
 I. A. Acker, Special Ass't Att'y General for the Water Commission, Bismarck
 C. Emerson Murry, Director, N.D. Legislative Research Committee, Bismarck

The first order of business was the selection of a Temporary Secretary for the Missouri-Souris Conservancy and Reclamation Committee. Governor Brunsdale called for nominations. Senator Clyde Duffy nominated Curtis Olson as Temporary Secretary which nomination was seconded by Senator Gilman Klefstad. There being no other nominations for the position of Temporary Secretary nominations were closed and upon a voice vote Curtis Olson was named Temporary Secretary.

Governor Brunsdale then outlined the present Missouri Souris Conservancy Law as found in Chapter 347 of the 1949 Session Laws, the purpose of organizing the Missouri-Souris Conservancy and Reclamation Committee and calling the meeting. Governor Brunsdale explained that since the original Conservancy Law was enacted by the Legislature in 1949 the Water Development plan for North Dakota has been changed so that additional areas, not originally included in the plan, will be benefited. The original Conservancy Law included 15 counties in the Missouri-Souris Conservancy District that would benefit from the Missouri-Souris Project as proposed in 1949 when the law was enacted. It is now proposed that this law be revised so as to include other counties containing areas that would benefit from the present plan which provides for diversion from the Garrison Reservoir.

In order to consider this proposal it was decided by the North Dakota State Water Conservation Commission, on December 14, 1953, that a study group, consisting of representatives of all the counties presently included in the Missouri-Souris and those proposed to be added to the district should be appointed. This first meeting of the study group, was called for January 11, 1954, at which time the organization of the Committee was to be completed.

Governor Brunsdale referred to a map showing the district as it now exists and the proposed changes and other material that had been distributed to the members of the group. Copies of this material is attached to these minutes. Governor Brunsdale expressed his appreciation to the members of the group for their attendance at the meeting and for their interest in the water program of the state.

Governor Brunsdale then called on Bruce Johnson, District Manager of the Bureau of Reclamation, Bismarck, North Dakota, to discuss the Bureau of Reclamation's proposals for the development of the water resources in North Dakota.

Mr. Johnson referred to the report prepared by his office titled "Interim Information Report, Garrison Diversion Unit, Missouri-Souris Division" dated December, 1953, which had been distributed to the members of the committee. He pointed out that the report was not yet approved by either the Department or the Bureau and was, therefore, confidential at this time. Mr. Johnson stated that he did not intend to cover the contents in the report but he did wish to go over the material contained in the first pages of the report preceding the title page; the first of which is headed "Items of Special Interest in Garrison Diversion Unit Report", the second "Special Notes Regarding Garrison Diversion Unit Report", the third "Summary Impacts from Garrison Diversion Unit", the fourth "Garrison Diversion Unit - Land Under Irrigation" and to the chart labeled "Operation and Maintenance Cost and Returns". He also referred to the "Schematic Profile" found preceding page 55 of the report.

Mr. Johnson reviewed the material contained on these pages of the report and briefly outlined the Bureau of Reclamation's plan in the development of the Garrison Diversion Unit. He stated that the schedule the Bureau of Reclamation was following called for the presentation of the definite plan report on the project in 1957 and that construction of the initial supply works between the Snake Creek Reservoir to the Lonetree Reservoir could begin then and be substantially complete in 1962. He stated that if the State of North Dakota wanted the project to go ahead after the report was issued in 1957 that some legislative action should be taken on the amendment of the Missouri-Souris Conservancy Law at the 1955 session of the Legislature, so that this group could be organized and operating when the report was completed.

Mr. Johnson then explained the method that would be used to finance construction of the project. He stated that the sale of power from project facilities would be used first to retire the cost of the power installations and then such revenue would be used to pay for most of the cost of irrigation facilities. Consideration of power revenue would be on a basin-wide basis for projects within the basin. In the Garrison Diversion project power revenues will be used to construct the principal features necessary to accomplish the diversion and this cost will be borne mainly by power revenues. The cost of operation and maintenance of these facilities must be borne by the water users. One of the functions of the Conservancy District would be to provide for the operation and maintenance until the project became developed to the extent that the irrigation districts would be organized and be able to assume this obligation. The nature of the Garrison Diversion Project is such that the principal supply works would have to be constructed prior to any irrigation development and during the period between these two phases, the cost of operation and maintenance of their main supply works of project, would have to be provided by some local organization.

Mr. Johnson explained that the estimated initial cost of the operation and maintenance of the project in 1962, the proposed first year of operation, that would have to be paid by the water users was about \$265,000.00. This total cost would increase as the project was developed but that the various irrigation districts developed would assume these additional costs of the operation and maintenance.

In his remarks Mr. Johnson touched on various other features of the development plan and some of the problems involved. He stressed the fact that according to Bureau studies the Garrison Diversion project appears to be economically sound and that the irrigation potential in North Dakota appears to be much larger than in any other state in the basin particularly when the potentially irrigable lands in the Red River Valley are considered.

Mr. Johnson then requested that Mr. A. E. Bielefeld, Regional Counsel for the Bureau of Reclamation from Billings, Montana, be called on to speak to the group concerning the Conservancy Law.

Governor Brunsdale introduced Mr. Bielefeld to the Committee.

Mr. Bielefeld reviewed the reasons for the enactment of the Conservancy Law and the organization of the Conservancy District. He stated that North Dakota's law was patterned after the Conservancy District Law in Colorado under which a Conservancy District is now operating successfully. He stressed the importance of local participation and interest in the various projects undertaken in the water development program in the state and the need for revision of the present Conservancy Law in order that it could include counties in which areas are located that

would be served by the revised plan for North Dakota.

Governor Brunsdale opened the meeting to questions.

Senator John Davis noted that the amount that would be produced by a 1 mill levy on the counties in the present Missouri-Seuris Conservancy District and those proposed for inclusion would total \$360,180 and that the estimated operation and maintenance cost for the project would be \$265,000. He asked if a budget of the needs of the district were available and what the relationship between the two figures is.

Mr. Johnson stated that no budget was available and that the \$265,000 was only the estimated cost of operation and maintenance. Any budget for the district would have to include the amount necessary to cover operation and maintenance of the facilities of the project until taken over by the water users organizations plus the administrative costs of the district.

Governor Brunsdale stated that there was no relation between the \$265,000 and the \$360,180 and that the latter amount was what would be produced by a 1 mill levy, as authorized in the current Conservancy Law, on the assessed valuation of all property proposed for inclusion in the district.

Senator Gilman A. Klefstad asked if those counties included in the district can withdraw from the district?

Governor Brunsdale stated that it would require an action by the State Legislature to exclude counties from the district.

Senator Klefstad then asked if counties voted on the mill levy?

Mr. Johnson answered no; the levy was set by the Conservancy Law and would be assessed against all property in the district. He further stated that possibly the first levy of any size required would be in 1962 when it is planned the initial operation of the facilities will be undertaken.

A question was asked as to who pays for the main canal and supply works?

Mr. Johnson said these costs would be paid mainly by the Federal government from revenues from the sale of power and sale of water to municipalities.

Senator Harry W. Wadson asked whether or not the canals and pumping plants to the Lonetree Reservoir should be built immediately after the investigations and surveys were completed?

Mr. Johnson replied that it would be up to the proponents of the project to determine when these facilities should be constructed.

Senator C. W. Schrock asked, what engineering service is available on a local level from the Bureau of Reclamation?

Mr. Johnson answered that the Bureau steps its engineering studies at the farm turnout in the development of irrigation projects. He added that the Soil Conservation Service provides the individual farmers with free engineering service in the layout of their farms and that the Farm Home Administration will lend money to farmers for irrigation development under certain conditions.

Mr. Bielefeld added that the Bureau would contract with the Conservancy District to deliver water to some main point. He added that the individual irrigation districts would contract with the Bureau for the supply works for their districts.

Representative John Leier asked, what the cost of preparation of land and installing an irrigation system to the farmer is and what type of systems are proposed, the sprinkler or gravity method?

Mr. Johnson said that the type of system is optional but the Bureau recommended that the land be leveled where possible and the gravity method be used. The cost to level land for irrigation varies from a few dollars an acre to \$80 or \$90. He explained a method of land leveling used by a farmer in the upper Heart River valley where he leveled 20 acres a year paying for the entire cost as he had the work done. He found that the crop he took off the land leveled the first year was sufficient to pay the cost to level the land. Mr. Johnson stated that sprinkler systems were expensive to install and cost more to operate, although they can and will be used on the rougher lands where leveling would damage the soil or be too costly.

Representative Leier asked; "How is land leveling accomplished? Is the topsoil stripped and then replaced?"

Mr. Johnson said that in the lands the Bureau has classified as irrigable and proposed for leveling there is sufficient topsoil to permit the leveling necessary without stripping such topsoil and then replacing it after the land has been leveled. He added in classifying land as irrigable the Bureau has not included any land that could be served only by sprinkler systems therefore the total acres eventually irrigated in this project would probably be considerably greater than that now listed.

Representative Howard Bye asked; "What effect will the diversion have on the streams in the eastern part of the state?"

Mr. Johnson answered that about 210,000 acre feet annually would be placed in the Red River but until irrigation of the areas in eastern North Dakota is developed the small streams such as the Turtle, Forrest, Goose and Park Rivers would not receive any supplemental flow.

Senator Wadson asked; "What is the location of the proposed Sheyenne Dam?"

Mr. Johnson answered that it would be immediately west of the highway about 1 mile north of the town of Sheyenne.

Mr. A.M. Christensen asked; "Is there enough water to accomplish all the irrigation contemplated?"

Mr. Johnson answered the average flow in the Missouri River at Garrison is 14,000,000 acre feet and that from 2,000,000 to 3,000,000 acre feet would be needed for the irrigation of the approximately 1,000,000 acres of land proposed for development.

Governor Brunsdale asked for a verification of the statement that construction was scheduled for 1962.

Mr. Johnson said that construction can begin in 1957 or 1958 and operation can begin in 1962.

Governor Brunsdale then asked; "If construction is started prior to 1962 will a levy be necessary for operation and maintenance costs?"

Mr. Johnson answered no it would not be necessary to make any sizable levy before 1962.

Senator Schrock asked; "Will water be diverted from the Sheyenne River into the James River?"

Mr. Johnson answered that water would be diverted into the James from the Lonetree Reservoir and not from the Sheyenne River.

Governor Brunsdale then stated that the next order of business would be for the election of a Chairman, Vice Chairman and Secretary for the Missouri-Souris Conservancy and Reclamation Committee and he called for nominations for the office of Chairman.

Senator Duffy nominated Senator R.M. Streibel of Wells County as Chairman of the Committee which nomination was seconded by Representative Langseth.

Senator Klefstad moved that nominations be closed which motion was seconded by Senator Gronvold.

Upon a voice vote called for by the Chairman, Senator Striebel was unanimously elected Chairman.

Governor Brunsdale then called for nominations for the position of Vice Chairman.

Representative Leier nominated Representative Brynhild Haugland for the position of Vice Chairman which nomination was seconded by Mr. Anderson.

Representative Bye moved that nominations be closed which motion was seconded by Senator Davis.

Upon a voice vote Representative Haugland was unanimously elected Vice Chairman.

Governor Brunsdale asked for nominations for the position of permanent secretary for the committee.

Senator Duffy requested that the North Dakota State Water Conservation Commission provide someone from their office for the position of Secretary.

Mr. Curtis Olson, Vice Chairman of the State Water Conservation Commission, nominated Mr. Vernon S. Cooper, Assistant Secretary for the State Water Conservation Commission, as Secretary of the Committee.

Mr. Oscar Lunseth seconded the nomination.

There being no other nominations, upon a voice vote called for by Governor Brunsdale, Mr. Cooper was elected permanent Secretary of the Committee.

Governor Brunsdale then requested that in the absence of the Chairman of the Committee Senator R. M. Streibel, the newly elected Vice Chairman, Representative Brynhild Haugland preside at the meeting, and Vice Chairman Haugland requested Governor Brunsdale to continue.

Governor Brunsdale called on Fred J. Fredrickson, Planning Coordinator for the North Dakota State Water Conservation Commission to review the proposed Rules and Regulations for the Missouri-Souris Conservancy and Reclamation Committee.

Mr. Fredrickson presented the following Rules and Regulations for the Committee for consideration.

PART I - PREFATORY

Article 1

Name

This group shall be known as the MISSOURI-SOURIS CONSERVANCY AND RECLAMATION COMMITTEE.

Article 2

Membership

The membership of this Committee, named in a resolution adopted by the North Dakota State Water Conservation Commission, December 14, 1953, and commissioned by the Governor, shall consist of:

	<u>County</u>	<u>Name</u>	<u>Post Office Address</u>
1	Barnes	Rep. John T. Heimes	Valley City
2	Benson	Rep. John Leier	Esmond
3	Bottineau	Rep. Jerroll P. Erickson	Eckman
4	Burke	C. S. Summers	Bowbells
5	Cass	Sen. Harry W. Wadson	Alice
6	Dickey	Mayor L. C. Mueller	Oakes
7	Divide	A. U. Anderson	Crosby
8	Eddy	Sen. C. W. Schrock	New Rockford
9	Foster	Rep. A. C. Langseth	Carrington
10	Grand Forks	Rep. Howard Bye	Gilby
11	Griggs	Sen. L. A. Sayer	Cooperstown
12	LaMoure	Rep. Roy A. Heland	LaMoure
13	McHenry	Rep. Floyd E. Ettestad	Balfour
14	McLean	Clarence W. Johnson	Underwood
15	Nelson	Sen. Arlie I. Ferry	Lakota
16	Pierce	Sen. A. F. Gronvold	Rugby
17	Ramsey	Sen. Clyde Duffy	Devils Lake
18	Renville	Rep. Ray J. McLain	Mohall
19	Sargent	Sen. Gilman A. Klefstad	Forman
20	Sheridan	Sen. John Davis	McClusky
21	Stustman	Sen. R. E. Meidinger	Jamestown
22	Ward	Rep. Brynhild Haugland	Minot
23	Wells	Sen. R. M. Streibel	Fessenden
24	Williams	Sen. Iver Solberg	Ray

Article 3

Definitions

Unless the context or subject matter otherwise requires:

1. "Committee" shall mean the Missouri-Souris Conservancy and Reclamation Committee;
2. "District" or "Conservancy District" shall mean the Missouri-Souris Conservancy and Reclamation District, created by Chapter 347, Session Laws of 1949, being Chapter 61-24 of the Supplement to the North Dakota Revised Code of 1943;
3. "Garrison Diversion Unit" shall mean the project works including pumps, canals, powerplants, reservoirs and project drains required to divert water from Garrison Reservoir into northern, central and eastern North Dakota including water use developments proposed for the Souris, Sheyenne, Red, James and Devils Lake Basins;
4. "Modified Plan" shall mean the Bureau of Reclamation plan for the development of the Garrison Diversion Unit;
5. "Missouri-Souris Division" shall include both the Garrison Diversion Unit and a smaller diversion from the Missouri River in Montana called the Missouri Diversion Unit. Although a separate diversion system is now proposed for each state, they are still considered a single division of the Missouri River Basin Project;
6. "Missouri River Basin Project" shall mean the comprehensive plans for the development of the entire basin of the Missouri River as authorized by Flood Control Act of 1944, approved December 22, 1944.

Article 4
Purposes and Objectives

The purposes for which this Committee is created are:

1. To become better informed on the latest plans of the Bureau of Reclamation and the State Water Conservation Commission for the development of the Missouri-Souris Division of the Missouri River Basin Project, particularly the Garrison Diversion Unit under the Modified Plan;
2. To study the need and consider the reasons for amending the Missouri-Souris Conservancy and Reclamation District Act in order that such law may better conform to and serve the Garrison Diversion Unit as proposed for development under the Bureau's modified Plan therefore.

The Committee's objectives shall be:

1. To report upon its work with recommendations for necessary, desirable and appropriate amendments to and changes in the said Conservancy District Act in order to assure adequate local participation and facilitate construction of the Garrison Diversion Unit, and to provide for the initial operation and maintenance costs in connection therewith; and

- 2. To render such assistance and advise in effectuating the Committee recommendations as each member may deem proper and meet in the circumstances.

PART II - PARLIAMENTARY

Article 1
Organization

At the first meeting of the Committee it shall organize by electing from its membership a Chairman and Vice Chairman, and a Secretary who may be some one not a member of the Committee.

Article 2
Meetings

Committee meetings shall be called by the Secretary upon the order of the Chairman. Notice thereof shall be mailed to each member at the post office address shown herein at least ten days prior to the date of such meeting; provided, however, that a meeting may be held at any time without the notice herein provided, if all members are present in person or represented by alternates or proxies, or if written assent thereto or a waiver of notice of the meeting has been given and filed by each absent member.

Article 3
Quorum

A majority of the members present in person or represented by alternates or proxies shall constitute a quorum at any meeting of the Committee.

Article 4
Voting

Each member present, alternate or proxy shall have one vote, and a majority of these voting shall be required to elect, carry a motion or bind the Committee.

Article 5
Parliamentary Rules

Whenever there is a question as to parliamentary rules of procedure not provided for herein, "Robert's Rules of Order" of the most recent edition shall govern.

Governor Brunsdale then asked if there was any discussion of the Rules and Regulations as proposed and pointed out the suggested method for alternate or proxies and asked if there was any objection to this provision.

Mr. Fredrickson explained that under the proposed rules and regulations a member of the committee could either name an alternate or he could give his proxy to another member of the Committee. Governor Brunsdale suggested any alternates named should be from the same area as the member of the Committee who names the alternate.

There being no further discussion of the proposed Rules and Regulations Senator Schrock made a motion that was seconded by Mayor L. C. Mueller that the Rules and Regulations as proposed be adopted.

Upon voice vote all members voted aye and the Rules and Regulations were declared adopted.

Mr. Fredrickson then suggested that a drafting committee be appointed to begin work on the revision of the Missouri-Souris Conservancy Law as it now exists, and that this committee need not necessarily be composed entirely of members of the Missouri-Souris Conservancy and Reclamation Committee.

No action was taken on this proposal.

Mr. Johnson then offered the service of his office to the committee members in meetings they may desire to hold in their own localities.

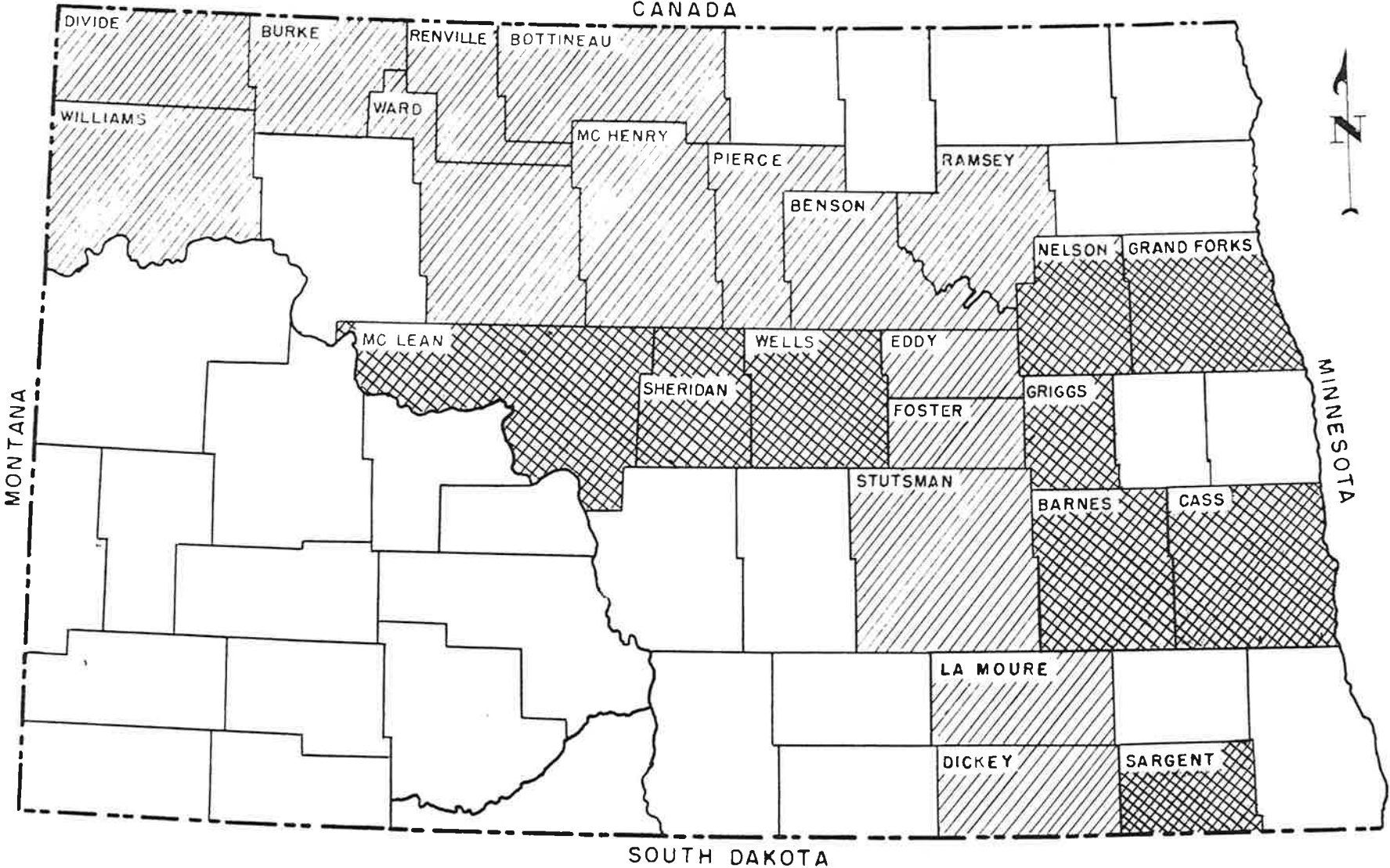
Governor Brunsdale asked if there was any further business to come before the committee and, there being none, the meeting was declared adjourned at 12:00 noon

APPENDIX NO. 1 - Map showing Missouri-Souris Conservancy and Reclamation District and counties proposed for addition to district.

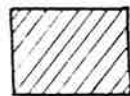
APPENDIX NO. 2 - Population and Tax data concerning counties in Missouri-Souris Conservancy and Reclamation District and those proposed for addition.

NORTH DAKOTA

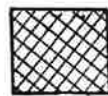
CANADA



MISSOURI-SOURIS CONSERVANCY AND RECLAMATION DISTRICT



Counties now in district



Counties suggested for inclusion in district

MISSOURI-SOURIS CONSERVANCY AND RECLAMATION DISTRICT
(Session Laws 1949, Chapter 347)

	1950 Population	Area in Sq.Mi.	Area in Acres	1953 100% Assessed Valuation All Property	50% Taxable Valuation	Amount Produced By 1 - mill Levy
1 Benson	10,675	1,412	903,680	\$ 23,136,425	\$ 11,568,213	\$ 11,568
2 Bottineau	12,140	1,699	1,087,360	28,537,482	14,268,741	14,269
3 Burke	6,621	1,121	717,440	15,752,583	7,876,291	7,876
4 Dickey	9,121	1,144	732,160	22,792,845	11,396,423	11,397
5 Divide	5,967	1,303	833,920	13,964,388	6,982,194	6,982
6 Eddy	5,372	643	411,520	12,956,662	6,478,331	6,478
7 Foster	5,337	648	414,720	14,550,712	7,275,356	7,275
8 LaMoure	9,498	1,137	727,680	22,184,228	11,092,114	11,092
9 McHenry	12,556	1,890	1,209,600	27,518,710	13,759,355	13,759
10 Pierce	8,326	1,053	673,920	19,292,484	9,646,242	9,646
11 Ramsey	14,373	1,214	776,960	33,118,959	16,559,479	16,560
12 Renville	5,405	901	576,640	12,277,732	6,138,866	6,139
13 Stutsman	24,158	2,274	1,455,360	46,179,326	23,089,663	23,090
14 Ward	34,782	2,048	1,310,720	54,573,651	27,286,825	27,287
15 Williams	16,442	2,100	1,344,000	39,942,746	19,971,373	19,971
Totals, present district	180,773	20,587	13,175,680	\$386,778,933	\$193,389,466	\$193,389
Proposed to be added:						
1 Barnes	16,884	1,486	951,040	\$ 36,009,431	\$ 18,004,716	\$ 18,004
2 Cass	58,887	1,749	1,119,360	116,248,920	58,124,460	58,124
3 Grand Forks	39,443	1,438	920,320	66,325,043	33,162,522	33,163
4 Griggs	5,460	714	456,960	15,201,421	7,600,710	7,600
5 McLean	18,824	2,287	1,463,680	26,003,769	13,001,898	13,001
6 Nelson	8,090	997	638,080	20,595,841	10,297,921	10,297
7 Sargent	7,616	855	547,200	18,133,846	9,066,923	9,066
8 Sheridan	5,253	995	636,800	10,756,076	5,378,038	5,378
9 Wells	10,417	1,300	832,000	24,309,073	12,154,536	12,154
Subtotals for proposed add- itional coun- ties	170,874	11,821	7,565,440	\$333,583,447	\$166,791,724	\$166,791
GRAND TOTAL	351,647	32,408	20,741,120	\$720,362,380	\$360,181,190	\$360,180
STATE TOTAL	619,636	70,057	44,836,480	\$1,244,415,656	\$622,207,828	

STATE WATER CONSERVATION COMMISSION
 Minutes of Meeting
 Held in Office of the State Water Commission
 Bismarck, North Dakota
 January 11, 1954

A regular meeting of the North Dakota State Water Conservation Commission was called to order on January 11, 1954, at the State Water Conservation Commission office in Bismarck, North Dakota, to meet with committees and to consider regular business matters. The following were present:

MEMBERS OF STATE WATER CONSERVATION COMMISSION:

Honorable Norman Brunsdale, Governor and Ex-Officio Chairman
 Curtis Olson, Vice-Chairman, Member from Valley City
 Einar H. Dahl, Member from Watford City
 Oscar Lunseth, Member from Grand Forks
 Earle F. Tucker, Member from Bismarck
 A. M. Christensen, Member from Minot
 Math Dahl, Member from Bismarck and Commissioner of Agriculture and Labor
 J. J. Walsh, Secretary and Chief Engineer, State Engineer

OTHERS PRESENT AT THE MEETING:

Gordon Cox, Attorney, Bismarck
 William Pearce, Attorney, Bismarck
 V. M. Wann, Engineer, Standard Oil Company, Mandan
 W. Van Heuvelen, State Health Department, Bismarck
 Richard Gallagher, City Attorney, Mandan
 George Toman, City Engineer, Mandan
 Carl Keidel, Commissioner, Lower Heart R. Water Con. and Flood Control District
 L.C. Hulett, Commissioner, Lower Heart R. Water Con. and Flood Control District
 R.E. Sylvester, Commissioner, Lower Heart R. Water Con. and Flood Control District
 Col. Henry Hille, District Engineer, U.S. Army Engineers, Garrison District
 R.H. Hayes, Chief, Engineering Division, U.S. Army Engineers, Garrison District
 H.K. Pratt, Chief, Reports & Hydraulics Branch, U.S. Army Engineers, Garrison Dist.
 Mr. Erickson, Engineer, U.S. Army Engineers, Garrison District

The meeting was called to order at 2:00 o'clock p.m. by Vice-Chairman Curtis Olson with Commissioners Oscar Lunseth, Earle F. Tucker, A.M. Christensen, Einar Dahl, Math Dahl and Secretary J. J. Walsh present.

Attorney I. A. Acker entered the meeting at 2:00 o'clock p.m.

Vice-Chairman Curtis Olson read a letter written by Verson S. Cooper, Assistant Secretary of the State Water Conservation Commission to the Attorney General, requesting an opinion as to the availability of funds appropriated to the State Water Conservation Commission for "Construction and Reconstruction of Drains or Irrigation" for use in assisting in river channel improvement work in Pembina County, and the Attorney General's answer to this request.

Attorney Acker was called upon to explain the opinion of the Attorney General a little more fully. Attorney Acker stated this it was his opinion, which had been approved by the Attorney General, that unless this work was undertaken by a county board of drain commissioners or township board, the State Water Conservation Commission could not give financial assistance for these projects. It

was decided that the Secretary should write to Pembina County and find out if the projects had been undertaken by the county or township drain board.

Attorney Acker left the meeting at 2:25 o'clock p.m.

It was moved by Commissioner Earle F. Tucker and seconded by Commissioner A.M. Christensen that the Financial Statements for December, 1953, be approved and filed in the office of the State Water Conservation Commission. All voted aye and the motion carried.

A letter from Mr. Albert C. Hankey, representing the Big Meadow landowners, was read to the Commissioners by Vice-Chairman Curtis Olson. Mr. Hankey's letter commented on the matter of the unsuccessful election on the organization of the Big Meadow Reclamation District, which was held in Wildrose, North Dakota, and hoped they would be able to have another election in the spring at which the organization of the district would be approved.

Mr. Gordon Cox and William Pearce, Attorneys, V.M. Wann, Engineer from the Standard Oil Refinery in Mandan and W. Van Heuvelen from the Health Department, entered the meeting at 2:30 o'clock p.m.

Mr. Pearce representing the Standard Oil Company presented a petition to the Commission requesting the exclusion of the company's property in sections 14, 15, 22 and 23, township 139, range 81, from the Lower Heart River Water Conservation and Flood Control District. He stated that the property of the Standard Oil Company would not be benefited by being included in the district.

Carl Keidel, L.C. Hulett, and R.E. Sylvester, members of the Board of Commissioners of the Lower Heart River Water Conservation and Flood Control District, Richard Gallegher, Mandan City Attorney, and George Toman, Mandan City Engineer, entered the meeting at 3:00 o'clock p.m.

Mr. George Toman, Mandan City Engineer, reviewed the preliminary plan for the Lower Heart River Water Conservation and Flood Control District.

All the present members of the Board of Commissioners of the District agreed that the property belonging to the Standard Oil Company in sections 14, 15, 22 and 23, township 139, range 81, would not receive any benefits by being included in the district and therefore they would not object to the exclusion of this property from the district.

Commissioner Oscar Lunseth made a motion, seconded by Commissioner Earle F. Tucker, that the Commission reconsider its action in issuing the "Order Establishing the Lower Heart River Water Conservation and Flood Control District of Morton County" in order that the boundaries of the district could be modified so as to exclude the property of the Standard Oil Company in sections 14, 15, 22 and 23, township 139, range 81. Upon roll call by Vice-Chairman Curtis Olson, Commissioners Oscar Lunseth, Earle F. Tucker, A.M. Christensen, Einar Dahl, Math Dahl, and Curtis Olson all voted aye. Motion carried.

A motion was made by Commissioner Earle F. Tucker and seconded by Commissioner Math Dahl, that the petition of the Standard Oil Company requesting that the boundaries of the Lower Heart River Water Conservation and Flood Control District be modified so as to exclude the land in Sections 14, 15, 22 and 23, Township 139 N., Range 81 W., Morton County, not within the City limits of Mandan, North Dakota, be granted and that the Chairman and Secretary of the Commission be authorized to make and issue the following order, excluding from the district such premises. Upon

roll call by Vice-Chairman Curtis Olson, Commissioners Math Dahl, A.M. Christensen, Einar Dahl, Earle F. Tucker, Oscar Lunseth, and Curtis Olson all voted aye and the motion carried.

The members of the Board of Commissioners of the Lower Heart River Water Conservation and Flood Control District, Mandan City Engineer and Attorney, V.M. Wann, Gordon Cox, William Pearce and W. Van Heuvelen left the meeting at 3:45 o'clock p.m.

Commissioner Curtis Olson made a motion which was seconded by Commissioner A.M. Christensen to approve payment of the voucher in the amount of \$20,000.00 to the North Dakota Agricultural College, Experiment Station, to be used for conducting detailed soil surveys in North Dakota, in accordance with the cooperative agreement dated June 30, 1953, entered into by the North Dakota Agricultural Experiment Station and the North Dakota State Water Conservation Commission. Upon roll call by Vice-Chairman Curtis Olson, Commissioners Oscar Lunseth, Earle F. Tucker, A.M. Christensen, Einar Dahl, Math Dahl and Curtis Olson all voted and the motion carried.

Commissioner A.M. Christensen moved that the voucher from the National Rivers and Harbors Congress for membership dues for the State Water Conservation Commission and J. J. Walsh for 1953 in the amount of \$105.00 be paid. The motion was seconded by Commissioner Math Dahl and upon roll call by Vice-Chairman Curtis Olson, Commissioners Math Dahl, Oscar Lunseth, Einar Dahl, A.M. Christensen, Earle F. Tucker, and Curtis Olson all voted aye. Motion carried.

Colonel H.L. Hille, District Engineer, Garrison District, Corps of Army Engineers, R.H. Hayes, Chief Engineering Division, Garrison District, H.K. Pratt, Chief, Reports and Hydraulics Branch, Garrison District, and Mr. Erickson, Engineer, Garrison District, entered the meeting at 3:45 o'clock p.m.

Colonel Hille and members of his staff reviewed the plans for the protective works for the Lower Heart River Water Conservation and Flood Control District. Also present were the members of the Board of Commissioners, L. C. Hulett, Carl Keidel, and R. E. Sylvester, for the Lower Heart River Water Conservation and Flood Control District who discussed several problems that had arisen in connection with the proposed protective works for the district.

The Board of Commissioners from the Lower Heart River Water Conservation and Flood Control District left the meeting at 4:30 o'clock p.m.

Governor Norman Brunsdale entered the meeting at 4:30 o'clock p.m.

Colonel Hille then reviewed the plans for operating the Garrison Reservoir after Garrison dam is completed and its operation in connection with the other main stem dams in the Missouri Basin Program.

Colonel Hille and his staff left the meeting at 5:45 o'clock p.m.

A motion was made by Commissioner A. M. Christensen and seconded by Commissioner Curtis Olson to approve the payment of the voucher to the Register of Deeds in Cass County for the Rush River Water Conservation and Flood Control District for recording the index map for the Rush River Water Conservation and Flood Control District in the amount of \$16.00. Upon roll call by Governor Brunsdale, Commissioners Curtis Olson, Oscar Lunseth, Earle F. Tucker, A. M. Christensen, Einar Dahl, Math Dahl, and Governor Brunsdale all voted aye. Motion carried.

Commissioner Math Dahl made a motion to approve the plans for facilities for the Rush River Water Conservation and Flood Control District as proposed by the U. S. Corps of Army Engineers. The motion was seconded by Commissioner Earle F. Tucker and upon roll call by Governor Brunsdale, Commissioners Math Dahl, Einar H. Dahl, A. M. Christensen, Earle F. Tucker, Oscar Lunseth, Curtis Olson, and Governor Brunsdale all voted and the motion carried.

There being no further business to discuss the meeting adjourned at 6:00 o'clock p.m.

Respectfully submitted,


Secretary

ATTEST:


Chairman

* 5
1-31-54

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
 MONTHLY REPORT OF APPROPRIATIONS AS OF JANUARY 31, 1954
 1953-1955 APPROPRIATIONS

Fund No.	Appropriation Title	Available July, 1953	Expended to Dec. 1953	Expended Jan. 1954	Balance Jan. 31, 1954
1.	Commissioners-Per Diem & Expenses	\$ 6,000.00	\$ 1,180.48	\$ 150.94	\$ 4,668.58
2.	Administrations	40,000.00	8,058.86	1,506.62	30,467.47
	Collections and Refunds	32.95			
3.	Maintenance of Dams	100,000.00	20,570.66	1,715.62	79,178.16
	Refunds	1,464.44			
4.	International & Interstate - Commission's & Conference Expenses	8,000.00	1,291.60	151.20	6,557.20
5.	Topographic & Conservation Cooperation with U. S. Geological Survey	30,000.00			30,000.00
6.	Hydrographic Surveys, Cooperation with U. S. Geological Survey	25,000.00	3,220.53		21,779.47
7.	Salary - State Engineer	6,000.00	1,500.00	250.00	4,250.00
9.	Engineering & Geological Survey & Demonstrations	35,000.00	5,741.42	410.88	28,847.70
10.	Cooperations with U. S. Department & for organizing Conservation & Irrigation Dist.	50,000.00	5,189.16	860.20	43,950.64
11.	Small Projects, Other Invest. Surveys Etc. Collections and Refunds	100,000.00 185.61	26,367.47	2,897.14	70,921.00
		401,683.00	73,120.18	7,942.60	320,620.22
		401,683.00	73,120.18	7,942.60	320,620.22

VSC:le

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
 MONTHLY REPORT OF APPROPRIATIONS AS OF JANUARY 31, 1954
 1951 - 1953 APPROPRIATIONS

Fund Number	Appropriations Title	Available July, 1951	Expended to Jan. 31, 1954	Balance Jan. 31, 1954
1.	Commissioner-Per Diem & Expenses	\$ 6,000.00	\$ 5,720.71	\$ 279.29
2.	Administrations	35,000.00	38,293.58	1,191.70
	Collections and Refunds	4,485.28		
3.	Maintenance of Dams	120,000.00	163,775.83	18,451.85
	Collections and Refunds	62,227.68		
4.	Interzational & Interstate - Commissions' & Conference Expense	14,000.00	7,517.59	6,482.41
5.	Topographic & Conservation, Cooperation with U. S. Geological Survey	35,000.00	35,000.00	NIL
6.	Hydrographic Surveys, Cooperations with U. S. Geological Survey	25,000.00	25,000.00	NIL
7.	Salary - State Engineer	6,000.00	6,000.00	NIL
8.	Construction & Reconstruction Drains or Irrigation	90,000.00	45,544.04	44,455.96
9.	Engineering & Geological Surveys & Demonstrations	35,000.00	38,500.00	NIL
	Add: Transfer from # 10	3,500.00		
10.	Cooperation with U. S. Department & for organizing Conservation & Irrigation Districts	65,000.00	60,028.99	1,471.01
	Less: Transfer to # 9	3,500.00		
11.	Small Projects, Other Invest. Surveys Etc.	150,000.00	104,692.47	45,307.53
		<u>\$ 47,712.96</u>	<u>\$ 530,073.21</u>	<u>\$ 117,639.75</u>

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NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
 MONTHLY REPORT OF APPROPRIATION AS OF JANUARY 31, 1954
 CONSTRUCTION & RECONSTRUCTION DRAIN OR IRRIGATION
 1953 - 1957

Appropriation Title	Available July 1, 1953	Expended	Balance January 31, 1954
Construction and Reconstruction Drains or Irrigation	\$ 140,000.00	NIL	\$ 140,000.00
	<u>140,000.00</u>	<u>NIL</u>	<u>140,000.00</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
 MONTHLY REPORT OF APPROPRIATION AS OF DECEMBER 31, 1953
 CONSTRUCTION BOND GUARANTY FUND (CONTINUING APPROPRIATION)

Appropriation Title	Balance July 1, '53	Expended	Balance January 31, 1954
Construction Bond Guaranty Fund	\$ 70,541.00	NIL	\$ 70,541.00
	<u>70,541.00</u>	<u>NIL</u>	<u>70,541.00</u>

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NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
BALANCE OF PRIOR APPROPRIATIONS RECEIVED BY OPINION OF
ATTORNEY GENERAL AND UNDER SECTION 54-2709
AS OF DECEMBER 31, 1953

Fund No.	Year	Appropriation Title	Balance Available	Expended to Jan. 31, 1954	Balance Jan 31, '54
1	1939	Commissioner's Per Diem	\$ 1,727.00	\$ 1,684.24	\$ 42.76
5	1939	Sponsor's Share of Dam Repairs	2,088.08	2,058.52	29.56
1	1941	Commissioner's Per Diem	395.00	159.76	235.24
4	1941	Maintenance of Existing Dam, Plus \$ 51.00 Refund	53.86	0NIL	53.86
12	1941	Tri-State Water Administration & Conference	8.61	NIL	8.61
15	1941	Topographic Survey	.23	NIL	.13
			\$ 4,272.68	\$ 3,902.52	\$ 370.16

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NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
DEPOSITS IN THE BANK OF NORTH DAKOTA
JANUARY 31, 1954

Source of Deposits	Transit No.	Amount Deposited	Expended to Jan. 31.	Balance Jan. 31, '54
Collection on Yellowstone Pumping Irrigation District \$ 3,500.00 warrant. Tax Collections for partial payment of interest and principal to March, 1953.	501-118	\$1,875.28		\$ 1,875.28
Contributions for Groundwater Surveys:				
Fessenden \$ 1,000.00	Grafton \$ 500.00			
Mountain 100.00	Hunter 750.00			
Maddock 750.00	Tioga 1,000.00			
Lakota 1,000.00	Mohall 1,000.00			
Rolla 750.00	Richardton 750.00			
Devils Lake 7,500.00	Bowbells 1,000.00			
Aneta 1,000.00	Michigan 580.00			
Litchville 1,000.00	Wimbledon 1,000.00			
Wyndmere 1,000.00	Fairmount 1,000.00			
Portland 700.00	Hope 1,000.00			
Kindred 1,000.00	Sharon 250.00			
Myle 250.00	Stanley 1,500.00			
Neché 300.00	Upham 750.00			
Transfer .10	Minnewaukan 1,000.00			
St. John 750.00	Streeter 1,000.00			
Hankinson 1,000.00	Powers Lake 250.00			
	501-128	32,430.60	\$ 20,726.13	11,704.47
Booklet Account	501-127	2,881.57	1,488.32	1,393.25
Lewis & Clark Irrig. Dist. Drainage Fund	501-121	2,806.92	2,786.40	20.52
TOTAL OF ALL BANK OF NORTH DAKOTA DEPOSITS AS OF JANUARY 31, 1954				\$ 14,993.52

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PAYROLL OF
NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
JANUARY, 1954

Name	Position	Salary for January	Withhold- ing Tax	N.Dak. Oasis	Hosp. Ins.	Savings Bond	NET PAY	Remarks
Walsh, J.J.	Sec'y State Engr.	\$ 600.00	\$ 81.60	\$ 5.25	\$ 9.65	\$	\$ 503.50	Increased Sept '53
Acker, I. A.	Spec. Ass't Atty Gen	400.00	43.80	6.00	9.65		340.55	Increased Jan '52
Anderson, Albin	Field Engineer	325.00	38.30	4.87	9.65		272.18	Increased Jan '52
Berge, Einar	Technical Ass't	150.00		2.25	9.65		138.10	Increased Jan '52
Cooper, Vernon S.	Assistant Sec'y	500.00	51.80	7.50	9.65		431.05	Increased May '53
Duppong, Yether	Clerk -Typist	175.00	21.30	2.63	4.15		146.92	Increased Nov '53
Erickson, Lorna	Bookkeeper	160.00	19.20	2.40		18.75	119.05	Increased Nov. '53
Fredrickson, Fred	Planning Co'ord.	200.00		3.00			197.00	Increased Feb. '49
Holsveen, Milo	Ass't Chief Eng'r.	550.00	69.00	8.25	9.65		463.10	Started Sept. 1, '53
Johnson, Lloyd	Constr. Foreman	350.00	32.60	5.25	9.65		302.50	Started May 5, '53
Kudinow, Wasilij	Draftsman	285.00	31.10	4.28			249.62	Increased April '53
Nordstrom, Franz	Equipment Foreman	325.00	18.30	4.87			301.83	Increased April '53
Putz, Roy	Rodman	150.00	17.00	2.25	4.15		126.60	Increased Jan. '52
Radspinner, Arthur	Instrumentman	300.00		4.50			295.50	Started April '53
Sheldon, Marvin	Constr. Engineer	375.00	27.00	5.62	9.65		332.73	Increased Apr. '53
Tyeon, Roy	Constr. Engineer	400.00	53.80	6.00	9.65		330.55	Started Apr. 13 '53
Vettel, Joyce	Stenographer	245.00	33.90	3.67		18.75	188.68	Increased Nov. '53

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