

MINUTES OF A MEETING OF THE
STATE WATER CONSERVATION COMMISSION

Held in the Office of the Water Conservation Commission
State Capitol, Bismarck, North Dakota
January 18, 1951

A regular meeting of the North Dakota Water Conservation Commission was held in the Office of the Water Conservation Commission in the State Capitol, Bismarck, North Dakota, on January 18, 1951.

MEMBERS OF STATE WATER CONSERVATION COMMISSION PRESENT:

- Hon. Norman Brunsdale, Governor of North Dakota
- S. W. Thompson, Vice Chairman, Devils Lake, North Dakota
- Einar H. Dahl, Commissioner from Watford City, " "
- Curtis Olson, Commissioner from Valley City, " "
- Earle F. Tucker, Commissioner from Bismarck, " "
- A. M. Christensen, Commissioner from Minot, " "
- Math Dahl, Commissioner of Agriculture & Labor, and Member of Commission, Bismarck
- J. J. Walsh, Secretary and Chief Engineer, State Engineer

OTHERS PRESENT:

- Fred J. Fredrickson, Washington, D.C. representative for the Commission
- Dr. Wilson M. Laird, State Geologist, Grand Forks, North Dakota
- P. D. Akin, District Engineer, U.S. Geological Survey, Grand Forks, North Dakota
- LeRoy Pease, Executive Secretary, Greater North Dakota Ass'n, Fargo, " "
- Halvor Halvorson, Attorney-at-Law, Minot, North Dakota
- R. L. Dushinski, Editor, Devils Lake Journal, Devils Lake, North Dakota
- Herb W. Lyons, Jamestown, North Dakota
- R. W. Buchanan, Agricultural Agent, Greater North Dakota Ass'n, Fargo, North Dakota
- Einar Berge, Publicity Manager for the Commission.

The meeting was called to order at 1:30 o'clock p.m. by Vice Chairman S. W. Thompson. The following persons were present at the opening of the meeting: Commissioners Einar Dahl, Thompson, Olson, Tucker and Christensen, Secretary J. J. Walsh, Fred J. Fredrickson, Herb Lyons, R. L. Dushinski, LeRoy Pease and R. W. Buchanan.

A motion was made by Commissioner Einar Dahl, and seconded by Commissioner Olson, that the Minutes of the December 14, 1950, meeting of the State Water Conservation Commission be approved by the Commission. The Commissioners voted unanimously in favor of the motion. Motion carried.

Commissioner Tucker made a motion, which was seconded by Commissioner Olsen, that the Financial Statements for the month of December, 1950, be approved and filed for record in the Office of the Water Commission. Upon a unanimous vote of the Members of the Commission, the motion carried.

1/18/51

Governor Norman Brunsdale entered the meeting at 1:35 p.m.

Commissioner Einar H. Dahl was delegated by the Commission to attend the Missouri Basin Inter-Agency Committee meeting scheduled for February 9, at Jefferson City, Missouri.

Commissioner Math Dahl, Dr. Wilson M. Laird, and Mr. P. D. Akin of the Geological Survey entered the meeting at 2:00 o'clock p.m.

In their discussion of the Yellowstone Compact, Governor Brunsdale told the Commission that the Legislative Committee had suggested to him that he send a letter to each House of the Legislature, inclosing a copy of the Compact, as signed by the Commissioners for the States of Montana, North Dakota and Wyoming, and asking them for their consideration and eventual approval. He thought it advisable, as a matter of record, to accompany the Resolution with a copy of the original compact, and to include in the letter a statement that the compact can not be amended or changed.

Commissioner Thompson read a suggested draft of a letter to be sent to Governor Youngdahl of Minnesota from Governor Brunsdale of North Dakota, in which he stated that the American Crystal Sugar Company, which has contributed money to construction of the Baldhill Reservoir, is requesting action on their water-right application. Fred Fredrickson was of the opinion that a compact or agreement should be drawn up between the states of Minnesota and North Dakota and duly ratified by their legislatures and approved by Congress, as the Tri-State Waters Commission compact between Minnesota, South Dakota and North Dakota does not authorize the Commission to act on such matters. He suggested that a conference between representatives of the two states be arranged. The Commission was in favor of sending representatives down to meet with Minnesota officials in a preliminary discussion. Mr. Fredrickson expressed his willingness to attend and suggested that the City of Grand Forks be represented by Byron Rockwood; Fargo, by Homer Ludwick, Fred Hagen and City Engineer W.P. Tarbell; that Secretary Walsh and Commissioner Curtis Olson represent the State Water Commission, and that the District Manager of the American Crystal Sugar Company be notified. A motion was made by Commissioner E. Dahl to that effect, which was seconded by Commissioner Tucker. The Commissioners voted unanimously in favor of the motion. Motion carried.

Dr. Wilson Laird, State Geologist, and P. D. Akin, District Engineer with the U.S. Geological Survey, met with the Water Commission requesting additional state funds for matching with the U. S. Geological Survey for underground water surveys. Dr. Laird briefly outlined the underground water program for the state. He stated that since 1945, the underground water program has expanded considerably and that their present appropriation was insufficient to meet the expenses of investigations and studies now in progress at Devils Lake, Bowbells, Fairmount and other towns and cities. He reported that \$28,000 has been expended in the Devils Lake area to date, and estimated their required needs to be from \$2,750 to \$3,000. It was the opinion of the Commissioners that the trust funds which North Dakota cities have contributed and are on deposit with the Bank of North Dakota, be used only for those projects for which they were originally intended.

Mr. Einar Berge entered the meeting at 3 o'clock p.m.

Commissioner Olson made a motion that an application be made by the State Water Conservation Commission to the Emergency Commission for a transfer of funds in the sum of \$3,000 from the fund entitled "Cooperation with U. S. Departments, small projects and for organizing Conservation and Irrigation Districts" to the fund entitled "Engineering and Geological Survey and Demonstrations", to be made available for matching on a fifty-fifty basis and to be used in the cooperative program with the U. S. Geological Survey. The motion was seconded by Commissioner Einar Dahl, and upon roll call by the Chairman, Commissioners Christensen, Einar Dahl, Thompson, Math Dahl, Olson, Tucker and Governor Brunsdale all voted aye. Motion carried.

The Commissioners reviewed "Resolutions" adopted by the North Dakota Reclamation Association at their meeting held at Sidney, Montana, on November 26, 27 and 28, 1950. The Resolution urging the Bureau of the Budget to release funds presently "frozen" in order that construction may be launched on the Missouri-Souris Project in 1951 was discussed. The matter of having a re-examination and review of the Bureau of Reclamation soils report of the Crosby-Bowbells area was discussed, it being the opinion of the Commission that the request for the review report should be initiated by the Missouri-Souris Projects Association with their recommendations of experienced soils experts and engineers for the purpose of reviewing the Bureau of Reclamation report. Commissioner Christensen was delegated to inform the Missouri-Souris Projects Association of the action of the Commission and to have the Association make arrangements for holding a meeting. A motion was made by Commissioner Christensen that the State Water Commission proceed to arrange for a meeting of representatives from the Bureau of Reclamation, the Missouri-Souris Projects Association and the State Water Conservation Commission to review the Missouri-Souris Project, if such action is found to be agreeable with the other agencies concerned. The motion was seconded by Commissioner Math Dahl. Upon a unanimous vote of the Commissioners, the motion carried.

Governor Brunsdale and Commissioner Math Dahl left the meeting at 3:20 p.m.

R. L. Dushinske, President of the North Dakota Reclamation Association and Editor of the Devils Lake Journal; Herb Lyons, LeRoy Pease and R. W. Buchanan met with the Commission to discuss resolutions adopted at the North Dakota Reclamation Association meeting with regard to small projects. The Commission expressed their desire to have the Federal Government make funds available for the development of small irrigation projects, in order that small irrigation farmers could receive the same assistance as that received on large irrigation projects. The Secretary of the Water Commission was instructed to write the F.H.A. and other government departments, including the Soil Conservation Service, for information outlining their policy for developing and financing small irrigation projects. Mr. Lyons was of the opinion that the aid of South Dakota should be enlisted in a cooperative movement to secure action from the President and Congress in releasing construction funds for the Jamestown dam, and said that Aberdeen, South Dakota, was vitally interested as a result of the damage caused by last spring's flood. He believed a working agreement between the two states would be more effective in securing Congressional aid for the immediate construction of the Jamestown dam. Commissioner Thompson was requested to have a resolution drawn up and presented to the legislatures of North and South Dakota.

Fred J. Fredrickson, Dr. Wilson Laird, P. D. Akin, LeRoy Pease, R. L. Dushinske, Herb Lyons, R. W. Buchanan and Einar Berge all left the meeting at 3:45 p.m.)

Commissioner Christensen made a motion, seconded by Commissioner Olson, that the State Water Conservation Commission approve the payment of their membership fee with the National Rivers and Harbors Congress for the year 1951, in the amount of \$100.00. Upon roll call by the Chairman, Commissioners Thompson, Olson, E. Dahl, Christensen and Tucker all voted in favor of the motion. Motion carried.

Commissioner Thompson read a letter addressed to Secretary Walsh from Jay W. Bliss, City Manager of Minot, requesting the Water Commission to take any action necessary to guard against damage of high water in Lake Darling this spring, and inclosing a copy of a letter addressed to Arthur G. Huey, Regional Engineer, U. S. Fish and Wildlife Service, Minneapolis, in which he directed the attention of the Wildlife Service to lowering the water in Lake Darling to provide as much storage as can be obtained in case of high water this coming spring. The Commission authorized the Secretary to take such action as he felt necessary to lower the level of Lake Darling, and that he write Mr. Bliss to that effect, while Commissioner Christensen was delegated to contact him in the meantime.

Payment of costs of installing tunnel liner culvert under U. S. Highway 85 on the Lewis and Clark project was referred to the Commissioners for their approval. Commissioner Tucker made a motion that the State Water Commission approve the payment of the total cost of installing the tunnel liner culvert under U. S. Highway 85 on the Lewis and Clark project in the amount of \$5,629.70, with the provision that the State Highway Department and the Lewis and Clark Irrigation District reimburse the Water Commission for their share of the cost in the amount of: \$2,251.88 from the Highway Department as their share, or 40% of the total cost; and \$1,125.94 from the Lewis and Clark Irrigation District as their share, or 20% of the total cost. The motion was seconded by Commissioner Christensen. Upon roll call by the Chairman, Commissioners Olson, Christensen, Tucker, Dahl, and Thompson all voted in favor of the motion. Motion carried.

Commissioner Olson made a motion, seconded by Commissioner Tucker, that the State Water Conservation Commission approve the payment of a voucher in the amount of \$250.00 in favor of Jean S. Breitenstein, Attorney-at-Law, Denver, Colorado, for the preparation of a legal opinion made in collaboration with Clifford H. Stone, Director of Colorado Water Conservation Board, and rendered to the North Dakota State Water Conservation Commission by letter dated September 2, 1950, concerning the diversion of Sheyenne River stored waters in North Dakota, for use in Minnesota. Upon call of the roll by the Chairman, Commissioners E. Dahl, Christensen, Olson, Tucker and Thompson all voted in favor of the motion. Motion carried.

Commissioner Christensen made a motion, seconded by Commissioner E. Dahl, that the State Water Conservation Commission approve the payment of a voucher in favor of the National Water Conservation Conference, Washington, D. C., to their annual membership for the year 1950-1951, in the amount of \$250. Upon roll call by the Chairman, Commissioners E. Dahl, Tucker, Christensen, Olson and Thompson all voted in favor of the motion. Motion carried.

The Commission considered letters from D. C. Ketcham, District Manager of the Bureau of Reclamation at Billings, Montana, with reference to the Paul Motzko diversion ditch, in which he stated they are giving further consideration to this matter. The Secretary was instructed by the Commission to write to Mr. Ketcham, inclosing copy of Mr. Motzko's letter, and also to reply to Mr. Motzko's letter telling him his application was under consideration by the Bureau of Reclamation.

The following water-right applications, having complied with the rules and regulations of the State Water Conservation Commission, were approved by the Members of the Commission:

It was moved by Commissioner Olson, and seconded by Commissioner E. Dahl, that the application of Ed Whitney, Ypsilanti, North Dakota, for permit to divert and appropriate water from the James River, tributary of the Missouri River, for irrigation purposes, be granted in the amount of 200 acres, and not to exceed an annual diversion of 160.0 acre feet of water, subject to all prior and existing water-rights and appropriations on the James River. The Members of the Commission voted unanimously in favor of the motion. Motion carried.

It was moved by Commissioner Tucker, and seconded by Commissioner Christensen, that the application of C. L. Stenhjem, Kindred, North Dakota, for permit to divert and appropriate water from the Sheyenne River, tributary of the Red River for irrigation purposes, be granted in the amount of 80 acres, and not to exceed an annual diversion of 160.0 acre feet of water, subject to all prior and existing water-rights and appropriations on the Sheyenne River. Upon a unanimous vote of the Members of the Commission, the motion carried.

It was moved by Commissioner E. Dahl, and seconded by Commissioner Tucker, that the application of William G. Wruck, Bentley, North Dakota, for permit to divert and appropriate water from Thirty Mile Creek and the Cannonball River, tributaries of the Cannonball and Missouri River respectively, for irrigation purposes, be granted in the amount of 80 acres, and not to exceed an annual diversion of 160.0 acre feet of water, subject to all prior and existing water-rights and appropriations on Thirty Mile Creek and the Cannonball River. Upon a unanimous vote of the Members of the Commission, the motion carried.

It was moved by Commissioner Christensen, and seconded by Commissioner Olson, that the application of Alvin Abrahamson, Minnehaha Township, Bowman County, North Dakota, for permit to divert and appropriate water from the North Fork of the Grand River, tributary of the Grand River, for irrigation purposes, be granted in the amount of 47.9 acres, and not to exceed an annual diversion of 95.8 acre feet of water, subject to all prior and existing water-rights and appropriations on the North Fork of the Grand River. The Commissioners voted unanimously in favor of the motion. Motion carried.

It was moved by Commissioner Olson, and seconded by Commissioner Tucker, that the application of George Bergmeyer, Elgin, North Dakota, for permit to divert and appropriate water from the Cannonball River, for irrigation purposes, be granted in the amount of 41.5 acres, and not to exceed an annual diversion of 83 acre feet of water, subject to all prior and existing water-rights and appropriations on the Cannonball River. Upon a unanimous vote of the Members of the Commission, the motion carried.

It was moved by Commissioner Christensen, and seconded by Commissioner E. Dahl, that the application of Richard Engwicht, Richardton, North Dakota, for permit to divert and appropriate water from the Little Knife River, tributary of the Knife River, for irrigation purposes, be granted in the amount of 45.2 acres, and not to exceed an annual diversion of 90.4 acre feet of water, subject to all prior and existing water-rights and appropriations on the Little Knife River. The Members of the Commission voted unanimously in favor of the motion. Motion carried.

All business on the Agenda being dispensed with, the meeting adjourned at 4 o'clock p.m.

Respectfully submitted,

J. Wash
Secretary

ATTEST:

Norman Newsdale
Chairman

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
 MONTHLY REPORT OF ACCOUNTS OF JANUARY 31, 1950
 1949-1951 APPROPRIATIONS

| Fund No. | Appropriations | Available July 1949 | Expended to Dec. 31, 1950 | Expended January, 1951 | Balance January 31, 1951 |
|----------|--|---------------------|---------------------------|------------------------|--------------------------|
| 1 | Commissioner's Per Diem and Expenses | \$ 4,000.00 | \$ 2,960.62 | \$ 130.19 | \$ 909.19 |
| 2 | Administration | 30,000.00 | 25,028.50 | 1,580.17 | 8,970.39 |
| | Collections and Refunds | 5,579.06 | | | |
| 3 | Maintenance of Existing Dams | 100,000.00 | 119,482.98 | 2,111.32 | 15,582.55 |
| | Collections and Refunds | 37,176.85 | | | |
| 4 | International and Interstate Commissioner's and Conference Expense | 12,000.00 | 7,874.34 | 196.57 | 3,929.09 |
| 5 | Topographic and Conservation, Cooperation with the U.S.G.S. plus transfers | 33,085.60 | 16,109.64 | Nil | 16,975.96 |
| 6 | Hydrographic Surveys, Coop. with U.S.G.S. Refund | 20,000.00 90.87 | 14,741.13 | 778.57 | 4,571.17 |
| 7 | Salary-State Engineer | 5,400.00 | 4,050.00 | 225.00 | 1,125.00 |
| 8 | Construction and Reconstruction - Drains or Irrigations . . | 150,000.00 | 36,265.29 | Nil | 113,734.71 |
| 9 | Engineering & Geological Survey & Demonstrations | 30,000.00 | 22,835.73 | 6,224.50 | 939.77 |
| 10 | Cooperation with U.S. Dept., small projects & for organizing Conservation & Irrig. Dist. plus refunds . . . | 135,077.30 | 23,019.04 | 6,568.34 | 105,489.92 |
| 11 | Other Investigations, Surveys and Etc. Refund | 90,000.00 36.76 | 75,071.69 | 1,310.29 | 13,654.78 |
| 12 | Construction Bond Guaranty Fund | 70,541.00 | | | 70,541.00 |
| | | <u>\$722,987.44</u> | <u>\$347,438.96</u> | <u>\$19,124.95</u> | <u>\$356,423.53</u> |

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NORTH DAKOTA STATE WATER IRRIGATION COMMISSION
 MONTHLY REPORT OF ACCOUNTS OF JANUARY 31, 1951
 1947-1949 APPROPRIATIONS

| Fund No. | Appropriation | Available July 1949 | Expended to January 31, 1951 | Balance January 31, 1951 |
|----------|--|---------------------|------------------------------|--------------------------|
| 1 | Commissioner's Per Diem and Expenses | \$ 4,000.00 | \$ 3,855.35 | \$ 144.65 |
| 2 | Administration | 30,000.00 | 31,721.41 | 3,799.00 |
| | Plus refunds and collections | 5,520.41 | | |
| 3 | Maintenance of Existing Dams | 45,000.00 | 72,132.26 | 76.85 |
| | Plus refunds and donations for dam repairs | 27,209.11 | | |
| 4 | Tri-State Waters and Portion of Administration and Conference Expenses | 1,000.00 | 160.92 | 839.08 |
| 5 | International and Interstate Compacts | 10,000.00 | 8,522.05 | 1,477.95 |
| 6 | Topographic and Conservation Branches, Cooperation with the U.S.G.S. | 30,000.00 | 30,000.00 | Nil |
| 7 | Hydrographic Survey, Cooperation with the U.S.G.S. | 20,000.00 | 20,000.00 | Nil |
| 8 | State Engineer's Salary | 5,400.00 | 5,400.00 | Nil |
| 9 | Reconstruction of Drains or Irrigation | 200,000.00 | 123,205.32 | 76,796.68 |
| | Refund | 2.00 | | |
| 10 | Engineering and Geological Surveys, plus transfers | 33,065.70 | 33,065.70 | Nil |
| 11 | Postwar Projects, Cooperation with U.S. Departments | 135,000.00 | 114,284.74 | 37,952.01 |
| | Refund | 17,236.75 | | |
| 12 | Other Investigations, Surveys and Etc. | <u>87,000.00</u> | <u>74,044.06</u> | <u>12,955.94</u> |
| | | <u>\$650,433.97</u> | <u>\$516,391.81</u> | <u>\$134,042.16</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 JANUARY 31, 1951

| Fund No. | Year | Appropriations for | Balance Available | Expended to January 31, 1951 | Balance January 31, 1951 |
|----------|------|---|---------------------|------------------------------|--------------------------|
| 2 | 1939 | Commissioner's Per Diem | \$ 1,727.00 | \$ 1,270.21 | 456.79 |
| 5 | 1939 | Sponsor's Share of Dam Repairs | 2,088.08 | 439.32 | 1,648.76 |
| 1 | 1941 | Commissioner's Per Diem | 395.00 | Nil | 395.00 |
| 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 | .13 | Nil | .13 |
| 11 | 1945 | Postwar Projects, Cooperation with U.S. Depts. . . | <u>14,813.72</u> | <u>329.06</u> | <u>14,484.66</u> |
| | | | <u>\$ 19,086.40</u> | <u>\$ 2,038.59</u> | <u>\$ 17,047.81</u> |

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NORTH DAKOTA STATE WATER
DEPOSITS IN THE BANK
AS OF JANUARY 31, 1951

WATER DEVELOPMENT COMMISSION
NORTH DAKOTA
1951

| Sources of Deposits | Transit No. | Amount Deposited | Expended to January 31, 1951 | Balance January 31, 1951 |
|--|----------------|---------------------|---------------------------------|-----------------------------|
| Collection on Yellowstone Pumping Irrigation District \$3,500.00 warrant. Interest paid to 10-1-44; tax collections to Jan. 31, 1949 | 501-118 | \$ 1,299.69 | | \$ 1,299.69 |
| Contributions for Groundwater surveys: | | | | |
| Fessenden | | \$ 1,000.00 | | |
| Mountain | | 100.00 | | |
| Maddock | | 750.00 | | |
| Lakota | | 1,000.00 | | |
| Rolla | | 750.00 | | |
| Devils Lake | | 7,500.00 | | |
| Aneta | | 1,000.00 | | |
| Litchville | | 1,000.00 | | |
| Wyndmere | | 1,000.00 | | |
| Portland | | 500.00 | | |
| Kindred | | 1,000.00 | | |
| Myle | | 250.00 | | |
| Keche | | 300.00 | | |
| Transfer | | .10 | | |
| St. John | | 750.00 | | |
| Streeter | | 1,000.00 | | |
| Monall | | 1,000.00 | | |
| Richardton | | 750.00 | | |
| Portland | | 200.00 | | |
| Bowbells | | 1,000.00 | | |
| Michigan | | 580.00 | | |
| Wimbledon | | 1,000.00 | | |
| Fairmount | | 1,000.00 | | |
| Hope | | 1,000.00 | | |
| Suareon | 501-128 | \$ 24,630.60 | \$ 15,540.56 | \$ 9,140.04 |
| Sale of N. Dak. Water Development Books | 501-127 | 2,770.67 | 1.25 | <u>2,769.42</u> |
| TOTAL OF ALL BANK OF NORTH DAKOTA DEPOSITS AS OF JANUARY 31, 1951 | | | | <u>\$13,209.15</u> |

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PAYROLL
NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
JANUARY 31, 1951

| Name | Duties | Salary for January | Withhold- ing Tax | N. D. OASIS | Hosp. Ins. | Net Pay | Remarks |
|--------------------|-----------------------|-----------------------|----------------------|----------------|---------------|------------|---|
| Walsh, J. J. | Sec'y State Engineer | \$435.00 | \$37.40 | \$4.35 | \$3.78 | \$389.47 | Increased March, 1950 |
| Acker, Iver | Administrative Ass't | 350.00 | 42.60 | 3.50 | 3.78 | 300.12 | Started Jan. 1, 1949 |
| Anderson, Albin | Engineer | 275.00 | 29.70 | 2.75 | 3.78 | 238.77 | Increased Feb. 1948 |
| Berge, Minar | Technical Ass't | 125.00 | | 1.25 | 3.78 | 119.97 | Increased January, 1950 |
| Carman, Bertha | Typist | 80.00 | 4.80 | .80 | | 74.40 | Worked $\frac{1}{2}$ Time January, 1951 |
| Cooper, Vernon | Accountant | 325.00 | 28.30 | 3.25 | 3.78 | 289.67 | Increased March, 1950 |
| Dedd, Harold | Engineer | 300.00 | 24.00 | 3.00 | 3.78 | 269.22 | Increased March, 1950 |
| Gamble, Clarence | Engineer | 250.00 | 35.40 | 2.50 | 1.52 | 210.58 | Started October, 1950 |
| Hagert, E. S. | Engineer | 325.00 | 38.30 | 3.25 | 1.52 | 281.93 | Increased March, 1950 |
| Lechner, Robert | Rodman | 141.01 | 15.60 | 1.41 | | 124.00 | Quit January 25, 1951 |
| LeGore, Robert | Engineer | 250.00 | 35.40 | 2.50 | 1.52 | 210.58 | Increased December, 1950 |
| Nichols, Don | Engineer, Ass't Sec'y | 350.00 | 22.60 | 3.50 | 3.78 | 320.12 | Increased March, 1950 |
| Nordstrom, Franz | Foreman | 250.00 | 15.40 | 2.50 | | 232.10 | Increased March, 1950 |
| Orr, F. G. | Bookkeeper | 300.00 | 14.00 | 3.00 | 3.78 | 279.22 | Increased February, 1948 |
| Peterson, Winifred | Stenographer | 210.00 | 27.80 | 2.10 | 1.52 | 178.58 | Increased April, 1950 |
| Putz, Roy | Rodman | 140.00 | 15.60 | 1.40 | 1.52 | 121.48 | Started April 19, 1948 |
| Schmitzke, Otto | Foreman-Dan Repair | 225.00 | | 2.25 | | 222.75 | Started April 19, 1950 |
| Sheldon, Marvin | Engineer | 300.00 | 44.00 | 3.00 | 1.52 | 251.48 | Increased March, 1950 |
| Tibke, Gerald | Instrumentman | 225.00 | 30.70 | 2.25 | 1.52 | 190.53 | Increased May 1, 1950 |
| Torvik, Duane | Engineer | 275.00 | 29.70 | 2.75 | 3.78 | 238.77 | Increased March, 1950 |
| Worle, Lorraine | Clerk-Typist | 150.00 | 27.00 | 1.50 | | 121.50 | Started January 1, 1951 |

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
 MONTHLY REPORT OF ACCOUNTS AS OF FEBRUARY 28, 1951
 1949-1951 APPROPRIATIONS

| Fund No. | Appropriations | Available July 1949 | Expended to Jan. 31, 1951 | Expended February 1951 | Balance February 28, 1951 |
|----------|---|---------------------|---------------------------|------------------------|---------------------------|
| 1 | Commissioner's Per Diem and Expenses | \$ 4,000.00 | \$ 3,090.81 | \$ 84.00 | \$ 825.19 |
| 2 | Administration | 30,000.00 | 26,608.67 | 934.40 | 8,066.99 |
| | Collections and Refunds | 5,610.06 | | | |
| 3 | Maintenance of Existing Dams | 100,000.00 | 121,594.30 | 400.94 | 15,799.58 |
| | Collections and Refunds | 37,794.82 | | | |
| 4 | International and Interstate Commissioner's and Conference Expenses | 12,000.00 | 8,070.91 | 198.19 | 3,730.90 |
| 5 | Topographic and Conservation, Cooperation with the USGS plus transfers | 33,085.60 | 16,109.64 | Nil | 16,975.96 |
| 6 | Hydrographic Surveys, Coop. with USGS Refund | 20,000.00 90.87 | 15,519.70 | 779.18 | 3,791.99 |
| 7 | Salary-State Engineer | 5,400.00 | 4,275.00 | 225.00 | 900.00 |
| 8 | Construction and Reconstruction - Drains or Irrigations . . | 150,000.00 | 36,265.29 | 6,826.07 | 106,908.64 |
| 9 | Engineering & Geological Survey & Demonstrations | 33,000.00 | 29,060.23 | Nil | 3,939.77 |
| 10 | Cooperation with U.S. Depts., small projects & for organizing Conservation & Irrig. Dist. plus refunds . . . | 132,077.30 | 29,587.38 | 164.16 | 102,325.76 |
| 11 | Other Investigations, Surveys and Etc. | 90,000.00 | 76,381.98 | 4,008.98 | 9,645.80 |
| | Refund | 36.76 | | | |
| 12 | Construction Bond Guaranty Fund | 70,541.00 | _____ | _____ | 70,541.00 |
| | | <u>\$723,636.41</u> | <u>\$366,563.91</u> | <u>\$13,620.92</u> | <u>\$343,451.58</u> |

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NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
MONTHLY REPORT OF ACCOUNTS AS OF FEBRUARY 28, 1951
1947-1949 APPROPRIATIONS

| Fund No. | Appropriation | Available July 1949 | Expended to February 28, 1951 | Balance February 28, 1951 |
|----------|--|-------------------------|-------------------------------|---------------------------|
| 1 | Commissioner's Per Diem and Expenses | \$ 4,000.00 | \$ 3,855.35 | \$ 144.65 |
| 2 | Administration | 30,000.00 | 31,721.41 | 3,799.00 |
| | Plus refunds and collections | 5,520.41 | | |
| 3 | Maintenance of Existing Dams | 45,000.00 | 72,132.26 | 76.85 |
| | Plus refunds and donations for dam repairs | 27,209.11 | | |
| 4 | Tri-State Waters and Portion of Administration and Conference Expenses | 1,000.00 | 160.92 | 839.08 |
| 5 | International and Interstate Compacts | 10,000.00 | 8,522.05 | 1,477.95 |
| 6 | Topographic and Conservation Branches, Cooperation with the USGS | 30,000.00 | 30,000.00 | Nil |
| 7 | Hydrographic Survey, Cooperation with the USGS | 20,000.00 | 20,000.00 | Nil |
| 8 | State Engineer's Salary | 5,400.00 | 5,400.00 | Nil |
| 9 | Reconstruction of Drains or Irrigation Refund | 200,000.00 2.00 | 123,205.32 | 76,796.68 |
| 10 | Engineering and Geological Surveys, plus transfers | 33,065.70 | 33,065.70 | Nil |
| 11 | Postwar Projects, Cooperation with U.S. Departments Refund | 135,000.00 17,236.75 | 114,284.74 | 37,952.01 |
| 12 | Other Investigations, Surveys and Etc. | 87,000.00 | 74,044.06 | 12,955.94 |
| | | <u>\$650,433.97</u> | <u>\$516,391.81</u> | <u>\$134,042.16</u> |

VSC:bc

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
BALANCE OF PRIOR FUNDS RECOVERED BY OPINION OF
ATTORNEY GENERAL AND UNDER SECTION 54-2709
AS OF FEBRUARY 28, 1951

| Fund No. | Year | Appropriations for | Balance Available | Expended to February 28, 1951 | Balance February 28, 1951 |
|----------|------|---|---------------------|-------------------------------|---------------------------|
| 1 | 1939 | Commissioner's Per Diem | \$1,727.00 | \$1,467.99 | \$259.01 |
| 5 | 1939 | Sponsor's Share of Dam Repairs | 2,088.08 | 439.32 | 1,648.76 |
| 1 | 1941 | Commissioner's Per Diem | 395.00 | Nil | 395.00 |
| 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 | .13 | Nil | .13 |
| 11 | 1945 | Postwar Projects, Cooperation with U. S. Depts. . . | <u>14,813.72</u> | <u>329.06</u> | <u>14,484.66</u> |
| | | | <u>\$ 19,086.40</u> | <u>\$ 2,236.37</u> | <u>\$ 16,850.03</u> |

VSC:bc

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
 DEPOSITS IN THE BANK OF NORTH DAKOTA
 AS OF FEBRUARY 28, 1951

| Sources of Deposits | Transit No. | Amount Deposited | Expended to February 28, 1951 | Balance February 28, 1951 |
|--|----------------|----------------------|----------------------------------|------------------------------|
| Collection on Yellowstone Pumping Irrigation District \$3,500.00 warrant. Interest paid to 10-1-44; tax collections to Jan. 31, 1949 | 501-118 | \$ 1,299.69 | | \$ 1,299.69 |
| Contributions for Groundwater surveys: | | | | |
| Fessenden \$1,000.00 | | Wimbledon \$1,000.00 | | |
| Mountain 100.00 | | Fairmount 1,000.00 | | |
| Maddock 750.00 | | Hope 1,000.00 | | |
| Lakota 1,000.00 | | Sharon 250.00 | | |
| Rolla 750.00 | | | | |
| Devils Lake 7,500.00 | | | | |
| Aneta 1,000.00 | | | | |
| Litchville 1,000.00 | | | | |
| Wyndmere 1,000.00 | | | | |
| Portland 500.00 | | | | |
| Kindred 1,000.00 | | | | |
| Nylo 250.00 | | | | |
| Neché 300.00 | | | | |
| Transfer .10 | | | | |
| St. John 750.00 | | | | |
| Streeter 1,000.00 | | | | |
| Nohall 1,000.00 | | | | |
| Richardton 750.00 | | | | |
| Portland 200.00 | | | | |
| Bowbells 1,000.00 | | | | |
| Michigan 580.00 | 501-128 | \$ 24,630.60 | \$ 15,540.56 | 9,140.04 |
| Sale of N. Dak. Water Development Books | 501-127 | 2,770.67 | 1.25 | <u>2,769.42</u> |
| TOTAL OF ALL BANK OF NORTH DAKOTA DEPOSITS AS OF FEBRUARY 28, 1951 | | | | <u>\$13,209.15</u> |

VSC:hc

PAYROLL OF
NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
FEBRUARY 28, 1951

| | | Salary for February | Withhold- ing Tax | N. D. OASIS | Hosp. Ins. | Net Pay | Remarks |
|--------------------|-----------------------|------------------------|----------------------|----------------|---------------|------------|--------------------------------------|
| Walsh, J. J. | Sec'y State Engineer | \$435.00 | \$37.40 | \$4.35 | \$3.78 | \$389.47 | Increased March, 1950 |
| Acker, Iver | Administrative Ass't | 350.00 | 42.60 | 3.50 | 3.78 | 300.12 | Started Jan. 1, 1949 |
| Anderson, Albin | Engineer | 275.00 | 29.70 | 2.75 | 3.78 | 238.77 | Increased Feb. 1948 |
| Berge, Einar | Technical Ass't | 125.00 | | 1.25 | 3.78 | 119.97 | Increased January, 1950 |
| Carman, Bertha | Typist | 80.00 | 4.80 | .80 | | 74.40 | Worked $\frac{1}{2}$ time Feb., 1951 |
| Cooper, Vernon | Accountant | 350.00 | 22.60 | 3.50 | 3.78 | 320.12 | Increased Feb., 1951 |
| Dodd, Harold | Engineer | 300.00 | 24.00 | 3.00 | 3.78 | 269.22 | Increased March, 1950 |
| Gamble, Clarence | Engineer | 250.00 | 35.40 | 2.50 | 1.52 | 210.58 | Started October, 1950 |
| Hagert, E. S. | Engineer | 325.00 | 38.30 | 3.25 | 1.52 | 281.93 | Increased March, 1950 |
| LeGore, Robert | Engineer | 275.00 | 39.70 | 2.75 | 1.52 | 231.03 | Increased Feb., 1951 |
| Nichols, Don | Engineer, Ass't Sec'y | 350.00 | 22.60 | 3.50 | 3.78 | 320.12 | Increased March, 1950 |
| Nordstrom, Franz | Foreman | 250.00 | 15.40 | 2.50 | | 232.10 | Increased March, 1950 |
| Olson, Jerry | Rodman | 53.57 | | .54 | | 53.03 | Started Feb. 19, 1951 |
| Orr, F. G. | Bookkeeper | 300.00 | 14.00 | 3.00 | 3.78 | 279.22 | Increased Feb., 1948 |
| Peterson, Winifred | Stenographer | 210.00 | 27.80 | 2.10 | 1.52 | 178.58 | Increased April, 1950 |
| Putz, Roy | Rodman | 140.00 | 15.60 | 1.40 | 1.52 | 121.48 | Started April 19, 1948 |
| Schmitzke, Otto | Foreman-Dam Repair | 225.00 | | 2.25 | | 222.75 | Started April 19, 1950 |
| Sheldon, Marvin | Engineer | 300.00 | 34.00 | 3.00 | 3.78 | 259.22 | Increased March, 1950 |
| Tibke, Gerald | Instrumentman | 225.00 | 30.70 | 2.25 | 1.52 | 190.53 | Increased May 1, 1950 |
| Torvik, Duane | Engineer | 275.00 | 29.70 | 2.75 | 3.78 | 238.77 | Increased March, 1950 |
| Worle, Lorraine | Clerk-Typist | 160.00 | 29.20 | 1.60 | | 129.20 | Started Jan. 1, 1951 |

VSC:bc

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

| Fund No. | Appropriations | Available July 1949 | Expended to Feb. 28, 1951 | Expended March 1951 | Balance March 31, 1951 |
|----------|---|---------------------|---------------------------|---------------------|------------------------|
| 1 | Commissioner's Per Diem and Expenses | \$4,000.00 | \$3,174.81 | \$282.50 | \$542.69 |
| 2 | Administration | 30,000.00 | 27,543.07 | 939.01 | 7,186.48 |
| | Collections and Refunds | 5,668.56 | | | |
| 3 | Maintenance of Existing Dams | 100,000.00 | 121,995.24 | 536.37 | 17,028.01 |
| | Collections and Refunds | 39,559.62 | | | |
| 4 | International and Interstate Commissioner's and Conference Expenses | 12,000.00 | 8,269.10 | Nil | 3,730.90 |
| 5 | Topographic and Conservation, Cooperation with the USGS plus transfers | 33,085.60 | 16,109.64 | Nil | 16,975.96 |
| 6 | Hydrographic Surveys, Coop. with USGS Refund | 20,000.00 | 16,298.88 | 724.61 | 3,067.38 |
| | | 90.87 | | | |
| 7 | Salary-State Engineer | 5,400.00 | 4,500.00 | 225.00 | 675.00 |
| 8 | Construction and Reconstruction - Drains or Irrigations . . | 150,000.00 | 43,091.36 | 1,595.93 | 105,312.71 |
| 9 | Engineering & Geological Survey & Demonstrations, plus transfer | 33,000.00 | 29,060.23 | Nil | 3,939.77 |
| 10 | Cooperation with U.S. Depts., Small projects & for organizing Conservation & Irrig. Dist. plus refunds, less transfer of \$3,000.00 | 132,077.30 | 29,751.54 | Nil | 102,325.76 |
| 11 | Other Investigations, surveys and Etc. | 90,000.00 | 80,390.96 | 4,715.87 | 4,929.93 |
| | Refund | 36.76 | | | |
| 12 | Construction Bond Guaranty Fund | 70,541.00 | _____ | _____ | 70,541.00 |
| | | <u>\$725,459.71</u> | <u>\$380,184.83</u> | <u>\$9,019.29</u> | <u>\$336,255.59</u> |

VSC:bc

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
MONTHLY REPORT OF ACCOUNTS AS OF MARCH 31, 1951
1947-1949 APPROPRIATIONS

| Fund No. | Appropriation | Available July 1949 | Expended to March 31, 1951 | Balance March 31, 1951 |
|----------|---|---------------------|----------------------------|------------------------|
| 1 | Commissioner's Per Diem and Expenses | \$ 4,000.00 | \$ 3,855.35 | \$ 144.65 |
| 2 | Administration | 30,000.00 | 31,721.41 | 3,799.00 |
| | Plus refunds and collections | 5,520.41 | | |
| 3 | Maintenance of Existing Dams | 45,000.00 | 72,132.26 | 76.85 |
| | Plus refunds and donations for dam repairs | 27,209.11 | | |
| 4 | Tri-State Waters and Portion of Administration and Conference Expenses | 1,000.00 | 160.92 | 839.08 |
| 5 | International and Interstate Compacts | 10,000.00 | 8,522.05 | 1,477.95 |
| 6 | Topographic and Conservation Branches, Cooperation with the USGS | 30,000.00 | 30,000.00 | Nil |
| 7 | Hydrographic Survey, Cooperation with the USGS | 20,000.00 | 20,000.00 | Nil |
| 8 | State Engineer's Salary | 5,400.00 | 5,400.00 | Nil |
| 9 | Reconstruction of Drains or Irrigation | 200,000.00 | 123,205.32 | 76,796.68 |
| | Refund | 2.00 | | |
| 10 | Engineering and Geological Surveys, plus transfers | 33,065.70 | 33,065.70 | Nil |
| 11 | Postwar Projects, Cooperation with U.S. Departments | 135,000.00 | 114,284.74 | 37,952.01 |
| | Refund | 17,236.75 | | |
| 12 | Other Investigations, Surveys and Etc. | <u>87,000.00</u> | <u>74,044.06</u> | <u>12,955.94</u> |
| | | <u>\$650,433.97</u> | <u>\$516,391.81</u> | <u>\$134,042.16</u> |

VSC:bc

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

| Fund No. | Year | Appropriations for | Balance Available | Expended to March 31, 1951 | Balance March 31, 1951 |
|----------|------|---|--------------------|----------------------------|------------------------|
| 1 | 1939 | Commissioner's Per Diem | \$ 1,727.00 | \$ 1,552.08 | \$ 174.92 |
| 5 | 1939 | Sponsor's Share of Dam Repairs | 2,088.08 | 439.32 | 1,648.76 |
| 1 | 1941 | Commissioner's Per Diem | 395.00 | N11 | 395.00 |
| 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 Survey | .13 | N11 | .13 |
| 11 | 1945 | Postwar Projects, Cooperation with U.S. Depts. . . | <u>14,813.72</u> | <u>329.06</u> | <u>14,484.66</u> |
| | | | <u>\$19,086.40</u> | <u>\$2,320.46</u> | <u>\$16,765.94</u> |

VSC:bc

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

| Sources of Deposits | Transit No. | Amount Deposited | Expended to March 31, 1951 | Balance March 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 | Wimbledon | \$1,000.00 | | |
| Mountain 100.00 | Fairmount | 1,000.00 | | |
| Maddock 750.00 | Hope | 1,000.00 | | |
| Lakota 1,000.00 | Sharon | 250.00 | | |
| Rolla 750.00 | | | | |
| Devils Lake 7,500.00 | | | | |
| Aneta 1,000.00 | | | | |
| Litchville 1,000.00 | | | | |
| Wyndmere 1,000.00 | | | | |
| Portland 500.00 | | | | |
| Kindred 1,000.00 | | | | |
| Mylo 250.00 | | | | |
| Neché 300.00 | | | | |
| Transfer .10 | | | | |
| St. John 750.00 | | | | |
| Streeter 1,000.00 | | | | |
| Mohall 1,000.00 | | | | |
| Richardton 750.00 | | | | |
| Portland 200.00 | | | | |
| Bowbells 1,000.00 | | | | |
| Michigan 580.00 | 501-128 | \$24,630.60 | \$15,540.56 | 9,140.04 |
| Sale of N. Dak. Water Development Books | 501-127 | 2,770.67 | 1.25 | <u>2,769.42</u> |
| VSC:bc | TOTAL OF ALL BANK OF NORTH DAKOTA DEPOSITS AS OF MARCH 31, 1951 | | | <u>\$13,342.49</u> |

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

| Name | Duties | Salary for March | Withhold- ing Tax | N. D. OASIS | Hosp. Ins. | Net Pay | Remarks |
|--------------------|-----------------------|---------------------|----------------------|----------------|---------------|------------|-------------------------------------|
| Walsh, J. J. | Sec'y State Engineer | \$435.00 | \$37.40 | \$4.35 | \$3.78 | \$389.47 | Increased March, 1950 |
| Acker, Iver | Administrative Ass't | 350.00 | 42.60 | 3.50 | 3.78 | 300.12 | Started Jan. 1, 1949 |
| Anderson, Albin | Engineer | 275.00 | 29.70 | 2.75 | 3.78 | 238.77 | Increased Feb. 1948 |
| Berge, Einar | Technical Ass't | 125.00 | | 1.25 | 3.78 | 119.97 | Increased January, 1950 |
| Carman, Bertha | Typist | 80.00 | 4.80 | .80 | | 74.40 | Worked $\frac{1}{2}$ time Mar. 1951 |
| Cooper, Vernon | Accountant | 350.00 | 22.60 | 3.50 | 3.78 | 320.12 | Increased Feb., 1951 |
| Dodd, Harold | Engineer | 300.00 | 24.00 | 3.00 | 3.78 | 269.22 | Increased March, 1950 |
| Gamble, Clarence | Engineer | 250.00 | 35.40 | 2.50 | 1.52 | 210.58 | Started October, 1950 |
| Hagert, E. S. | Engineer | 325.00 | 38.30 | 3.25 | 1.52 | 281.93 | Increased March, 1950 |
| LeGore, Robert | Engineer | 275.00 | 39.70 | 2.75 | 1.52 | 231.03 | Increased Feb., 1951 |
| Nichols, Don | Engineer, Ass't Sec'y | 350.00 | 22.60 | 3.50 | 3.78 | 320.12 | Increased March, 1950 |
| Nordstrom, Franz | Foreman | 250.00 | 15.40 | 2.50 | | 232.10 | Increased March, 1950 |
| Olson, Jerry | Rodman | 150.00 | 17.00 | 1.50 | | 131.50 | Started Feb. 19, 1951 |
| Orr, F. G. | Bookkeeper | 300.00 | 14.00 | 3.00 | 3.78 | 279.22 | Increased Feb., 1948 |
| Peterson, Winifred | Stenographer | 210.00 | 27.80 | 2.10 | 1.52 | 178.58 | Increased April, 1950 |
| Putz, Roy | Rodman | 140.00 | 15.60 | 1.40 | 1.52 | 121.48 | Started April 19, 1948 |
| Schmitzke, Otto | Foreman-Dam Repair | 225.00 | | 2.25 | | 222.75 | Started April 19, 1950 |
| Sheldon, Marvin | Engineer | 300.00 | 34.00 | 3.00 | 3.78 | 259.22 | Increased March, 1950 |
| Tibke, Gerald | Instrumentman | 225.00 | 30.70 | 2.25 | 1.52 | 190.53 | Increased May 1, 1950 |
| Torvik, Duane | Engineer | 275.00 | 29.70 | 2.75 | 3.78 | 238.77 | Increased March, 1950 |
| Worle, Lorraine | Clerk-Typist | 160.00 | 29.20 | 1.60 | | 129.20 | Started Jan. 1, 1951 |