

STATE WATER CONSERVATION COMMISSION
 Minutes of Meeting
 Held in Office of Water Conservation Commission
 Bismarck, North Dakota
 November 29, 1951

At 9:30 o'clock a.m. on November 29, the State Water Commission held a regular meeting in the Office of the Water Conservation Commission. The following persons were in attendance at the meeting:

MEMBERS OF STATE WATER CONSERVATION COMMISSION:

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

OTHERS PRESENT:

Bruce Johnson, District Manager, Bureau of Reclamation, Bismarck, North Dakota
 L. W. Burdick, Consulting Engineer, Grand Forks
 Dr. Wilson M. Laird, State Geologist, Grand Forks
 P. D. Akin, District Engineer, U.S. Geological Survey, Grand Forks

Delegation representing Bottineau:

Mr. McGee, Attorney, Minot, North Dakota
 Mr. R. H. Brant, Businessman, Minot

Delegation from Mott, North Dakota:

Mayor Fred Mees, Mott
 O. K. Butts
 A. C. De La Pointe
 O. C. Markline
 Con Burwick
 John Gifford
 Leonard Auer
 Frank Boehm
 John Swindler
 Joe Kelsch
 R. L. Larson, Regent
 Herb Hauserson, Regent
 Lawrence Swindler

Delegation from Portland, North Dakota:

John Nelson, City Auditor
 Alfred Domeyer, Mayor of Portland
 Lester Haverand

The meeting was called to order by Vice-Chairman Curtis Olson at 9:30 a.m. with Commissioners Lunseth, Christensen, Tucker, Einar Dahl, Math Dahl, Curtis Olson

and Secretary J. J. Walsh present.

It was moved by Commissioner Christensen, and seconded by Commissioner Math Dahl, that the Minutes of the State Water Conservation Commission meeting held on October 24, 1951, be approved. Upon a unanimous vote of the Commissioners the motion carried.

It was moved by Commissioner Tucker, and seconded by Commissioner Einar Dahl, that the Financial Statement of accounts of the State Water Commission for the month of October, 1951, be approved and filed in the office of the Commission. Upon a unanimous vote of the Commissioners the motion carried.

The Commissioners were notified of the date of the next meeting of the Missouri Basin Inter-Agency Committee, to be held at Topeka, Kansas on December 14, 1951.

Commissioners Einar Dahl and Lunseth reported on the recent meeting of the National Resources Council held at Grand Forks on November 20. Commissioner Lunseth stated that a very comprehensive report was given by Alex Burr, Director of Research, on the development of lignite. Other features were reports by Colonel Yoder on the activities of the Corps of Army Engineers on developments in the Red River Valley and by Dr. Tousse, Geologist with the State University, on drilling of oil in North Dakota. Commissioner E. Dahl stated that reports were being sent to the Water Commission for mimeographing and distribution.

Vice-Chairman Olson read a letter addressed to the Hon. Elmer Anderson, Governor of Minnesota, from the Secretary of the State Water Commission, requesting that a conference be arranged for a North Dakota delegation to meet with the Governor to consider the formulation of a compact between the States of Minnesota and North Dakota allocating the waters of the Red River and its tributaries. Secretary Walsh informed the Commissioners that to date no reply had been received from Governor Anderson.

Financial assistance to the Bismarck Country Club in repairing the emergency spillway of the dam was considered by the Commission. Sec. Walsh informed the Commission that according to agreement the Bismarck Country Club would furnish the easement if the Water Commission would assist them financially. However, no easement has yet been furnished by the Club and the local community is going ahead with repairs. Commissioner E. Dahl made a motion, seconded by Commissioner Lunseth, that the Commission delegate Commissioners Math Dahl and Earle Tucker to arrange to meet with the County Board to work out an agreement whereby the section line north of the Country Club leading to Apple Creek be kept maintained and made accessible to the public. Upon a unanimous vote of the Commissioners, the motion carried. Commissioner Christensen moved that a sum of not to exceed \$500 be contributed by the Water Commission toward maintenance and construction work on the emergency spillway. The motion was seconded by Commissioner Math Dahl, and upon roll call Commissioners E. Dahl, Math Dahl, Christensen, Tucker, Lunseth and Olson all voted in favor of the motion. Motion carried.

Governor Brunsdale entered the meeting at 10:30 a.m.

A preliminary estimate of cost for repair of the McElroy Park Dam at Jamestown was presented to the Commissioners, and the following action taken: Commissioner Olson moved that the Water Commission contribute 50% of the costs required for the construction work on McElroy Dam. The motion was seconded by Commissioner Math Dahl, and upon roll call Commissioners Einar Dahl, Math Dahl, Olson, Lunseth, Tucker, Christensen and Governor Brunsdale all voted aye. Motion carried. The Vice-Chairman was instructed to consult with State Water Commission engineers and members of the Jamestown delegation.

The cost of repairing the spillway of Burlington Park Dam on the Des Lacs River was also discussed, and a preliminary estimate of cost in the amount of \$15,000 was given the Commissioners for their consideration. Upon recommendation by Commissioner Math Dahl, the Commission delegated Commissioner Christensen to meet with the County Commissioners of Ward County to find out how much the County will be willing to contribute toward the cost of repair. This project, which includes Pioneer Park, is considered to be of great recreational value to the communities in the surrounding area.

Dr. Wilson Laird, State Geologist, entered the meeting at 11:10 o'clock a.m.

A statement of "Services and Expenses" by W. G. Sloan, U.S. Bureau of Reclamation, in payment of his re-examination of the Bureau of Reclamation report on the Bowbells Block of the Missouri-Souris Project was handed the Commissioners. Payments totaling \$4,608.52, including a final payment of \$1,608.52, have been made by the Water Commission to meet this expenditure, and Commissioner Christensen moved that the Water Commission approve the payments made to Mr. W. G. Sloan for his employment and expenditures in connection with the resurvey on the Bowbells Block, in the amount of \$4,608.52. The motion was seconded by Commissioner E. Dahl, and upon roll call by the Chairman, Commissioners Math Dahl, Tucker, Lunseth, Christensen, E. Dahl, Olson and Governor Brunsdale all voted in favor of the motion. Motion carried.

At 11:30 a.m. Mr. McGee, Minot attorney representing the Bottineau County Drainage Board, entered the meeting seeking figures on estimated costs of constructing a proposed project, Kane-Tacoma Drain, which covers three townships. The cost of the project was estimated at \$50,000, and Mr. McGee was interested in obtaining particulars on the estimated construction costs. Assessments have already been spread by resolution to determine votes the respective parties would have. Objections to the assessments have been received and an appeal has been made to the District Court and a trial set for December 13, but most of the farmers in the area are in favor of construction. The delegation from Bottineau left the meeting at 11:40 a.m.

Dr. Laird informed the Commissioners of activities of private drilling companies again being directed against the U.S. Geological Survey drilling program, in cooperation with the North Dakota State Water Commission, and an attempt being made to initiate legislation against the entire groundwater program, by the Lane-Minnesota and Lane-Western Company of Kansas City. He said it had its origin in the fact that North Dakota has a state-owned drilling rig, which they maintain is encroaching on private drilling.

Dr. Laird also told the Commissioners of the results of investigations and surveys made in the 50 sq. mi. area, which includes Streeter, Napoleon, Robinson and Tappen where there is a potential area of underground water for irrigation, the soil being of a coarse gravel composition and porous enough for water to sink down, thus eliminating a drainage problem. Dr. Laird believed the farmers in this area were entitled to this investigation, and that sprinkler irrigation could be developed here with a minimum of cost in the production of alfalfa and other hay crops. He also discussed the Warwick area as being amenable to irrigation. Dr. Laird stated that he would like to have the Commission's consent to initiate an investigation of the Streeter area for underground water possibilities after other necessary field work was completed.

Commissioner Tucker made a motion, seconded by Commissioner Christensen, that the Commission give their support and approval to an investigation of the possibilities of underground water irrigation in the Streeter area for the irrigation of crops, to be conducted under the direction of Dr. Wilson M. Laird, State Geologist. Upon roll call, all Commissioners voted unanimously in favor of the motion, and the motion carried.

The Commissioners discussed the re-examination of the Bureau of Reclamation report on the Bowbells Block of the Missouri-Souris project. Governor Brunsdale announced the personnel of the Missouri-Souris Projects Study Committee of three who have been selected to study the Bureau of Reclamation's special report on the Bowbells Block, Crosby-Mohall Unit. The members of the Committee are: Joseph L. Burkholder, General Manager and Chief Engineer of the County Water Authority, San Diego, California; Dr. Sidney T. Harding, Consulting Engineer, Berkeley, California; and H. E. Selby, Agricultural Land Use Economist, Washington, D.C. Tentative plans are being made to hold a preliminary meeting at Salt Lake City to schedule a program, in order that the actual field work may commence sometime in April and final draft of the report be completed before July 1. It was agreed that Governor Brunsdale should represent the State Water Conservation Commission and arrange with Kenneth F. Vernon, Regional Director of the Bureau of Reclamation at Billings, Montana, to make plans for holding a meeting of the Committee during January or February, and such other meetings as could be arranged. It was left with the Governor to take such action as he thought advisable.

Commissioner Math Dahl moved that should it become necessary for the Water Commission and the Missouri-Souris Projects Association to be represented at a preliminary meeting, that A. R. Weinhandl, President of the Missouri-Souris Projects Association, Minot, and Secretary Walsh be delegated as a committee to appear at this meeting. The motion was seconded by Commissioner Christensen, and upon a unanimous vote of the Commissioners the motion carried.

Commissioner Christensen moved that the Agreement between the United States of America and the Water Conservation Commission of North Dakota made on the 1st day of November, 1951, and signed by Governor Brunsdale, representing the State Water Conservation Commission, and Kenneth F. Vernon, Regional Director of the Bureau of Reclamation at Billings, Montana, pertaining to the program of investigations and studies made on the Missouri-Souris Unit of the Missouri River Basin Project, whereby each party will share equally in the costs and expenses, according to terms of the contract, be approved by the North Dakota Water Conservation Commission. The motion was seconded by Commissioner Olson, and upon a unanimous vote of the Commissioners the motion carried, with Commissioners Olson, Christensen, Tucker, Lunseth, Einar Dahl, Math Dahl and Governor Brunsdale all voting aye.

The meeting adjourned at 12 o'clock noon to reconvene at 1:00 p.m., with Commissioners Olson, E. Dahl, Tucker, Christensen, Lunseth and Secretary Walsh present.

The financing of publication of a newer edition of "Climate and Weather in North Dakota" by Frank J. Bavendick, Meteorologist, Bismarck Weather Bureau, was discussed by the Commissioners, and the Secretary was instructed to obtain an estimate of cost from the State Printer. Final decision on the matter was deferred until the next meeting of the Commission.

Vice-Chairman Olson read a letter received from the City Auditor of Rolla expressing the City's appreciation to the State Water Commission for the services given to the City during the past summer in conducting the water survey.

Commissioner Math Dahl entered the meeting at 1:45 p.m.

Dr. Wilson M. Laird entered the meeting at 1:45 p.m.

A delegation from Mott, North Dakota, entered the meeting at 1:45 p.m. Mr. Fred Mees, Mayor of Mott, gave a review of the flood situation around Mott since 1943, estimating the damages to the City in 1943 as \$110,950 and in 1950 at \$263,500, made by a competent board of appraisal, which was 15% lower than the Federal estimate. He said the concrete bridge built by the State Highway Commis-

sion was a big hazard, and showed pictures taken by the Corps of Army Engineers of the recent disastrous flood. Mr. Mees stated that the finest residential section was in West Mott, but they were unable to increase values because of the flood hazard that existed, and that no more lots were available in the eastern section of the City. He felt that first consideration in constructing flood control projects should be given the City of Mott, and that a dam constructed upstream would protect the city from floods as well as provide water for irrigation. The City of Mott is also entirely dependent upon the Cannonball River for city sewage disposal, and that in time the two wells now supplying the city with water would be insufficient, and that the river would become the source of supply. Mr. Mees said their proposed project would afford both flood control and irrigation water for the area.

Bruce Johnson, District Manager of the Bureau of Reclamation, entered the meeting at 1:45 p.m. and reported on the progress of investigations for construction of the Cannonball Dam. He explained that the Bureau of Reclamation have been using data supplied by the Corps of Army Engineers, who are now deprived of the necessary planning funds and have had to suspend their plans because of excessive costs of operation and maintenance. Mr. Johnson stated that a dam built above Mott will irrigate around 5,000 acres, and between 4-7,000 acres below the dam site, and that the Bureau is considering the feasibility of the construction of each project, being rather favorable to the Mott project because of their great flood control and municipal water supply needs. He stated that a basic report will be issued next summer which will give recommendations and results of investigations. The Commission assured the delegation of their continued support of the project, but were of the opinion that nothing further could be done until the Bureau of Reclamation and Corps of Army Engineers have completed their investigations and made their report.

The delegation from Mott left the meeting at 2:15 p.m.

Dr. Laird left the meeting at 2:15 p.m.

Mr. Johnson recommended to the Commission that they adopt a resolution urging the Commissioner of Reclamation to proceed at once with construction of Jamestown Dam and Reservoir, without waiting for repayment contracts to be completed.

The following Resolution was presented by Commissioner A. M. Christensen, who moved its adoption, which motion was seconded by Commissioner Oscar Lunseth:

WHEREAS the North Dakota State Water Conservation Commission considers that Jamestown Dam and Reservoir is needed immediately for flood control, and

WHEREAS the Commission recognizes that the uncontrolled natural flows of the James River are erratic and of no dependable value unless storage and control such as that afforded by Jamestown Reservoir is provided, and

WHEREAS the Commission further recognizes that Jamestown Reservoir is a key feature of the ultimate development of the Missouri-Souris Division, Missouri River Basin Project, and

WHEREAS money for construction of Jamestown Dam has now been appropriated and construction can begin in the spring of calendar year 1952, and

WHEREAS it will take considerable time to arrange suitable repayment arrangements and secure satisfactory repayment contracts for the conservation functions of Jamestown Reservoir under either initial or ultimate development stages, and

WHEREAS it is of great importance to the State of North Dakota that construc-

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tion of Jamestown Dam proceed at once and not be delayed until repayment contracts have been completed,

NOW THEREFORE, be it resolved that the State Water Conservation Commission, fully recognizing the repayment requirements of Reclamation Law, does petition the Commissioner of Reclamation to proceed at once with construction of Jamestown Dam, without waiting for repayment contracts for water conservation functions of the dam, and further

That the Commissioner of Reclamation is hereby assured that the Commission will work with the Commissioner of Reclamation in the formulation of any appropriate repayment entities and will cooperate at all times in assisting the Bureau of Reclamation to negotiate suitable repayment contracts in connection with Jamestown Dam.

Upon roll call all Commissioners voted in favor of adoption of the resolution. Motion carried.

Bruce Johnson left the meeting at 2:30 p.m.

Mr. P. D. Akin, District Engineer with the U.S. Geological Survey, Grand Forks, entered the meeting at 2:30 p.m.

A delegation from Portland, North Dakota, namely: Mr. John Nelson, Alfred Domeyer, Mayor of Portland, and Lester Haverand entered the meeting at 2:30 p.m. They requested assistance from the Water Commission in the construction of a new dam to be constructed 600 feet down stream from the old structure, the cost of the structure estimated at \$14,000. Mr. Nelson advised the Commissioners they have been stock-piling materials for two years and have about \$1500 worth of materials such as rock, clay, concrete and other materials, and there is considerable construction material in the old dam available. At this time Mr. Akin reported on the groundwater surveys and investigation conducted by the Geological Survey in that area and presented completed reports on drilling in the Portland area to the Commission. Sec. Walsh suggested that the Water Commission take this matter under advisement until further study and investigation has been completed and the local groups have taken definite inventory of what they have available and will be able to contribute. The Commission assured the Portland delegation of their willingness to participate in assisting in the repair of the dam, but that no conclusions could be arrived at until more definite figures were obtained and assurance given that the local people will participate in the cost of repair.

The Portland delegation left the meeting at 4:05 p.m.

Mr. Akin left the meeting at 4:05 p.m.

The following water-right applications were recommended to the Water Commission for approval, the applicants having complied with the rules and regulations of the Commission, including publication of "Notice of Hearing" according to law, and filed with the State Engineer all other required information.

The application of the United States of America, (U.S. Bureau of Reclamation), for a water-right permit to appropriate and divert water from the Missouri River for the irrigation of the lands lying within the Fort Clark Irrigation District was submitted to the State Water Commission for approval. Hearing was held in the Office of the Water Commission on November 28, 1951, at 10 o'clock a.m.; those appearing were G. A. Freeman, Acting District Supervisor, Operations and Development, U.S. Bureau of Reclamation, and J. J. Walsh, Secretary and Chief Engineer of the Water Commission. No objectors were present at the hearing nor were any objections to the application received, either in person or in writing. Affidavits of Publica-

tion from the "Beulah Independent" and the "Center Republican" certifying to the publication of "Notice of Hearing" according to law, were on file in the State Engineer's office prior to the hearing, and as maps to accompany application and all other required information has been furnished, the application was recommended for approval by the Secretary.

Commissioner Math Dahl moved that the application of the U.S. Government for the appropriation and diversion of water from the Missouri River for the irrigation of the lands lying within the Fort Clark Pumping Unit, North Dakota Pumping Division, Missouri River Basin Project, as prayed for in their application on file in the office of the State Water Conservation Commission, be granted, subject to all prior rights and appropriations on the Missouri River. The motion was seconded by Commissioner Tucker, and upon roll call by the Chairman the Commissioners voted unanimously in favor of the motion. Motion carried.

It was moved by Commissioner Christensen and seconded by Commissioner Olson that the application of George W. Hammer, Reeder, North Dakota, for a permit to divert and appropriate water from Buffalo Creek, tributary of the North Grand River, for the irrigation of 80.0 acres of land located in Sec. 32, Twp. 130 N., Rge. 98 West, Adams County, as per description in application, be granted, and limited to an annual diversion of 80.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering Buffalo Creek. Upon a unanimous vote of the Members of the Commission, the motion carried.

It was moved by Commissioner Einar Dahl, and seconded by Commissioner Math Dahl, that the application of Emil Gustafson, Dodge, North Dakota, for a permit to divert and appropriate water from Spring Creek, tributary of the Knife River, for the irrigation of 72.8 acres of land located in Sec. 5, Twp. 144 N., Rge. 91 W., Dunn County, as per description in application, be granted, and limited to an annual diversion of 72.8 acre feet of water, subject to all prior and existing water-rights and appropriations covering Spring Creek. Upon a unanimous vote of the Commissioners the motion carried.

It was moved by Commissioner Christensen, and seconded by Commissioner Tucker, that the application of Vernon Miller, Rhame, North Dakota, for a permit to divert and appropriate water from Box Elder Creek, tributary of the Little Missouri River, for the irrigation of 69.7 acres of land located in Sec. 32, Twp. 129 N., Rge. 106 W., Bowman County, as per description in application, be granted, and limited to an annual diversion of 69.7 acre feet of water, subject to all prior and existing water-rights and appropriations covering Box Elder Creek. Upon a unanimous vote of the Commissioners the motion carried.

It was moved by Commissioner Tucker, and seconded by Commissioner Christensen, that the application of Earl Rundle, New England, North Dakota, for a permit to divert and appropriate water from the North Fork of the Cannonball River for the irrigation of 50.2 acres of land located in Sec. 32, Twp. 136 N., Rge. 99 W., Slope County, as per description in application, be granted, and limited to an annual diversion of 50.2 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Cannonball River. Upon a unanimous vote of the Commissioners the motion carried.

It was moved by Commissioner Lunseth, and seconded by Commissioner E. Dahl, that the application of Andrew Nelson, Foxholm, North Dakota, for a permit to divert and appropriate water from the Des Lacs River, tributary of the Mouse River, for the irrigation of 31.1 acres of land located in Sec. 26, Twp. 157 N., Rge. 85 W., Ward County, as per description in application, be granted, not to exceed an annual diversion of 62.2 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Des Lacs River, and subject to any action of the International Joint Commission. Upon a unanimous vote of the Commissioners the motion carried.

It was moved by Commissioner Christensen, and seconded by Commissioner Tucker, that the application of John Boehm, New England, North Dakota, for a permit to divert and appropriate water from Dead Horse Creek, tributary of the North Fork of the Cannonball River, for the irrigation of 80.0 acres of land located in Sections 9 and 10, Twp. 135 N., Rge. 96 W., Hettinger County, as per description in application, be granted, and limited to an annual diversion of 80.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering Dead Horse Creek, tributary of the Cannonball River. Upon a unanimous vote of the Commissioners the motion carried.

It was moved by Commissioner Math Dahl, and seconded by Commissioner E. Dahl, that the application of Leo Gardner, New England, North Dakota, for a permit to divert and appropriate water from the Cannonball River for the irrigation of 80.0 acres of land located in Sec. 14, Twp. 135 N., Rge. 97 W., Hettinger County, as per description in application, be granted, and limited to an annual diversion of 80.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Cannonball River. Upon a unanimous vote of the Commissioners the motion carried.

It was moved by Commissioner Christensen, and seconded by Commissioner Tucker, that the application of Allan K. Rustan, DeSart, North Dakota, for a permit to divert and appropriate water from Chanta Peta Creek, tributary of the North Fork of the Cannonball River, for the irrigation of 78.4 acres of land located in Sec. 5, Twp. 133 N., Rge. 97 W., Hettinger County, as per description in application, be granted, and limited to an annual diversion of 78.4 acre feet of water, subject to all prior and existing water-rights and appropriations covering Chanta Peta Creek, tributary of the Cannonball River.

It was moved by Commissioner Tucker, and seconded by Commissioner Lunseth, that the application of Eddie B. Rustan, DeSart, North Dakota, for a permit to divert and appropriate water from Chanta Peta Creek, tributary of the North Fork of the Cannonball River, for the irrigation of 40.9 acres of land located in Sec. 9, Twp. 133 N., Rge. 97 W., Hettinger County, as per description in application, be granted, and limited to an annual diversion of 40.9 acre feet of water, subject to all prior and existing water-rights and appropriations covering Chanta Peta Creek, tributary of the Cannonball River. Upon a unanimous vote of the Commissioners the motion carried.

It was moved by Commissioner Christensen, and seconded by Commissioner Tucker, that the application of Charles H. Schumacher, New England, North Dakota, for a permit to divert and appropriate water from the North Fork of the Cannonball River for the irrigation of 15.5 acres of land located in Sec. 4, Twp. 135 N., Rge. 97 W., Hettinger County, as per description in application, be granted, and limited to an annual diversion of 15.5 acre feet of water, subject to all prior and existing water-rights and appropriations covering the North Fork of the Cannonball River. Upon a unanimous vote of the Commissioners the motion carried.

Attorney I. A. Acker and Vernon Cooper, Asst. Secretary, entered the meeting at 3:50 p.m.

The Commission were informed that Mr. S. E. Turnbow of Bismarck wished to renew his lease on the land known as the "Dullam Land", which expired on November 17 of this year. Atty. Acker was called into the meeting to secure his opinion on the proper procedure of handling this matter. He stated that it was merely a matter of policy as to whether the Commission wished to advertise for bids or not, but not necessary to do so. Sec. Walsh also advised that Mr. Fogarty wished to cut timber on the State-owned land for fence posts, but the Commission did not consider this advisable.

Commissioner E. Dahl made a motion, seconded by Commissioner Tucker, that the

Water Commission rent the 100 acre tract of land located in the SW $\frac{1}{4}$ of Sec. 27, Twp. 138, Rge. 80, known as the "Dallam Land", to Mr. S. E. and Bill Turnbow for another two year period on the same terms as embodied in the former lease to the Turnbows at \$266.00 per year. Upon roll call, Commissioners Tucker, Math Dahl, E. Dahl, Lunseth, Christensen and Olson all voted aye and the motion carried.

Attorney Acker and Vernon Cooper left the meeting at 4:10 p.m.

As there was no further business on the Agenda, it was moved by Commissioner E. Dahl, and seconded by Commissioner M. Dahl, that the meeting be adjourned. Meeting adjourned at 4:20 p.m.

Respectfully submitted,


Secretary

ATTEST:


Chairman

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
 MONTHLY REPORT OF ACCOUNTS AS OF NOVEMBER 30, 1951
 1951-1953 APPROPRIATIONS

Fund No.	Appropriations	Available July 1951	Expended to Oct. 31, 1951	Expended November, 1951	Balance Nov. 30, 1951
1	Commissioners-Per Diem & Expenses	\$6,000.00	\$ 179.04	\$ 296.92	\$5,524.04
2	Administration	35,000.00	5,796.34	1,122.70	30,266.46
	Collections and Refunds	2,185.50			
3	Maintenance of Dams	120,000.00	35,917.85	8,141.64	77,440.29
	Collections and Refunds	1,499.78			
4	International & Interstate-Commissions' & Conference Expenses	14,000.00	1,062.30	509.94	12,427.76
5	Topographic & Conservation, Cooperation with U.S. Geological Survey	35,000.00	Nil	Nil	35,000.00
6	Hydrographic Surveys, Cooperation with U.S. Geological Survey	25,000.00	Nil	2,971.35	22,028.65
7	Salary-State Engineer	6,000.00	1,000.00	250.00	4,750.00
8	Construction & Reconstruction Drains or Irrigation	90,000.00	Nil	Nil	90,000.00
9	Engineering & Geological Surveys & Demonstrations	35,000.00	596.52	3,888.91	30,514.57
10	Cooperation with U.S. Departments & for organizing Conservation & Irrigation Districts	65,000.00	18,528.18	4,677.06	41,794.76
11	Small Projects, Other Invest., Surveys & Etc.	150,000.00	4,666.99	755.80	144,577.21
12	Construction Bond Guaranty Fund	<u>70,541.00</u>			<u>70,541.00</u>
		<u>\$655,226.28</u>	<u>\$67,747.22</u>	<u>\$22,614.32</u>	<u>\$564,864.74</u>

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NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
 MONTHLY REPORT OF ACCOUNTS AS OF NOVEMBER 30, 1951
 1949-1951 APPROPRIATIONS

Fund No.	Appropriations	Available July 1949	Expended to November 30, 1951	Balance November 30, 1951
1	Commissioner's Per Diem and Expenses	\$4,000.00	\$3,995.89	\$4.11
2	Administration	30,000.00	35,818.16	11.54
	Collections and Refunds	5,829.70		
3	Maintenance of Existing Dams	100,000.00	153,393.52	176.10
	Collections and Refunds	53,569.62		
4	International and Interstate Commissioner's and Conference Expenses	12,000.00	9,901.05	2,098.95
5	Topographic and Conservation, Cooperation with the USGS plus transfers	33,085.60	33,085.60	Nil
6	Hydrographic Surveys, Coop. with USGS	20,000.00	20,090.87	Nil
	Refund	90.87		
7	Salary-State Engineer	5,400.00	5,400.00	Nil
8	Construction and Reconstruction - Drains or Irrigations . . .	150,000.00	93,810.87	56,189.13
9	Engineering & Geological Survey & Demonstrations, plus transfer	33,006.12	33,006.12	Nil
10	Cooperation with U.S. Depts., Small projects & for organizing Conservation & Irrig. Dist. plus refunds less transfer of \$13,000.00	122,077.30	52,735.21	69,342.09
11	Other Investigations, surveys and Etc.	90,000.00	89,914.61	122.15
	Refund	36.76		
		<u>\$650,095.97</u>	<u>\$531,151.90</u>	<u>\$127,944.07</u>

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NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
 BALANCE OF PRIOR FUNDS RECOVERED BY OPINION OF
 ATTORNEY GENERAL AND UNDER SECTION 54-2709
 AS OF NOVEMBER 30, 1951

Fund No.	Year	Appropriations for	Balance Available	Expended to November 30, 1951	Balance November 30, 1951
1	1939	Commissioner's Per Diem	\$1,727.00	\$1,624.98	\$102.02
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 Dams, plus \$51.00 refund . .	53.86	N11	53.86
12	1941	Tri-State Water. Administration and Conference . . .	8.61	N11	8.61
15	1941	Topographic Survey13	N11	.13
			<u>\$4,272.68</u>	<u>\$3,843.26</u>	<u>\$429.42</u>

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NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
DEPOSITS IN THE BANK OF NORTH DAKOTA
NOVEMBER 30, 1951

Sources of Deposits	Transit No.	Amount Deposited	Expended to November 30, 1951	Balance November 30, 1951
Collection on Yellowstone Pumping Irrigation District \$3,500.00 warrant. Tax collections for partial payment of interest and principal to March 1951.	501-118	\$1,433.03		\$1,433.03
Contributions for Groundwater Surveys:				
Fessenden \$1,000.00	Streeter \$1,000.00			
Mountain 100.00	Mohall 1,000.00			
Maddock 750.00	Richardton 750.00			
Lakota 1,000.00	Bowbells 1,000.00			
Rolla 750.00	Michigan 580.50			
Devils Lake 7,500.00	Wimbledon 1,000.00			
Aneta 1,000.00	Fairmount 1,000.00			
Litchville 1,000.00	Hope 1,000.00			
Wyndmere 1,000.00	Sharon 250.00			
Portland 700.00				
Kindred 1,000.00				
Milo 250.00				
Neche 300.00				
Transfer .10				
St. John 750.00	501-128	24,680.60	\$20,048.58	4,632.02
Sale of N. Dak. Water Development Books	501-127	2,770.67	1.25	2,769.42
Lewis & Clark Irrig. Dist. Drainage Fund	501-121	2,806.92	2,786.40	<u>20.52</u>
TOTAL OF ALL BANK OF NORTH DAKOTA DEPOSITS AS OF NOVEMBER 30, 1951				<u>\$8,854.99</u>

PAYROLL OF
NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
NOVEMBER 30, 1951

Name	Duties	Salary for November	Withhold- ing Tax	F. D. OASIS	Hosp. Ins.	Bond	Net Pay	Remarks
Walsh, J. J.	Secy-State Engineer	\$485.00	\$53.60		\$6.88		\$424.52	Increased April, 1951
Acker, Iver A.	Spec. Ass't Atty Gen.	350.00	47.40		6.88		295.72	Started Jan. 1, 1949
Anderson, Albin	Ass't Engineer	300.00	37.80	\$1.95	1.95		258.30	Increased July, 1951
Berge, Einar	Technical Ass't	150.00		2.25	6.88		140.87	Increased April, 1951
Carman, Bertha	Bookkeeper	170.00	22.90	2.55	1.95		142.60	Started Full time-June
Cooper, Vernon	Ass't Sec'y	375.00	30.00		6.88		338.12	Increased April, 1951
Dodd, Harold	Ass't Engineer	300.00	26.70		6.88	\$6.25	260.17	Increased March, 1950
Gamble, Clarence	Ass't Engineer	265.00	42.50	3.98	1.95		216.57	Increased Sept., 1951
Hagert, E. S.	Invest. Engineer	350.00	47.40		1.95		300.65	Increased April, 1951
Kudinow, Wasilij	Draftsman	200.00	18.20	3.00			178.80	Started Nov. 1, 1951
LeGore, Robert	Ass't Engineer	300.00	48.90	2.18	1.95		246.97	Increased July, 1951
Nichols, Don	Const. Engineer	375.00	30.00		6.88		338.12	Increased April, 1951
Nordstrom, Franz	Equipment Foreman	275.00	21.90	4.13			248.97	Increased June, 1951
Orr, F. G.	Admin. Ass't.	150.00			6.88		143.12	Paid for half time
Peterson, Winifred	Stenographer	225.00	34.10	3.38	1.95		185.57	Increased April, 1951
Putz, Roy	Rodman	140.00	17.30	2.10	1.95		118.65	Started April 19, 1948
Schnitcke, Otto	Laborer	235.00		3.53			231.47	Increased April, 1951
Sheldon, Marvin	Ass't Engineer	315.00	29.90		6.88		278.22	Increased April, 1951
Torvik, Duane	Ass't Engineer	300.00	37.80	1.13	6.88		254.19	Increased April, 1951
Worle, Joyce	Clerk-Typist	160.00	21.30	2.40	1.95		134.35	Started Sept. 1, 1951
Nesser, Ervin	Rodman	140.00	17.30	2.10			120.60	Started Sept. 16, 1951
Olson, Jerry	Instrumentman	175.00	23.70	2.63			148.67	Started July 1, 1951
Fuchs, Milton	Rodman	42.00	5.19	.63			36.18	Quit Nov. 9, 1951
Bertsch, Clarence	Rodman	107.33	13.26	1.61			92.46	Quit Nov. 23, 1951

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

Fund No.	Appropriations	Available July 1951	Expended to Nov. 30, 1951	Expended December, 1951	Balance Dec. 31, 1951
1	Commissioners-Per Diem & Expenses	\$6,000.00	\$475.96	\$804.14	\$4,719.90
2	Administration	35,000.00	6,919.04	1,246.41	29,023.30
	Collections and Refunds	2,188.75			
3	Maintenance of Dams	120,000.00	44,059.49	1,818.24	89,009.54
	Collections and Refunds	14,887.27			
4	International & Interstate-Commissions' & Conference Expenses	14,000.00	1,572.24	81.80	12,345.96
5	Topographic & Conservation, Cooperation with U.S. Geological Survey	35,000.00	Nil	Nil	35,000.00
6	Hydrographic Surveys, Cooperation with U.S. Geological Survey	25,000.00	2,971.35	1,777.53	20,251.12
7	Salary-State Engineer	6,000.00	1,250.00	250.00	4,500.00
8	Construction & Reconstruction Drains or Irrigation	90,000.00	Nil	Nil	90,000.00
9	Engineering & Geological Surveys & Demonstrations	35,000.00	4,485.43	65.74	30,448.83
10	Cooperation with U.S. Departments & for organizing Conservation & Irrigation Districts	65,000.00	23,205.24	5,199.57	36,595.19
11	Small Projects, Other Invest., Surveys & Etc.	150,000.00	5,422.79	548.83	144,028.38
12	Construction Bond Guaranty Fund	70,541.00			70,541.00
		<u>\$668,617.02</u>	<u>\$90,361.54</u>	<u>\$11,792.26</u>	<u>\$566,463.22</u>

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NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
 MONTHLY REPORT OF ACCOUNTS AS OF DECEMBER 31, 1951
 1949-1951 APPROPRIATIONS

Fund No.	Appropriations	Available July 1949	Expended to December 31, 1951	Balance December 31, 1951
1	Commissioner's Per Diem and Expenses	\$4,000.00	\$3,995.89	\$4.11
2	Administration	30,000.00	35,818.16	11,54
	Collections and Refunds	5,829.70		
3	Maintenance of Existing Dams	100,000.00	153,393.52	176.10
	Collections and Refunds	53,569.62		
4	International and Interstate Commissioner's and Conference Expenses	12,000.00	9,901.05	2,098.95
5	Topographic and Conservation, Cooperation with the USGS plus transfers	33,085.60	33,085.60	Nil
6	Hydrographic Surveys, Coop. with USGS Refund	20,000.00 90.87	20,090.87	Nil
7	Salary-State Engineer	5,400.00	5,400.00	Nil
8	Construction and Reconstruction - Drains or Irrigations . . .	150,000.00	101,460.42	48,539.58
9	Engineering & Geological Survey & Demonstrations, plus transfer	33,006.12	33,006.12	Nil
10	Cooperation with U.S. Depts., Small projects & for organizing Conservation & Irrig. Dist. plus refunds less transfer of \$13,000.00	122,077.30	52,735.21	69,342.09
11	Other Investigations, surveys and Etc.	90,000.00	89,914.61	122.15
	Refund	36.76		
		<u>\$659,095.97</u>	<u>\$538,801.45</u>	<u>\$120,294.52</u>

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NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
 BALANCE OF PRIOR FUNDS RECOVERED BY OPINION OF
 ATTORNEY GENERAL AND UNDER SECTION 54-2709
 AS OF DECEMBER 31, 1951

Fund No.	Year	Appropriations for	Balance Available	Expended to December 31, 1951	Balance December 31, 1951
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 Dams, plus \$51.00 refund	53.86	Nil	53.86
12	1941	Tri-State Water. Administration and Conference	8.61	Nil	8.61
15	1941	Topographic Survey	<u>.13</u>	<u>Nil</u>	<u>.13</u>
			<u>\$4,272.68</u>	<u>\$3,902.52</u>	<u>\$370.16</u>

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NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
DEPOSITS IN THE BANK OF NORTH DAKOTA
DECEMBER 31, 1951

Sources of Deposits	Transit No.	Amount Deposited	Expended to December 31, 1951	Balance December 31, 1951
Collection on Yellowstone Pumping Irrigation District \$3,500.00 warrant. Tax collections for partial payment of interest and principal to March 1951.	501-118	\$1,433.03		\$1,433.03
Contributions for Groundwater Surveys:				
Fessenden \$1,000.00	Streeter \$1,000.00			
Mountain 100.00	Mohall 1,000.00			
Maddock 750.00	Richardton 750.00			
Lakota 1,000.00	Bowbells 1,000.00			
Rolla 750.00	Michigan 580.50			
Devils Lake 7,500.00	Wimbledon 1,000.00			
Abeta 1,000.00	Fairmount 1,000.00			
Litchville 1,000.00	Hope 1,000.00			
Wynners 1,000.00	Sharon 250.00			
Portland 700.00				
Kindred 1,000.00				
Myle 250.00				
Neche 300.00				
Transfer .10				
St. John 750.00	501-128	24,680.60	\$20,048.58	4,632.02
Sale of N. Dak. Water Development Books	501-127	2,770.67	1.25	2,769.42
Lewis & Clark Irrig. Dist. Drainage Fund	501-121	2,806.92	2,786.40	<u>20.52</u>
TOTAL OF ALL BANK OF NORTH DAKOTA DEPOSITIS AS OF DECEMBER 31, 1951				<u>\$8,854.99</u>

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PAYROLL OF
NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
DECEMBER 31, 1951

Name	Duties	Salary for December	Withhold- ing Tax	N. D. OASIS	Hosp. Ins.	Bond	Net Pay	Remarks
Walsh, J. J.	Secy-State Engineer	\$485.00	\$53.60		6.88		\$424.52	Increased April, 1951
Acker, Iver A.	Spec. Ass't Atty Gen.	350.00	47.40		6.88		295.72	Started Jan. 1, 1949
Anderson, Albin	Ass't Engineer	300.00	37.80		1.95		260.25	Increased July, 1951
Berge, Einar	Technical Ass't	150.00		\$2.25	6.88		140.87	Increased April, 1951
Carman, Bertha	Bookkeeper	170.00	22.90	2.55	1.95		142.60	Started Full time-June
Cooper, Vernon	Ass't Sec'y	375.00	30.00		6.88		338.12	Increased April, 1951
Dodd, Harold	Ass't Engineer	300.00	26.70		6.88	\$6.25	260.17	Increased March, 1950
Gamble, Clarence	Ass't Engineer	265.00	42.50	3.08	1.95		217.47	Increased Sept., 1951
Hagert, E. S.	Invest. Engineer	350.00	47.40		1.95		300.65	Increased April, 1951
Kudinow, Wasilij	Draftsman	200.00	18.20	3.00			178.80	Started Nov. 1, 1951
LeGore, Robert	Ass't Engineer	300.00	48.90		1.95		249.15	Increased July, 1951
Nichols, Don	Const. Engineer	375.00	30.00		6.88		338.12	Increased April, 1951
Nordstrom, Franz	Equipment Foreman	275.00	21.90	4.13			248.97	Increased June, 1951
Orr, F. G.	Admin. Ass't.	150.00			6.88		143.12	Paid for half time
Peterson, Winifred	Stenographer	225.00	34.10	3.38	1.95		185.57	Increased April, 1951
Putz, Roy	Rodman	140.00	17.30	2.10	1.95		118.65	Started April 19, 1948
Schmitzke, Otto	Laborer	235.00		3.53			231.47	Increased April, 1951
Sheldon, Marvin	Ass't Engineer	315.00	29.90		6.88		278.22	Increased April, 1951
Torvik, Duane	Ass't Engineer	300.00	37.80		6.88		255.32	Increased April, 1951
Worle, Joyce	Clerk-Typist	160.00	21.30	2.40	1.95		134.35	Started Sept. 1, 1951
Olson, Jerry	Instrumentman	175.00	23.70	2.63			148.67	Started July 1, 1951
Messer, Ervin	Rodman	140.00	17.30	2.10			120.60	Started Sept. 16, 1951