

1.

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

June 14, 1952

At 9:30 a.m. Members of the State Water Commission assembled for a regular meeting in the Office of the Water Conservation Commission. The following named persons attended this meeting:

MEMBERS OF STATE WATER CONSERVATION COMMISSION:

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

Vice Chairman Curtis Olson called the meeting to order at 9:30 a.m. with the following Members of the Commission present: Einar Dahl, Earle F. Tucker, Math Dahl, Oscar Lunseth, Curtis Olson and Secretary J. J. Walsh.

It was moved by Commissioner Einar Dahl, and seconded by Commissioner Math Dahl, that the Minutes of the State Water Commission meeting held on May 19, 1952, be approved, which motion carried by a unanimous vote of the Commissioners.

It was moved by Commissioner Tucker, and seconded by Commissioner Lunseth, that the Financial Statements of the State Water Commission covering the month of May, 1952, be approved and filed for record. Upon a unanimous vote of the Commissioners the motion carried.

A cooperative agreement between the U. S. Geological Survey, Surface Water Division, and the State Water Conservation Commission was presented to the Commission for their consideration and approval. Commissioner Math Dahl moved that the proposed cooperative agreement covering the cooperative surface water resources investigations program conducted on a cooperative basis between the State Water Conservation Commission and the U. S. Geological Survey, each party to contribute \$12,500.00 as their share for the period July 1, 1952 to June 30, 1953, be approved and the Secretary authorized to sign the agreement. The motion was seconded by Commissioner Tucker, and on roll call by the Chairman, Commissioners E. Dahl, Math Dahl, Lunseth, Tucker and Olson all voted aye and the motion carried.

Einar Berge, Publicity Manager for the Water Commission entered the meeting at 9:40 a.m.

A request from the City of Stanley, North Dakota, by its Mayor, Walter E. Will, for a ground water study, was discussed by the Commissioners and a letter from Dr. Laird estimated the cost of this study to Stanley would be approximately \$1500.00. He also stated that the test drilling might not be completed until next spring, depending on drilling results this season. A letter by Dr. Laird addressed to Dr. A. N. Sayre, Ground Water Branch, U. S. Geological Survey, Washington, D. C., relating to the ground water program, was also read to the Commissioners for their information. The Commission believed the first consideration should be taking care of immediate needs of certain areas within the state where the ground water problems

are more acute, before carrying out the program on a larger unit basis.

Commissioner Christensen entered the meeting at 9:45 o'clock a.m.

The Commissioners considered a request from Bruce Johnson, District Manager of the Bureau of Reclamation at Bismarck for plans to establish a development farm in the Glacial Lake Souris area, the proposed site to be located in Sec. 13, Twp. 159 N., Rge. 79 W., and described as the SW $\frac{1}{4}$ NE $\frac{1}{4}$; W $\frac{1}{2}$ SE $\frac{1}{4}$; and the NE $\frac{1}{4}$ SW $\frac{1}{4}$, which would require appropriation of water from Deep River, tributary of the Souris River, and requesting assurance from the Commission that such a water-right filing would be considered by the Water Commission, if submitted.

It was moved by Commissioner Christensen, and seconded by Commissioner Tucker, that the Commission go on record supporting the plans of the Bureau of Reclamation for the establishment of an irrigation development farm in the lower Souris area for purposes of demonstrating irrigation with various soil types, and also approving the submission of a water-right application by the Bureau, for the appropriation of water from Deep River for irrigation of the development farm, in accordance with the established procedure followed in securing a water-right permit. Upon a unanimous vote of the Commissioners the motion carried.

Vice Chairman Olson read a letter received from Senator Milton Young relating to the problem of sewage being discharged into Apple Creek from Fort Lincoln, and notifying the Commission that he had received a report from Brigadier General C. H. Chorpening, indicating that he is looking into the matter and will give the Senator a further report at the earliest possible date, and promising his support in this matter.

A telegram received from Senator Young, acknowledging receipt of letter and Resolution from the Water Commission regarding the Heart River project, assured the Water Commission of his assistance in contacting Secretary of the Interior, William E. Warne, relative to his report containing findings and recommendations for the development of the Heart River project.

The Commission were informed in a letter from Lt. Colonel R. J. B. Page, Corps of Army Engineers, that the Corps of Engineers do not feel justified in forwarding the proposed construction of a levee near Sunny Bridge west of Mandan for controlling flood waters, as proposed by Mr. Thompson, Supt. of the Mandan Training School and signed by petitioners, nor recommending its construction unless they are definitely assured there is no opposition to the project and that the State of North Dakota will accept the responsibility for the remaining opposition it has been unable to resolve; and that until such assurances are received, no action will be taken toward seeking approval for construction of the project. Members of the State Water Conservation Commission were of the opinion that those signing the petition should secure the consent of the property owners opposed to the construction of the levee, before proceeding further.

A "Notice of Permit Pending" was received from Lt. Colonel R. J. B. Page, Garrison District Engineer at Fort Lincoln, U. S. Corps of Engineers, of application of the U. S. Department of the Interior, Bureau of Reclamation, Billings, Montana, for approval of plans and issuance of a permit, under authority of the Secretary of the Army to construct and maintain a pumping plant and water intake structure in Lot 7, Sec. 17, Twp. 144 N., Rge. 84 W. on the Missouri River, approximately 2 $\frac{1}{2}$ miles downstream from Stanton, North Dakota, and 2 $\frac{1}{2}$ miles downstream from the mouth of the Knife River, and inviting interested parties to submit any facts, arguments or objections they may have before June 13, 1952.

Allocations from the drainage appropriation for the 1951-1953 biennium to the North Dakota counties, requesting assistance in the construction and reconstruction of drains was considered by the Commissioners and a motion made by Commissioner

Math Dahl that the Water Commission approve the allocation of the following funds to the counties for drainage purposes for the 1951-1953 biennium, as recommended by the Chairman and Secretary.

<u>County</u>	<u>State Funds Allocated</u>
Bottineau	\$ 10,000.00
Cass	16,800.00
Cavalier	4,800.00
Dickey	3,600.00
Grand Forks	6,000.00
Pembina	4,500.00
Richland	20,600.00
Walsh	2,400.00
Traill	6,000.00
Nelson	4,000.00
Sargent	1,300.00

The motion was seconded by Commissioner Tucker, and on roll call by the Chairman, Commissioners Einar Dahl, Christensen, M. Dahl, Lunseth, Tucker and Olson all voted aye and the motion carried.

Commissioner Math Dahl left the meeting at 10:10 o'clock a.m.

Drainage rules and regulations governing the allocation of funds for drainage work were submitted to the Commission for their consideration and approval. Commissioner Einar Dahl recommended that during any hearings before the Board of County Commissioners or the Drainage Board relative to the construction or reconstruction of drains where the State Water Conservation Commission participates in granting financial assistance and where there is any question concerning the capacity of Highway or county culvert or bridge structures for providing sufficient opening to discharge maximum flows, they may request the assistance of the Chief Engineer of the Commission to review the plans if deemed necessary; and that certain rules and regulations be complied with to allow the County Commissioners the opportunity of making any recommendations or objections they may wish.

The Commission also recommended that these drainage rules and regulations also apply to drainage problems in connection with the organization of water conservation and flood control districts. Commissioner Christensen moved that the suggested "North Dakota State Water Conservation Commission Rules and Drainage Regulations" be approved by the Commission, with the above suggested changes. The motion was seconded by Commissioner Einar Dahl, and upon roll call the Commissioners voted unanimously in favor of the motion, motion carried.

North Dakota State Water Conservation Commission
Rules and Drainage Regulations

1. State Water Conservation Commission funds appropriated for construction and reconstruction of drainage or irrigation works will be available only for work done on legally established drainage ditches and in conformity with following rules and regulations.

2. For the purpose of these regulations relating to drainage work, the following definitions are applicable: Clean-outs are defined as the repair and restoration of existing drains to substantially the original depth, gradient and section; reconstruction is defined as practicably a new construction job to meet present requirements, or revision of existing drains on the basis of new designs and specifications; and construction is defined as new legally established and located drains, designed to meet local requirements. The Chief Engineer of the State Water Conservation

Commission shall approve the classification for each drain in which the Commission participates.

3. Before any state funds will be available for a drain all engineering plans showing location, profile, cross section, control structures, etc., and specifications shall be approved by, and be on file in the office of the Chief Engineer of the State Water Conservation Commission. If an existing drain requires additional work for which plans are necessary, they must be approved and on file with the Commission before any state funds will be available for such work.

4. All standards for design of all drains in which participation by the Commission is requested shall be equal in water carrying capacity to those set forth by John T. Stewart in Bulletin #189 of the Office of Experiment Station of the U. S. Department of Agriculture, entitled "Report on the Drainage of the Eastern parts of Cass, Traill, Grand Forks, Walsh, Pembina and Richland Counties, North Dakota".

5. The Board of County Commissioners, the Board of Drain Commissioners or the Township Board of Supervisors or any other legally constituted board, as the case may be, upon awarding of a contract shall file a copy of such contract with the State Water Conservation Commission before any state funds will be available for such drain.

6. Where the problems of determining capacities of state, county or township culverts and bridges to provide sufficient size to permit maximum quantity of water to flow freely through or under such structures, the Chief Engineer will be available upon request to determine as nearly as practicable the maximum size of structure to install.

7. When a Drainage District is unable to obtain engineering for surveying, design, and supervision of the works, the State Water Conservation Commission may provide such engineering assistance as is required, if available, charging the cost hereof against the drain on which such services are required.

8. State funds shall be available up to 40% of the cost on the following items:

1. Excavation.
2. Drops, regulating and control structures, to prevent erosion in the drain.
3. Clearing and grubbing.
4. Leveling spoil banks.
5. Culvert inlets from field drains or natural water courses.
6. Field drain inlets.
7. Farmstead driveways or crossings.
8. Moving and reconstructing fence lines.
9. Purchase of right-of-way.

9. State funds shall not be available for:

1. Installation of bridges or culverts across section lines.
2. Administrative or legal expenses in connection with any drain.
3. Paying any costs of drainage work involved in court action.

10. State funds shall not be available for assistance for maintenance work on any drain after state assistance has been received for the construction, reconstruction or clean-out of such drain.

11. Before vouchers are submitted to the State Water Conservation Commission for payment they must be approved by the Chairman of the Board of County Commissioners, or the Chairman of the Board of Drain Commissioners, or Board of Township Supervisors and the District Conservationist of the Soil Conservation Service, or the County

Engineer in charge.

12. The Chief Engineer of the State Water Conservation Commission shall approve the job before final payment is made. Payment of the State Water Conservation Commission's share for such work or other expenses shall be made only upon vouchers properly certified, according to law and in compliance with the terms of these rules, and prepared in the form designated by the State Water Conservation Commission.

Correspondence relating to a problem in connection with Drainage District No. 11, Pembina County, located between Sections 10 and 11, Township 163 N., Rge. 52 W., in Pembina Township was discussed. Land owners in Drainage District No. 11 are complaining that waters which should flow through the natural water course in the northeastern part of Pembina Township and thence on into Canada was in several places filled in, especially at the boundary line, thus preventing free flow of water to the northeast and causing such water to come further east into the Drain Eleven water basin. A petition has been presented to the County Commissioners of Pembina County by citizens and taxpayers of Pembina Township petitioning the Board to take the necessary measures to stop over-flooding of the reservoir by entry into it of water from outside the drainage area of Drain No. 11, which is causing great damage to farm lands and public roads, and they are requesting that a survey be made. This request and petition have been turned over to the State Water Commission. The Commission recommended that Commissioner Lunseth accompany Secretary J. J. Walsh on an inspection trip to Pembina County to inspect this drainage area on the 19 and 20 of June.

With reference to a letter of request for assistance signed by Mrs. Christ Strecker, John Grueneict Jr. and Bennie Grueneict, Washburn, McLean County, relative to a large lake covering about 120 acres of land which has been under water for five or six years, and which these people would like to have drained so they could use it for pasture, Commissioner Lunseth moved that these people be given the assistance of an engineer of the State Water Commission in making an investigation and report on the problem. The motion was seconded by Commissioner Christensen, and upon a unanimous vote of the Commissioners the motion carried.

A report by Engineer E. S. Hagert, dated May 29, 1952, on the Golden Lake project, Steele County, was given the Commissioners for their information, but no action taken concerning it, as the Governor plans to discuss it with the local people at a later date.

In reply to a request by Mr. Mark Andrews of Mapleton, North Dakota, for permit to construct a dam across the Maple River, the Commission instructed the Secretary to write Mr. Andrews and caution him that the temporary dam he proposes to construct may be destroyed by summer storms with this type of structure and recommended he construct a more permanent type of dam. Commissioner Lunseth moved that the Secretary of the Commission be instructed to write Mr. Andrews advising him that the State Water Commission has no objection, as a Water Commission, to his constructing a low weir at his own expense if he takes the responsibility for all damages, including flooding of highways, etc., securing the necessary easements, to be filed with the Water Commission office, and paying all construction and maintenance costs. The motion was seconded by Commissioner Tucker, and on roll call by the Chairman the Commissioners voted unanimously in favor of the motion, which carried.

At a request from Mr. Ernest Jensen, Grenora, North Dakota, the Commissioners voted to reconsider their former action on a water-right permit granted to Mr. Jensen on May 28, 1951 to appropriate water for irrigation from a natural lake in the amount of 80.0 acre feet annually. Commissioner Christensen made a motion,

seconded by Commissioner Einar Dahl, that the water-right permit granted to Mr. Ernest Jensen of Grenora, to divert and appropriate water from a natural lake in Divide County for irrigation purposes in the amount of 80.0 acre feet annually, be increased to 149.4 acre feet annually, or a total of 1 acre foot per acre. Upon a unanimous vote of the Commissioners the motion carried.

It was moved by Commissioner Lunseth, and seconded by Commissioner Christensen, that the application of Nick Andre, Grenora, North Dakota, for a permit to divert and appropriate water from Willow Creek, tributary of Cottonwood Creek, for the irrigation of 151 acres of land described as the NW $\frac{1}{4}$ of Sec. 25, Twp. 158 N., Rge. 103 West, Williams County, North Dakota, be granted not to exceed an annual diversion of 151.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering Willow Creek, tributary of Cottonwood 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 Tucker, that the application of Alvin Andre, Grenora, North Dakota, for a permit to divert and appropriate water from an unnamed creek, tributary of Willow Creek, for the irrigation of 160.0 acres of land described as the NW $\frac{1}{4}$ of Sec. 24, Twp. 158 N., Rge. 103 W., located in Williams County, North Dakota, be granted, not to exceed an annual diversion of 160.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the unnamed creek, which is tributary of Willow Creek. Upon a unanimous vote of the Members of the Commission, the motion carried.

It was moved by Commissioner Tucker, and seconded by Commissioner Lunseth, that the application of Gustaf Carlson, Mandan, North Dakota, for a permit to divert and appropriate water from Sweet Briar Creek, tributary of the Heart River, for the irrigation of 48.7 acres of land described as the NW $\frac{1}{4}$ and the W $\frac{1}{2}$ NE $\frac{1}{4}$ of Sec. 5, Twp. 138 N., Rge. 82 West, located in Morton County, North Dakota, be granted, and limited to an annual diversion of 48.7 acre feet of water, subject to all prior and existing water-rights and appropriations covering Sweet Briar Creek, and subject to requirements for the purposes of the Federal Reclamation Laws and the Flood Control Act of 1944 by the U. S. of America for the use of the waters of the Heart River pursuant to its North Dakota appropriation dated March 13, 1948, and approved April 2, 1948. Upon a unanimous vote of the Members of the Commission, the motion carried.

It was moved by Commissioner Tucker, and seconded by Commissioner Lunseth, that the application of Charles Peterson, LaMoure, North Dakota, for a permit to divert and appropriate water from the James River, tributary of the Missouri River, for the irrigation of 73.2 acres of land described as the S $\frac{1}{2}$ NW $\frac{1}{4}$ and the NE $\frac{1}{4}$ SW $\frac{1}{4}$ of Sec. 33, Twp. 133 N., Rge. 60 West, located in LaMoure County, North Dakota, be granted, and limited to an annual diversion of 73.2 acre feet of water, subject to all prior and existing water-rights and appropriations covering the James River, tributary of the Missouri River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Commissioner Einar Dahl, and seconded by Commissioner Christensen, that the application of Larry Martin, Marmarth, North Dakota, for a permit to divert and appropriate water from the Little Missouri River, tributary of the Missouri River, for the irrigation of 80.0 acres of land described as the NW $\frac{1}{4}$ NE $\frac{1}{4}$, S $\frac{1}{2}$ NE $\frac{1}{4}$ and the SE $\frac{1}{4}$ of Sec. 15, Twp. 132 N., Rge. 106 West, located in Bowman County, North Dakota, 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 Little Missouri River, tributary of the Missouri River. Upon a unanimous vote of the Members of the Commission the motion carried.

It was moved by Commissioner Tucker, and seconded by Commissioner Lunseth, that the application of Lynn Peterson, LaMoure, North Dakota, for a permit to divert and

appropriate water from the James River, tributary of the Missouri River, for the irrigation of 79.7 acres of land described as the SW $\frac{1}{4}$ NE $\frac{1}{4}$ and the W $\frac{1}{2}$ SE $\frac{1}{4}$ of Sec. 28, Twp. 133 N., Rge. 60 West, located in LaMoure County, North Dakota, be granted and limited to an annual diversion of 79.7 acre feet of water, subject to all prior and existing water-rights and appropriations covering the James River, tributary of the Missouri River. Upon a unanimous vote of the Members of the Commission the motion carried. (Approved subject to receipt of "Affidavit of Publication".)

It was moved by Commissioner Tucker, and seconded by Commissioner Lunseth, that the application of U. S. Bureau of Reclamation for permit to divert and appropriate waters of the James River, tributary of the Missouri River, and storage for multiple beneficial uses in accordance with Federal Reclamation laws, water to be diverted at a point located within the N $\frac{1}{2}$ of Sec. 24, Twp. 140 N., Rge. 64 W., Stutsman County, North Dakota, 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 James River and tributaries. Upon roll call by the Chairman, the Commissioners voted unanimously in favor of the motion. Motion carried.

It was moved by Commissioner Einar Dahl, and seconded by Commissioner Christensen, that the application of the U. S. Bureau of Reclamation for permit to divert and appropriate waters of the James River, tributary of the Missouri River, for a municipal water supply for the City of Jamestown, North Dakota, water to be appropriated not to exceed the amount of 3,520 acre feet annually, at a point on the James River located within the N $\frac{1}{2}$ of Sec. 24, Twp. 140 N., Rge. 64 W., Stutsman County, North Dakota, 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 James River and tributaries. Upon a unanimous vote of the Members of the Commission the motion carried.

No action was taken by the Commission on the application of Eugene Johnson and George Gilbert of Lisbon, for permit to appropriate water from the Sheyenne River for the irrigation of their lands in Ransom County; and the application of Alvin Schreiber, Fairmount, for permit to divert and appropriate water from the Bois des Sioux River, tributary of the Red River, for irrigating his lands located in Richland County, as the Commission has formerly adopted a policy of not granting any water-right permits on the Red River and tributaries until such time as a compact or agreement is entered into with the State of Minnesota for the division of waters in the Red River and its tributaries. These applications will be placed on file until such time as a definite agreement is reached between the two states concerned, when they will be submitted for approval.

As all business on the Agenda was completed at this time, the meeting adjourned at 11 o'clock a.m.

Respectfully submitted,


Secretary

ATTEST:


Chairman

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
MONTHLY REPORT OF ACCOUNTS AS OF JUNE 30, 1952
1951-1953 APPROPRIATIONS

Fund No.	Appropriations	Available July 1951	Expended to May 31, 1952	Expended June, 1952	Balance June 30, 1952
1.	Commissioners-Per Diem & Expenses	\$6,000.00	\$1,888.62	Nil	\$4,111.38
2	Administration	35,000.00	14,258.65	\$1,877.91	21,231.81
	Collections and Refunds	2,368.37			
3	Maintenance of Dams	120,000.00	63,232.40	6,484.57	100,154.18
	Collections and Refunds	49,871.15			
4	International & Interstate-Commissions' & Conference Expense	14,000.00	3,153.83	149.09	10,697.08
5	Topographic & Conservation, Cooperation with U.S. Geological Survey	35,000.00	8,962.33	1,401.52	24,636.15
6	Hydrographic Surveys, Cooperation with U.S. Geological Survey	25,000.00	9,242.43	Nil	15,757.57
7	Salary-State Engineer	6,000.00	2,750.00	250.00	3,000.00
8	Construction & Reconstruction Drains or Irrigation	90,000.00	Nil	Nil	90,000.00
9	Engineering & Geological Surveys & Demonstrations	35,000.00	15,687.53	1,112.95	18,199.52
10	Cooperation with U.S. Departments & for organizing Conservation & Irrigation Districts	65,000.00	37,330.64	1,580.41	26,088.95
11	Small Projects, Other Invest., Surveys & Etc.	150,000.00	18,227.74	4,748.55	127,023.71
12	Construction Bond Guaranty Fund	<u>70,541.00</u>	<u> </u>	<u> </u>	<u>70,541.00</u>
		<u>\$703,780.52</u>	<u>\$174,734.17</u>	<u>\$17,605.00</u>	<u>\$511,441.35</u>

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NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
MONTHLY REPORT OF ACCOUNTS AS OF JUNE 30, 1952
1949-1951 APPROPRIATIONS

Fund No.	Appropriations	Available July 1949	Expended to June 30, 1952	Balance June 30, 1952
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	120,038.13	29,961.87
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	62,947.10	59,130.20
11	Other Investigations, surveys and Etc.	90,000.00	89,914.61	122.15
	Refund	<u>36.76</u>	<u> </u>	<u> </u>
		<u>\$659,095.97</u>	<u>\$567,591.05</u>	<u>\$91,504.92</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 JUNE 30, 1952

Fund No.	Year	Appropriations for	Balance Available	Expended to June 30, 1952	Balance June 30, 1952
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
JUNE 30, 1952

Sources of Deposits	Transit No.	Amount Deposited	Expended to June 30, 1952	Balance June 30, 1952
Collection on Yellowstone Pumping Irrigation District \$3,500.00 warrant. Tax collections for partial payment of interest and principal to March 1952.	501-118	\$1,711.40		\$1,711.40
Contributions for Groundwater Surveys:				
Fessenden \$1,000.00	Streeter	\$1,000.00		
Mountain 100.00	Mohall	1,000.00		
Maddock 750.00	Richardson	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	Stanley	1,500.00		
Windred 1,000.00				
Mylo 250.00				
Necha 300.00				
Transfer .10				
St. John 750.00	501-128	26,180.60	\$20,048.58	6,132.02
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	20.52
Missouri-Souris Unit Cooperative Study	501-122	10,000.00	3,671.65	<u>6,328.35</u>
TOTAL OF ALL BANK OF NORTH DAKOTA DEPOSITS AS OF JUNE 30, 1952				<u>\$16,961.71</u>

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PAYROLL OF
NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
JUNE 30, 1952

Name	Duties	Salary for June	Withhold- ing Tax	N. D. OASIS	Hosp. Ins.	Bond	Net Pay	Remarks
Walsh, J. J.	Secy-State Engineer	\$550.00	\$65.60	\$8.25	\$6.88		\$469.27	Increased January, 1952
Acker, Iver A.	Spec. Ass't Atty Gen.	400.00	59.80	6.00	6.88		327.32	Increased January, 1952
Anderson, Albin	Field Engineer	325.00	42.60	4.88	1.95		275.57	Increased January, 1952
Berge, Einar	Technical Ass't	150.00		2.25	6.88		140.87	Increased April, 1951
Carman, Bertha	Bookkeeper	200.00	29.30	3.00	1.95		165.75	Increased January, 1952
Cooper, Vernon S.	Ass't Sec'y	425.00	41.60	6.38	6.88		370.14	Increased January, 1952
Dodd, Harold	Ass't Const. Engineer	325.00	31.50	4.88	6.88	\$6.25	275.49	Increased January, 1952
Gamble, Clarence	Ass't Field Engineer	275.00	44.10	4.13	1.95		224.82	Increased January, 1952
Hagert, E. S.	Chief Invest. Engineer	400.00	59.80	6.00	1.95		332.25	Increased January, 1952
Kramer, Joe	Const. Foreman	375.00	18.80	5.63			350.57	Started Dec. 11, 1951
Kudinow, Wasilij	Draftsman	250.00	28.20	3.75			218.05	Increased June, 1952
Nichols, Don	Chief Const. Engineer	425.00	41.60	6.38	6.88		370.14	Increased January, 1952
Nordstrom, Frans	Equipment Foreman	300.00	15.60	4.50			279.90	Increased January, 1952
Peterson, Winifred	Chief Stenographer	260.00	40.90	3.90	1.95		213.25	Increased January, 1952
Putz, Roy	Rodman	150.00	18.90	2.25	1.95		126.90	Increased January, 1952
Schmitzke, Otto	Laborer	235.00		3.53			231.47	Increased April, 1951
Sheldon, Marvin	Const. Engineer	350.00	36.30	5.25	6.88		301.57	Increased January, 1952
Turner, J. L.	Pump Attendant	180.00	3.10	2.70			174.20	Started June 1, 1952
Worle, Joyce	Stenographer	180.00	25.30	2.70	1.95		150.05	Increased January, 1952
Dobrovolny, Richard	Field Engineer	173.33	28.64	2.60			142.09	Started June 15, 1952
Gress, Joe	Rodman	150.00	18.90	2.25			128.85	Started May 6, 1952
Guttenberg, Ronald	Rodman	65.00	8.19	.98			55.83	Worked June 2-14, 1952
Kugler, Karl	Rodman	140.00	17.30	2.10			120.60	Started May 11, 1952
Keller, Bruce	Rodman	140.00	17.30	2.10			120.60	Started May 2, 1952
Lechner, Robert	Equip. Operator	137.50	22.05	2.06			113.39	Started June 16, 1952
Olson, Arthur W	Timekeeper	128.33	17.38	1.92			109.03	Started June 9, 1952
Olson, Gordon	Rodman	150.00	18.90	2.25			128.85	Started May 26, 1952
Olson, Jerome	Instrumentman	60.00	9.09	.90			50.01	Started June 23, 1952
Reff, Neil	Rodman	75.00	9.45	1.13			64.42	Started June 16, 1952
Reff, Tommy	Rodman	110.00	13.86	1.65			94.49	Started June 9, 1952
Schneider, Leo	Rodman	75.00	9.45	1.13			64.42	Started June 16, 1952
Wahl, Dewey	Rodman	75.00	9.45	1.13			64.42	Started June 16, 1952

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
MONTHLY REPORT OF ACCOUNTS AS OF JULY 31, 1952
1951-1953 APPROPRIATIONS

Fund No.	Appropriations	Available July 1951	Expended to June 30, 1952	Expended July, 1952	Balance July 31, 1952
1	Commissioners-Per Diem & Expenses	\$6,000.00	\$1,888.62	\$138.44	\$3,972.94
2	Administration	35,000.00	16,136.56	1,942.68	21,163.09
	Collections and Refunds	4,242.33			
3	Maintenance of Dams	120,000.00	69,716.97	9,550.84	90,943.34
	Collections and Refunds	50,211.15			
4	International & Interstate-Commissions' & Conference Expense	14,000.00	3,302.92	220.00	10,477.08
5	Topographic & Conservation, Cooperation with U.S. Geological Survey	35,000.00	10,363.85	Nil	24,636.15
6	Hydrographic Surveys, Cooperation with U.S. Geological Survey	25,000.00	9,242.43	3,257.57	12,500.00
7	Salary-State Engineer	6,000.00	3,000.00	250.00	2,750.00
8	Construction & Reconstruction Drains or Irrigation . . .	90,000.00	Nil	Nil	90,000.00
9	Engineering & Geological Surveys & Demonstrations	35,000.00	16,800.48	1,806.68	16,392.84
10	Cooperation with U.S. Departments & for organizing Conservation & Irrigation Districts	65,000.00	38,911.05	2,062.87	24,026.08
11	Small Projects, Other Invest., Surveys & Etc.	150,000.00	22,976.29	5,789.18	121,234.53
12	Construction Bond Guaranty Fund	<u>70,541.00</u>	<u> </u>	<u> </u>	<u>70,541.00</u>
		<u>\$705,994.48</u>	<u>\$192,339.17</u>	<u>\$25,018.26</u>	<u>\$488,637.05</u>

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NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
 MONTHLY REPORT OF ACCOUNTS AS OF JULY 31, 1952
 1949-1951 APPROPRIATIONS

Fund No.	Appropriations	Available July 1949	Expended to July 31, 1952	Balance July 31, 1952
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	126,604.79	23,395.21
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	62,947.10	59,130.20
11	Other Investigations, surveys and Etc.	90,000.00	89,914.61	122.15
	Refund	36.76		
		<u>\$659,095.97</u>	<u>\$574,157.71</u>	<u>\$84,938.26</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
BALANCE OF PRIOR FUNDS RECOVERED BY OPINION OF
ATTORNEY GENERAL AND UNDER SECTION 54-2709
AS OF JULY 31, 1952

Fund No.	Year	Appropriations for	Balance Available	Expended to July 31, 1952	Balance July 31, 1952
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
JULY 31, 1952

Sources of Deposits	Transit No.	Amount Deposited	Expended to July 31, 1952	Balance July 31, 1952
Collection on Yellowstone Pumping Irrigation District \$3,500.00 warrant. Tax collections for partial payment of interest and principal to March 1952.	501-118	\$1,711.40		\$1,711.40
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	Stanley	1,500.00		
Kindred 1,000.00	Upham	750.00		
Myle 250.00				
Neche 300.00				
Transfer .10				
St. John 750.00	501-128	26,930.60	\$20,048.58	6,882.02
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	2,785.40	20.52
Missouri-Souris Unit Cooperative Study	501-122	10,000.00	5,531.50	<u>4,468.50</u>
TOTAL OF ALL BANK OF NORTH DAKOTA DEPOSITS AS OF JULY 31, 1952				<u>\$15,851.86</u>

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PAYROLL OF
NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
JULY 31, 1952

Name	Duties	Salary for July	Withhold- ing Tax	N. D. OASIS	Hosp. Ins.	Bond	Net Pay	Remarks
Walsh, J. J.	Secy-State Engineer	\$550.00	\$65.60		\$6.88		477.52	Increased January, 1952
Acker, Iver A.	Spec. Ass't Atty Gen.	400.00	59.80	\$6.00	6.88		327.32	Increased January, 1952
Anderson, Albin	Field Engineer	325.00	42.60	4.88	1.95		275.57	Increased January, 1952
Berge, Einar	Technical Ass't	150.00		2.25	6.88		140.87	Increased April, 1951
Carman, Bertha	Bookkeeper	210.00	30.90	3.15	1.95		174.00	Increased July, 1952
Cooper, Vernon	Ass't Sec'y	425.00	41.60	6.38	6.88		370.14	Increased January, 1952
Dodd, Harold	Ass't Const. Engineer	325.00	31.50	4.88	6.88	\$6.25	275.49	Increased January, 1952
Gamble, Clarence	Ass't Field Engineer	300.00	48.90	4.50	1.95		244.65	Increased July 1952
Hagert, E. S.	Chief Invest. Engineer	400.00	59.80	6.00	1.95		332.25	Increased January, 1952
Kramer, Joe	Const. Foreman	375.00	18.80	5.63			350.57	Started Dec. 11, 1951
Kudinow, Vasilij	Draftsman	250.00	28.20	3.75			218.05	Increased June, 1952
Nichols, Don	Chief Const. Engineer	425.00	41.60	6.38	6.88		370.14	Increased January, 1952
Nordstrom, Franz	Equipment Foreman	300.00	15.60	4.50			279.90	Increased January, 1952
Peterson, Winifred	Chief Stenographer	270.00	42.50	4.05	1.95		221.50	Increased July, 1952
Putz, Roy	Rodman	150.00	18.90	2.25	1.95		126.90	Increased January, 1952
Schnitcke, Otto	Laborer	250.00		3.75			246.25	Increased July, 1952
Sheldon, Marvin	Const. Engineer	350.00	36.30	5.25	6.88		301.57	Increased January, 1952
Turner, J. L.	Pump Attendant	180.00	3.10	2.70			174.20	Started June 1, 1952
Worle, Joyce	Stenographer	200.00	29.30	3.00	1.95		165.75	Increased July, 1952
Leifur, Barbara	Typist	140.00	17.30	2.00			120.60	Started July 1, 1952
Carlson, Roger	Rodman	150.00	18.90	2.25			128.85	Started July 1, 1952
Dobrovolny, Richard	Field Engineer	325.00	53.70	4.88			266.42	Quit July 31, 1952
Fix, Gerald	Rodman	125.80	15.85	1.89			108.06	Started July 6, 1952
Gress, Joe	Rodman	150.00	18.90	2.25			128.85	Started May 6, 1952
Kugler, Karl	Rodman	150.00	18.90	2.25			128.85	Increased July, 1952
Keller, Bruce	Rodman	150.00	18.90	2.25			128.85	Increased July, 1952
Leckner, Robert	Equip. Operator	275.00	44.10	4.13			226.77	Started June 16, 1952
Olson, Arthur W.	Timekeeper	175.00	23.70	2.63			148.67	Started June 9, 1952
Olson, Jerome	Instrumentman	250.00	39.20	3.75			207.05	Increased July, 1952
Gison, Gordon	Rodman	155.00	19.70	2.33			132.97	Increased July, 1952
Reff, Neil	Rodman	150.00	18.90	2.25			128.85	Quit July 31, 1952
Reff, Tommy	Rodman	160.00	21.30	2.40			136.30	Increased July, 1952

PAYROLL OF
 NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
 JULY 31, 1952

Name	Duties	Salary for July	Withhold- ing Tax	N. D. OASIS	Bond	Net Pay	Remarks
Schneider, Leo	Rodman	\$150.00	\$18.90	\$2.25		\$128.85	Started June 16, 1952
Wahl, Dewey	Rodman	150.00	18.90	2.25		128.85	Quit July 31, 1952