

MINUTES OF MEETINGS OF THE  
STATE WATER CONSERVATION COMMISSION

Held at the North Dakota State Capitol, Bismarck, North Dakota  
March 21, 1950

The Members of the State Water Conservation Commission assembled in the Governor's Conference room at 2:00 o'clock p.m. on March 21, to hear a report on the Bowbells Unit, not for public release, by Kenneth F. Vernon, Regional Director of the U.S. Bureau of Reclamation, Billings, Montana, and members of his staff.

At 4:30 o'clock p.m. of the same day the Members of the Commission reconvened in the Blue Room of the State Capitol to meet with Representatives of the Bowman-Haley project and Kenneth F. Vernon, Regional Director of the U.S. Bureau of Reclamation, Billings, Montana, to consider the construction of the Bowman-Haley dam and reservoir for the storage of water for irrigation and other multiple purpose uses. The delegation of twenty members from the Bowman-Haley project area consisted of a majority of farmers.

The meeting was called to order by Governor Fred G. Aandahl, who stated that the purpose of the meeting was to make additional information available to Mr. Vernon's office at Billings. The Governor informed those present that the Water Commission had passed a "Resolution" approving the construction of a dam and reservoir as a multiple purpose project, known as the Bowman-Haley project, on the North Fork of the Grand River.

Mr. Vernon stated that at a previous meeting with a small group from the Bowman-Haley project, that the Bowman-Haley people had indicated their interest in water development but not particularly in irrigation. He was of the opinion that this project could qualify for construction under some reclamation law by classifying it in a more specific group.

Mr. George Odegaard, President of the Southwest Water Development Association, Scranton, was spokesman for the Bowman-Haley group. He said that although Haley Dam is not a new project, their interest now lay particularly in the storage of flood waters for irrigation purposes in Haley Dam. He referred Mr. Vernon to the farmers as to how they felt with regard to the construction of the Haley Dam.

Mr. Vernon stated they would like to have a review as to just what the past interest had been in the project.

Mr. Odegaard: Just what would you like to have them give you?

Mr. Vernon: I have in mind particularly before construction is undertaken, an irrigation district must be formed and a contract entered into.

Mr. Odegaard: Frank Palczewski is a member of the irrigation district board. The district was organized in 1933 and has been reorganized.

Frank Palczewski: We have an irrigation system which will be naturally under ditch if irrigation goes through. We have put in an application to use a sprinkler system. We get one good irrigation from the spring thaw, as the river can not be dammed by the individual. There is good land right in the river bottom, but at present it is not good for alfalfa as it is too rough, which is caused by ice and dirt overflowing during spring runoff. I would be in favor of irrigation.

Mr. Vernon: At \$4.50 an acre, operation, maintenance and construction cost, would you be willing to enter into a repayment contract?

Frank Palczewski: Yes I would, for a guarantee of water.

Mr. Vernon: How much more would you be willing to pay?

Frank Palczewski: The valuation of land would probably double. I think, personally, that \$4 or \$5 is a very small sum to pay for water.

Mr. Odegaard then called upon Frank Kromarek for his remarks.

Frank Kromarek: It is a good place for a dam, as good as one could find. Southwest Bowman County is the driest in the state according to the weather map. We have good water and land and a good place to build a dam.

Mr. Vernon: What is your average holding within the district, or the size of plots that might be irrigated by any one man?

Frank Kromarek: My place alone has 250 acres.

Mr. Vernon: How much would be irrigated?

Frank Kromarek: The whole.

George Odegaard: What surplus he had would benefit everybody in the county that way, all along up and down the river.

Mr. Vernon: How many acres of land, off hand, in this District would be under irrigation?

Mr. Odegaard: From 5,000 to 7,000 acres. According to Reclamation, 3,800 acres is all the water we have to irrigate with.

Mr. Vernon: The critical years are the ones in which to build an irrigation project. You have to design the project in terms of water supply in critical years.

Mr. Odegaard: A lot of the farmers have more than 250 acres.

Mr. Vernon: The Bureau of Reclamation does not go toward irrigating land to support the livestock industry. 160 acres is all that is allowed any one ownership, or 320 acres for man and wife. If after irrigable areas are determined and your ownership is more than that you could not get any more water, you could either not take the water or dispose of the excess land.

Mr. Odegaard: I feel this way, that 40 or 50 acres would be insured of an adequate water supply and the owner should be willing to sell at a reasonable price any amount he might not need to keep his foundation herd of livestock.

Mr. Vernon: You are not thinking of concentrating on an irrigation project on which farmers are living directly on the land. You are thinking of feed as a basis for large range holdings.

Mr. Harold Hanson of Reeder was then called upon to express his views on the matter.

Harold Hanson: The feeder and the buyer are curtailed in getting hay, consequently a lot of stock is shipped to the eastern states and finished. Where it is reasonably sure that there is a surplus, we would probably expand our feedings a lot more. Having hay 15 to 20 miles away would help to stabilize the livestock industry. Haley Dam will enable us to hold our breeding stock over critical years.

Bill Krebsbach of Reeder, an irrigation farmer, was also asked to give his ideas on the subject.

Bill Krebsbach: I have around 200 head of cattle. I have no fall or winter range so do a lot of feeding.

Mr. Vernon: How much land do you irrigate?

Mr. Krebsbach: 100 acres of alfalfa. I cut the crop of alfalfa three times so have to have plenty of water.

Mr. Vernon: How long have you irrigated land?

Mr. Krebsbach: Since 1936-37. It is on the Cedar River. I have irrigated some of it since 1936.

Mr. Vernon: How many irrigations do you give it?

Mr. Krebsbach: It gets only one irrigation. I find this extra good soil.

Mr. Vernon: Is it free draining?

Mr. Krebsbach: Yes. We have done quite a little work up the Cedar.

Mr. Vernon: Where is this land located?

Mr. Krebsbach: Straight south and 3 miles west of New England, right below the Cedar Dam. There is a natural drainage all along the Grand River. I took a water test of that last fall, it is mostly spring water that time of year. They find that the water has more mineral content at that time of year, and the water tested o.k.

Mr. Vernon: Where was the water analyzed?

Mr. Krebsbach: At Bismarck.

Mr. Vernon: We have organized the Bureau of Reclamation on drainage basin lines. The study of the Grand River and its tributaries comes under the South Dakota office. I have asked the South Dakota office to look into the Grand River project. I can't say specifically what they have done since that time. It has been included in our work program to see what could be worked out. I would like very much to have some material indicating that you folks really mean business. Even under personal difficulties the Reclamation law would cause for you, you would meet your side of the bargain as to meeting excess land laws and the repayment contract?

Mr. Vernon was handed numerous letters from residents living in the Bowman-Haley project area, requesting construction of the dam.

Mr. Vernon: There seems to be an interest in everything but our field.

Mr. Odegaard: The dam has been an irrigation project since the earliest part of the century. Its primary purpose was for irrigation. Flood control came later. The ditches at one time were surveyed for irrigation.

Mr. Vernon: For the amount of lands, the costs were too excessive. Under the Missouri Basin plan it is possible to relieve the farmers of some of the charges. Under the new legislation now pending it could be included under a new purpose to work it down whereas charges would not be excessive to the land.

Mr. Vernon: I have asked Mr. Joe Grimes, District Director at Huron, South Dakota, to include this in his investigation of the Grand River. His territory runs up into North Dakota as far as the Grand River drainage is concerned. Mr. Johnson does not consider projects on the Grand River in North Dakota.

Mr. Odegaard: Would South Dakota then be considered prior to North Dakota?

Mr. Vernon: The Bureau of Reclamation does not think in terms of state lines. On the Bowman-Haley project the biggest problem is water. One irrigation district has been surveyed in North Dakota and one in South Dakota. The man who worked on it would come out of Lemmon.

Mr. Reiger was called upon to speak, by George Odegaard.

Mr. Reiger: I would like to see an irrigation system go in so we could get hay.

Governor Aandahl recommended that the Bowman-Haley people draw up a resolution stating that the undersigned as respective water users would be willing to pay a reasonable rental charge, and pass the resolution to live up to the required acreage.

Mr. Vernon agreed to send someone over and have a public meeting in order to have some things explained. Letters were to be directed to J. E. Crawford, Secretary of the Haley Irrigation District.

Mr. Vernon: At such a meeting get as many farmers there as you can—their lands are involved. Have direct petitions by your farm groups. I suggest you have farm people there who will be involved in it.

Mr. J.E. Crawford: We have had sufficient rains to raise a crop during the last years, and all farmers are very prosperous. Before the 40's most every farmer was broke, during the 30's when we had the drought years. It was simply due to rainfall. The last years we have had a good start. We can continue to be prosperous if we can get the water.

Mr. Odegaard: What is the possibility of getting a survey?

Mr. Vernon: I have asked Mr. Grimes to include this investigation in his program. I can not say what actual work he has programmed on it. I am hoping we can make money available this summer. The survey will be made under Mr. Grimes's supervision.

Ques. from Member of Group: If a farmer had 500 acres of land and he was limited to 320, does he have to sell?

Mr. Vernon: If he is in an irrigation district, because of the assessment charges, the lands necessarily have to be served with water. (O & M charges). At the time irrigation water is available he is entering into a contract where he proposes to sell the land if he can find a suitable buyer within that time—within from 5 to 10 years. He cannot hold it indefinitely.

Mr. Odegaard: Speaking on behalf of the Southwest Water Development Association and the Haley Irrigation District, we shall be glad to do whatever we can to help out in getting this survey made and to make arrangements for the meeting.

Mr. Vernon promised to notify Mr. Grimes to contact the Bowman-Haley people with regard to holding a meeting around the 10th day of April.

The meeting recessed at 5:30 o'clock, and the Members of the Water Commission assembled in the Office of the Governor to consider the business on the Agenda.

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ATTENDANCE AT A SPECIAL MEETING HELD IN THE BLUE ROOM OF THE NORTH DAKOTA STATE CAPITOL, MARCH 21, 1950, TO CONSIDER THE CONSTRUCTION OF HALEY DAM AND RESERVOIR

Members of State Water Conservation Commission:

Hon. Fred G. Aandahl, Governor and Ex Officio Chairman  
Einar H. Dahl, Watford City, North Dakota  
S. W. Thompson, Vice Chairman, Devils Lake, North Dakota  
Curtis Olson, Valley City, North Dakota

U. S. Bureau of Reclamation:

Kenneth F. Vernon, Regional Director, Billings, Montana  
W. W. Palmer, District Supervisor, Bismarck, North Dakota

Bowman-Haley Delegation:

Dale E. Buckman, Gascoyne, North Dakota  
M. S. Byrne, Bowman, " "  
G. L. Weeks, Haley, " "  
Earl Krinke, Haley, " "  
Ole Dahl, Scranton, " "  
Michael Reiger, Scranton, " "  
W. D. Coolidge, Scranton, " "  
J. E. Nelson, Haley, " "  
J. E. Crawford, Haley, " "  
E. J. Estlack, Scranton, " "  
Stanley Palczewski, Scranton, " "  
Frank Gruber, Haley, " "  
Adolph F. Pecinovsky, Haley, " "  
George Odegaard, Scranton, " "  
W. B. Taylor, Bowman, " "  
H. L. Hanson, Reeder, " "  
E. C. Sahlstrom, Hettinger, " "  
W. T. Krebsbach, Reeder, " "  
Frank Krompareck, Scranton, " "  
Frank Palczewski, Scranton, " "

23.

Upon consideration of the Minutes of the February 27 meeting of the State Water Conservation Commission, it was moved by Commissioner Thompson and seconded by Commissioner Bahl that the Minutes stand approved. Motion carried.

The financial statements for the month of February, 1950, were examined by the Members of the State Water Conservation Commission and Commissioner Olson moved they be adopted and filed, which motion was seconded by Commissioner Einar Dahl. Motion carried.

Attorney I. A. Acker and Mr. Einar Berge, Publicity Manager for the Commission, were delegated to attend the Missouri-Souris Projects Association meeting at Minot on March 22, 1950, as representatives of the State Water Commission.

The Members of the State Water Conservation Commission were notified that Sivert Thompson, Devils Lake, Vice-Chairman of the State Water Commission, and A. M. Christensen, Minot, also a member of the Commission, had been appointed by Governor Aandahl to represent the Water Commission and appear as delegates before the Senate Appropriations Committee in Washington sometime in April, in behalf of the appropriations for the Missouri-Souris project for the fiscal year 1951.

Correspondence from Kenneth M. McIntyre, Chairman of the Rush River Water Conservation and Flood Control District of Cass County, was read in which Mr. McIntyre requested assistance in qualifying their project on a 40% matching basis for funds which the Water Commission has for doing drainage work. The Commission requested the Secretary to write Mr. McIntyre that the Water Commission has agreed to make an amount available to the District not to exceed \$1,500, this amount to be matched on a 40-60 basis, the District paying 60% and the Water Commission 40% for construction purposes, none of these funds to be used for maintenance purposes.

Governor Aandahl informed the Commissioners that he had written to North Dakota Senator Milton R. Young notifying him that the North Dakota State Water Conservation Commission on motion had approved the naming of the reservoir above the Baldhill Dam as Lake Ashtabula, and had requested him to introduce the necessary bills to accomplish this purpose.

Commissioner Thompson made a motion that the Water Commission request Mr. Fred J. Fredrickson to represent the Commission and appear before the Board of Engineers for Rivers and Harbors and request that an extension of time be granted for further study and investigation, in order that they may submit additional information with regard to the advisability of improvement of the Pembina River and tributaries. The motion was seconded by Commissioner Dahl. Motion carried. The Secretary was instructed to notify Mr. Fredrickson, at Washington, D.C., of their decision.

Upon motion of Commissioner Einar Dahl, the Supplemental Agreement between the Montana-Dakota Utilities Company and the State Water Conservation Commission for furnishing natural gas to the Sioux Irrigation Project No. 213 was approved as amended in Section 9, to remain in force for a period of five years from and after the 29th day of April, 1950, according to the Agreement as submitted by the Montana-Dakota Utilities Company. The Chairman and Secretary were instructed to sign the Agreement. The motion was seconded by Commissioner Thompson. Upon call of the roll, Commissioners Thompson, Einar Dahl, Olson and Governor Aandahl all voted unanimously in favor of the motion. Motion carried.

It was moved by Commissioner Einar Dahl and seconded by Commissioner Olson that the Commission after consideration of the Attorney General's opinion that the refunds of the U. S. Bureau of Reclamation on Contract #1-79r-1031 shall be deposited with the State Treasurer be approved. Motion carried.

A motion was made by Commissioner Olson and seconded by Commissioner Thompson, that Commissioner Einar Dahl and Secretary Walsh be authorized to contact Mr. T. W. Sette, Manager of the Credits Department of the Bank of North Dakota, concerning the investment

of \$5,000 of Series J. Sinking Fund cash in U. S. Government Savings Bonds, and arrange to invest this sum in U. S. Savings Bonds at 2½%, to mature March 1, 1962. After investing this \$5,000 in U. S. Government bonds, a cash balance of \$534.76 will remain in the sinking fund and a total of \$70,000 of the sinking fund will be invested in U.S. Government Savings Bonds at 2½% Series G. Upon roll call by the Chairman Commissioners Thompson, Einar Dahl, Olson and Governor Aandahl all voted aye. Motion carried.

Action was taken on a request from Mr. R. N. Erickson, Cartwright, North Dakota, inquiring whether Mr. F. W. Erickson had a water-right giving him permit to appropriate water in connection with his project, No. 14. The Commission instructed the Secretary to prepare the necessary order transferring the water-right to Mr. F. W. Erickson. The Commissioners referred this matter to Attorney Acker for his opinion.

As there was no further business on the Agenda to be considered, the meeting adjourned at 6:30 o'clock p.m.

Respectfully submitted,

  
Secretary

ATTEST:

  
Chairman

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

Fund No.	Appropriation for	Available July 1949	Expended to Feb. 28, 1950	Expended Mar. 1950	Balance Mar. 31, 1950
1	Commissioner's Per Diem and Expenses . . . . .	\$ 4,000.00	\$ 1,538.10	\$ 204.31	\$ 2,257.59
2	Administration . . . . .	30,000.00	13,301.39	1,282.88	18,748.28
	Collections and Refunds . . . . .	3,332.55			
3	Maintenance of Existing Dams . . . . .	100,000.00			
	Collections and Refunds . . . . .	21,506.94	45,413.63	604.74	75,488.57
4	International and Interstate Commissioner's and Conference Expense . . . . .	12,000.00	3,450.09	211.95	8,337.96
5	Topographic and Conservation Cooperation with the U.S. Geological Survey . . . . .	30,000.00	7,163.46	2,336.55	20,499.99
6	Hydrographic Surveys, Coop. with U.S.G.S. . . . .	20,000.00	6,066.39	925.22	13,099.26
	Refund . . . . .	90.87			
7	Salary-State Engineer . . . . .	5,400.00	1,800.00	225.00	3,375.00
8	Construction and Reconstruction - Drains or Irrigations . .	150,000.00	11,514.92	9,908.31	128,576.77
9	Engineering & Geological Survey & Demonstrations . . . . .	30,000.00	14,326.61	Nil	15,673.39
10	Cooperation with U.S. Dept., Small projects & for organizing Conservation & Irrigation Districts . . .	135,000.00	725.00	604.61	133,670.39
11	Other Investigations, Surveys and Etc. . . . .	90,000.00	32,966.23	3,991.16	53,079.37
	Refund . . . . .	36.76			
12	Construction Bond Guaranty Fund . . . . .	70,541.00			70,541.00
		<u>\$ 701,908.12</u>	<u>\$ 138,265.82</u>	<u>\$ 20,294.73</u>	<u>\$ 543,347.57</u>

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NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
 MONTHLY REPORT OF ACCOUNTS AS OF MARCH 31, 1950  
 1947-1949 APPROPRIATIONS

Fund No.	Appropriation	Available July 1949	Expended to Mar. 31, 1950	Balance Mar. 31, 1950
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		
	Plus refunds and donations for dam repairs . . . . .	27,209.11	72,132.26	76.85
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. Geological Survey . . . . .	30,000.00	25,877.77	4,122.23
7	Hydrographic Surveys, Cooperation with the U.S. Geological Survey . . . . .	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	105,353.59	94,648.41
	Refund . . . . .	2.00		
10	Engineering and Geological Surveys and Demonstrations . . . . .	30,000.00	30,000.00	Nil
11	Postwar Projects, Cooperation with U. S. Departments . . . . .	135,000.00	104,284.74	47,952.01
	Refund . . . . .	17,236.75		
12	Other Investigations, Surveys & Etc. . . . .	<u>90,000.00</u>	<u>74,044.06</u>	<u>15,955.94</u>
		<u>\$ 650,368.27</u>	<u>\$ 498,515.90</u>	<u>\$ 169,056.12</u>

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NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
BALANCES OF PRIOR FUNDS RECOVERED BY OPINION OF  
ATTORNEY GENERAL AND UNDER SECTION 54-2709  
AS OF MARCH 31, 1950

Fund No.	Year	Appropriations for	Balance Available	Expended in Mar. 31, 1950	Balance Mar. 31, 1950
1	1939	Commissioner's Per Diem . . . . .	\$ 1,757.00	\$ Nil	\$ 1,757.00
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 Waters. 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>\$ 19,116.40</u>	<u>\$ 768.38</u>	<u>\$ 18,348.02</u>

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NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
 DEPOSITS IN THE BANK OF NORTH DAKOTA  
 AS OF MARCH 31, 1950

Source of Deposits	Transit No.	Amount Deposited	Expended to Feb. 28, 1949	Expended March	Balance Mar. 31, 1950
Collections on Yellowstone Pumping Irrigation District \$3,500.00 warrant. Interest paid to 10-1-44: Tax collections to Jan. 31, 1949.		\$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			
Wynndere		1,000.00			
Portland		500.00			
Kindred		1,000.00			
Mylp		250.00			
Nechs		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			
Wimbledon		1,000.00			
Fairmount		1,000.00			
	501-128	\$ 23,430.60	\$15,540.56		7,890.04
Sale of N. Dak. Water Development Books	501-127	2,770.67	1.25		<u>2,769.42</u>
<b>TOTAL OF ALL BANK OF NORTH DAKOTA DEPOSITS AS OF MARCH 31, 1950</b>					<b><u>\$ 11,959.15</u></b>

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PAYROLL OF  
NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
MARCH 1950

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	\$ 31.00	\$ 4.35	\$ 3.78	\$ 395.87	Increased Mar. 1950
Acker, Iver	Administrative Ass't	350.00	35.40	3.50	3.78	307.32	Started Jan. 1, 1949
Anderson, Albin	Engineer	250.00	21.00	2.50	3.78	222.72	Increased Feb. 1948
Berge, Einar	Technical Ass't	125.00		1.25	3.78	119.97	Increased Jan. 1950
Garman, Bertha	Typist	75.00	7.05	.75		67.20	Worked 3 days in Mar.
Cooper, Vernon	Accountant	325.00	23.50	3.25	3.78	294.47	Increased Mar. 1950
Dodd, Harold	Engineer	300.00	19.90	3.00	3.78	273.32	Increased March 1950
Gamble, Clarence	Instrumentman	250.00	29.30	2.50		218.20	Increased March 1950
Hagert, E. S.	Engineer	325.00	31.80	3.25		289.95	Increased March 1950
Lechner, Robert	Rodman	160.00	15.90	1.60		142.50	Increased March 1950
Nichols, Don	Engineer, Ass't Sec'y	350.00	27.10	3.50	3.78	315.62	Increased March 1950
Nordstrom, Franz	Foreman	250.00	12.70	2.50		234.80	Increased March 1950
Olson, A. Peter	Engineer	96.77	11.34	.97		84.46	Started Apr. 20, 1950
Orr, F. G.	Bookkeeper	300.00	11.60	3.00	3.78	281.62	Increased Feb. 1948
Peterson, Winifred	Stenographer	200.00	21.90	2.00	1.52	174.58	Increased Dec. 1948
Puts, Roy	Rodman	140.00	12.90	1.40		125.70	Started Apr. 19, 1948
Sanford, Leonard	Foreman	300.00	19.90	3.00		277.10	Started April 1, 1950
Schmitzke, Otto	Garden Foreman	225.00		2.25		222.75	Started Apr. 19, 1950
Sheldon, Marvin	Engineer	300.00	36.50	3.00	1.52	258.98	Increased March 1950
Tibke, Gerald	Instrumentman	185.00	19.50	1.85		163.65	Increased Feb. 1949
Torkelson, Joyce	Stenographer	150.00	14.10	1.50	1.52	132.88	Started Oct. 1, 1949
Torvik, Duane	Engineer	275.00	24.60	2.75	3.78	243.87	Increased March 1950

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NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
 MONTHLY REPORT OF ACCOUNTS AS OF APRIL 30, 1950  
 1949-1951 APPROPRIATIONS

Fund No.	Appropriation for	Available July 1949	Expended to Mar. 31, 1950	Expended April 1950	Balance April 30, 1950
1	Commissioner's Per Diem and Expenses . . . . .	\$ 4,000.00	\$ 1,742.41	\$ 248.37	\$ 2,009.22
2	Administration . . . . .	30,000.00	14,584.27	899.31	17,881.57
	Collections and Refunds . . . . .	3,365.15			
3	Maintenance of Existing Dams . . . . .	100,000.00	46,018.37	1,270.87	74,217.70
	Collections and Refunds . . . . .	21,506.94			
4	International and Interstate Commissioner's and Conference Expense . . . . .	12,000.00	3,653.35	967.43	7,379.22
5	Topographic and Conservation Cooperation with the U. S. G. S. plus transfers . . . . .	33,085.60	9,500.01		23,585.59
6	Hydrographic Surveys, Coop. with U.S.G.S. . . . .	20,000.00	6,991.61	1,081.34	12,017.92
	Refund . . . . .	90.87			
7	Salary-State Engineer . . . . .	5,400.00	2,025.00	225.00	3,150.00
8	Construction and Reconstruction - Drains or Irrigations . . .	150,000.00	21,623.23	Nil	128,576.77
9	Engineering & Geological Survey & Demonstrations . . . . .	30,000.00	14,326.61	2,902.84	12,770.55
10	Cooperation with U.S. Dept., small projects & for organizing Conservation & Irrigation Districts . . . . .	135,000.00	1,329.61	570.37	133,100.02
11	Other Investigations, Surveys and Etc. . . . .	90,000.00	36,957.39	4,446.12	48,633.25
	Refund . . . . .	36.76			
12	Construction Bond Guaranty Fund . . . . .	70,541.00			70,541.00
		<u>\$ 705,026.32</u>	<u>\$ 158,551.85</u>	<u>\$ 12,611.65</u>	<u>\$ 533,862.82</u>

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NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
 MONTHLY REPORT OF ACCOUNTS AS OF APRIL 30, 1950  
 1947-1949 APPROPRIATIONS

Fund No.	Appropriation	Available July 1949	Expended to Apr. 30, 1950	Balance Apr. 30, 1950
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		
	Plus refunds and donations for dam repairs . . . . .	27,209.11	72,132.26	76.85
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. Geological Survey . . . . .	30,000.00	30,000.00	Nil
7	Hydrographic Surveys, Cooperation with the U.S. Geological Survey . . . . .	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	114,614.12	85,387.88
	Refund . . . . .	2.00		
10	Engineering and Geological Surveys and Demonstration . . . . .	30,000.00	30,000.00	Nil
11	Postwar Projects, Cooperation with U.S. Departments . . . . .	135,000.00	104,284.74	47,952.01
	Refund . . . . .	17,236.75		
12	Other Investigations, Surveys, & Etc. . . . .	<u>90,000.00</u>	<u>74,044.06</u>	<u>15,955.94</u>
		<u>\$ 650,368.27</u>	<u>\$ 494,734.91</u>	<u>\$ 155,633.36</u>

VSC:bc

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
BALANCES OF PRIOR FUNDS RECOVERED BY OPINION OF  
ATTORNEY GENERAL AND UNDER SECTION 54-2709  
AS OF APRIL 30, 1950

Fund No.	Year	Appropriations for	Balance Available	Expended to Apr. 30, 1950	Balance Apr. 30, 1950
1	1939	Commissioner's Per Diem . . . . .	\$ 1,757.00	Nil	\$ 1,757.00
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>\$ 19,116.40</u>	<u>\$ 768.38</u>	<u>\$ 18,348.02</u>

VSC:bc

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
 DEPOSITS IN THE BANK OF NORTH DAKOTA  
 AS OF APRIL 30, 1950

Source of Deposits	Transit No.	Amount Deposited	Expended to Mar. 31, 1950	Expended April	Balance Apr. 30, 1950
Collections on Yellowstone Pumping Irrigation District \$3,500.00 warrant. Interest paid to 10-1-44; Tax collections to Jan. 31, 1949.		\$ 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			
Mylo		2850.00			
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			
Wimbledon		1,000.00			
Fairmount		1,000.00			
Hope		1,000.00			
	501-128	\$ 24,430.60	\$ 15,540.56		8,890.04
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 APRIL 30, 1950					<u>\$ 12,959.15</u>

VSC:bc



PAYROLL OF  
NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
APRIL 1950

Name	Duties	Salary for April	Withhold- ing tax	N. D. GASIS	Hosp. Ins.	Net Pay	Remarks
Walsh, J. J.	Sec'y-State Engineer	\$ 435.00	\$ 31.00	\$ 4.35	\$ 3.78	\$ 395.87	Increased March 1950
Acker, Iver	Administrative Ass't	350.00	35.40	3.50	3.78	307.32	Started Jan. 1, 1949
Anderson, Albin	Engineer	250.00	21.00	2.50	3.78	222.72	Increased Feb. 1948
Berge, Einar	Technical Ass't	125.00		1.25	3.78	119.97	Increased Jan. 1950
Carman, Bertha	Typist	75.00	7.05	.75		67.20	Worked $\frac{1}{2}$ days in March
Cooper, Vernon	Accountant	325.00	23.50	3.25	3.78	294.47	Increased March 1950
Dodd, Harold	Engineer	300.00	19.90	3.00	3.78	273.32	Increased March 1950
Gamble, Clarence	Instrumentman	250.00	29.30	2.50		218.20	Increased March 1950
Hagert, E. S.	Engineer	325.00	21.80	3.25	1.52	288.43	Increased March 1950
Lechner, Robert	Rodman	175.00	17.70	1.75		155.55	Increased April 1950
Nichols, Don	Engineer, Ass't Sec'y	350.00	27.10	3.50	3.78	315.62	Increased March 1950
Nordstrom, Frans	Foreman	250.00	12.70	2.50		234.80	Increased March 1950
Olson, A. Peter	Engineer	250.00	29.30	2.50		218.20	Started April 20, 1950
Orr, F. G.	Bookkeeper	300.00	11.60	3.00	3.78	281.62	Increased February 1948
Peterson, Winifred	Stenographer	210.00	23.10	2.10	1.52	183.28	Increased April 1950
Putz, Roy	Rodman	140.00	12.90	1.40	1.52	124.18	Started April 19, 1948
Sanford, Leonard	Foreman	300.00	19.90	3.00		277.10	Started April 1, 1950
Schmitzke, Otto	Garden Foreman	225.00		2.25		222.75	Started April 19, 1950
Sheldon, Marvin	Engineer	300.00	36.50	3.00	1.52	258.98	Increased March 1950
Tibke, Gerald	Instrumentman	185.00	19.50	1.85	1.52	162.13	Increased February 1949
Torkelson, Joyce	Stenographer	160.00	15.90	1.60	1.52	140.98	Increased April 1950
Torvik, Duane	Engineer	275.00	24.60	2.75	3.78	243.87	Increased March 1950

VSC:bc

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

Fund No.	Appropriation	Available July 1949	Expended to May 31, 1950	Expended May 1950	Balance May 31, 1950
1	Commissioner's Per Diem and Expenses . . . . .	\$ 4,000.00	\$ 1,990.78	\$	\$ 2,009.22
2	Administration . . . . .	30,000.00	15,483.58	1,274.73	16,654.84
	Collections and Refunds . . . . .	3,413.15			
3	Maintenance of Existing Dams . . . . .	100,000.00	47,289.24	1,968.79	72,248.91
	Collections and Refunds . . . . .	21,506.94			
4	International and Interstate Commissioner's and Conference Expense . . . . .	12,000.00	4,620.78	639.16	6,740.06
5	Topographic and Conservation Cooperation with the U.S.G.S. plus transfers . . . . .	33,085.60	9,500.01	977.75	22,607.84
6	Hydrographic Surveys, Coop. with U.S.G.S. . . . .	20,000.00	8,072.95	636.16	11,381.76
	Refund . . . . .	90.87			
7	Salary-State Engineer . . . . .	5,400.00	2,250.00	225.00	2,925.00
8	Construction and Reconstruction - Drains or Irrigations . . .	150,000.00	21,423.23		128,576.77
9	Engineering & Geological Survey & Demonstrations . . . . .	30,000.00	17,229.45	248.63	12,521.92
10	Cooperation with U.S. Dept., small projects & for organizing Conservation & Irrigation Districts . . . .	135,000.00	1,899.98	690.75	132,409.27
11	Other Investigations, Surveys and Etc. . . . .	90,000.00	41,403.51	3,588.61	45,044.64
	Refund . . . . .	36.76			
12	Construction Bond Guaranty Fund . . . . .	<u>70,541.00</u>	<u>          </u>	<u>          </u>	<u>70,541.00</u>
		<u>\$ 705,074.32</u>	<u>\$ 171,163.51</u>	<u>\$ 10,249.58</u>	<u>\$ 523,661.23</u>

VSC:bc

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
 MONTHLY REPORT OF ACCOUNTS AS OF MAY 31, 1950  
 1947-1949 APPROPRIATIONS

Fund No.	Appropriation	Available July 1949	Expended to May 31, 1950	Balance May 1950
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		
	Plus refunds and donations for dam repairs . . . . .	27,209.11	72,132.26	76.85
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. Geological Survey . . . . .	30,000.00	30,000.00	Nil
7	Hydrographic Surveys, Cooperation with the U. S. Geological Survey . . . . .	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	114,931.42	85,070.58
	Refund . . . . .	2.00		
10	Engineering and Geological Surveys and Demonstration . . . . .	30,000.00	30,000.00	Nil
11	Postwar Projects, Cooperation with U.S. Departments . . . . .	135,000.00	104,284.74	47,952.01
	Refund . . . . .	17,236.75		
12	Other Investigations, Surveys, & Etc. . . . .	90,000.00	74,044.06	15,955.94
		<u>\$ 650,368.27</u>	<u>\$ 495,052.21</u>	<u>\$ 155,316.06</u>

VSC:bc

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
BALANCES OF PRIOR FUNDS RECOVERED BY OPINION OF  
ATTORNEY GENERAL AND UNDER SECTION 54-2709  
AS OF MAY 31, 1950

Fund No.	Year	Appropriations for	Balance Available	Expended to May 31, 1950	Balance May 31, 1950
1	1939	Commissioner's Per Diem . . . . .	\$ 1,757.00	Nil	\$ 1,757.00
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>\$ 19,116.40</u>	<u>\$ 768.38</u>	<u>\$ 18,348.02</u>

VSC:bc

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
 DEPOSITS IN THE BANK OF NORTH DAKOTA  
 AS OF MAY 31, 1950

Source of Deposits	Transit No.	Amount Deposited	Expended to April 30, 1950	Expended May 1950	Balance May 31, 1950
Collections 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			
Neches		300.00			
Transfer		.16			
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			
Wimbledon		1,000.00			
Fairmount		1,000.00			
Hope		1,000.00			
	501-128	\$ 24,430.60	\$ 15,540.56		8,890.04
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 MAY 31, 1950					\$ <u>12,959.15</u>

VSC:bc

PAYROLL OF  
NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
MAY 1950

Name	Duties	Salary for May	Withhold- ing tax	N. D. OASIS	Hosp. Ins.	Net Pay	Remarks
Walsh, J. J.	Sec'y-State Engineer	\$ 435.00	\$ 31.00	\$ 4.35	\$ 3.78	\$ 395.87	Increased March 1950
Acker, Iver	Administrative Ass't	350.00	35.40	3.50	3.78	307.32	Started Jan. 1, 1949
Anderson, Albin	Engineer	250.00	21.00	2.50	3.78	222.72	Increased Feb. 1948
Berge, Einar	Technical Ass't	125.00		1.25	3.78	119.97	Increased Jan. 1950
Carman, Bertha	Typist	75.00	7.05	.75		67.20	Worked $\frac{1}{2}$ days in May
Cooper, Vernon	Accountant	325.00	23.50	3.25	3.78	294.47	Increased March 1950
Dodd, Harold	Engineer	300.00	19.90	3.00	3.78	273.32	Increased March 1950
Gamble, Clarence	Instrumentman	250.00	29.30	2.50		218.20	Increased March 1950
Hagert, E. S.	Engineer	325.00	31.80	3.25	1.52	388.43	Increased March 1950
Lechner, Robert	Rodman	175.00	17.70	1.75		155.55	Increased April 1950
Nichols, Don	Engineer, Ass't Sec'y	350.00	27.10	3.50	3.78	315.62	Increased March 1950
Nordstrom, Franz	Foreman	250.00	12.70	2.50		234.80	Increased March 1950
Olson, A. Peter	Engineer	250.00	29.30	2.50		218.20	Started April 20, 1950
Orr, F. G.	Bookkeeper	300.00	11.60	3.00	3.78	281.62	Increased February 1948
Peterson, Winifred	Stenographer	210.00	23.10	2.10	1.52	183.28	Increased April 1950
Putz, Roy	Rodman	140.00	12.90	1.40	1.52	124.18	Started April 19, 1948
Sanford, Leonard	Foreman	300.00	19.90	3.00		277.10	Started April 1, 1950
Schmitzke, Otto	Garden Foreman	225.00		2.25		222.75	Started April 19, 1950
Sheldon, Marvin	Engineer	300.00	36.50	3.00	1.52	258.98	Increased March 1950
Tibke, Gerald	Instrumentman	185.00	19.50	1.85	1.52	162.13	Increased February 1949
Torkelson, Joyce	Stenographer	160.00	15.90	1.60	1.52	140.98	Increased April 1950
Torvik, Duane	Engineer	275.00	24.60	2.75	3.78	243.87	Increased March 1950
Krueger, Don	Rodman	140.00	12.90	1.40		125.70	Started May 1, 1950

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