

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
MONTHLY REPORT OF APPROPRIATIONS AS OF DECEMBER 31, 1957  
1957-1959 APPROPRIATIONS

Fund No.	Available July, 1957	Expended Nov 30 '57	Expended to Dec 1 '57	Balance Dec 31 '57
1. Commissioners, Per Diem and Expenses . . . . .	6,000.00	593.30	196.52	5,210.18
2. Administration . . . . .	47,000.00	10,134.54	1,621.51	36,789.02
Refunds and Deposits . . . . .	1,545.07			
3. Maintenance of Dams. . . . .	105,000.00	53,008.18	4,509.10	51,657.12
Refunds and Deposits . . . . .	4,174.40			
4. International and Interstate, Commissioners' Conference Expenses. . . . .	8,000.00	1,785.62	1,184.73	5,029.65
5. Topographic Surveys, Cooperation with U.S.G.S. . . . .	30,000.00		10,561.44	19,438.56
6. Hydrographic Surveys, Cooperation with U.S.G.S. . . . .	27,500.00	3,470.36		24,029.64
7. Engineering and Geological Surveys and Demonstrations. . .	37,500.00	9,562.51	861.84	27,332.15
Refunds and Deposits . . . . .	256.50			
8. Cooperation with U. S. Departments and for Organizing Conservation & Irrigation Districts. . . . .	50,000.00	3,158.95	578.99	46,272.06
Refunds and Deposits . . . . .	10.00			
9. Small Projects, Investigations, Surveys, Etc. . . . .	118,000.00	35,100.43	6,600.78	76,754.94
Refunds and Deposits . . . . .	456.15			
10. Administration of Water Laws . . . . .	6,000.00	40.95		5,959.05
OASIS refunds. . . . .	3,800.00	1,322.92		2,477.08
	<u>\$445,242.12</u>	<u>\$118,177.76</u>	<u>\$26,114.91</u>	<u>\$300,949.45</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
 MONTHLY REPORT OF APPROPRIATIONS AS OF DECEMBER 31, 1957  
 1955-1957 APPROPRIATIONS

Fund No.		Available July, 1955	Expended Nov 30 '57	Expended to Dec 1 '57	Balance Dec 31 '57
1.	Commissioners Per Diem and Expenses . . . . .	6,000.00	4,498.18	1,100.00	401.82
2.	Administration . . . . .	40,000.00	40,794.09		1,700.13
	Collections, Refunds, Transfers . . . . .	2,494.22			
3.	Maintenance of Dams . . . . .	100,000.00	219,802.62	753.51	38.53
	Collections and Refunds . . . . .	120,594.66			
4.	International and Interstate Commission's Conference Expenses . . . . .	8,000.00	7,540.42	500.00	.18
	Collections and Refunds . . . . .	40.60			
5.	Topographic & Conservation Cooperation with U.S.G.S. . . . .	30,000.00	30,000.00		NIL
6.	Hydrographic & Conservation Cooperation with U.S.G.S. . . . .	25,000.00	25,000.00		NIL
7.	Engineering & Geological Surveys & Demonstrations . . . . .	35,000.00	32,607.62		2,392.38
8.	Cooperation with U. S. Departments & for Organizing Conservation & Irrigation Districts . . . . .	40,400.00	40,374.92		25.08
9.	Small Projects & Investigations & Surveys . . . . .	106,000.00	125,994.37		NIL
	Collections and Refunds . . . . .	19,994.37			
10.	Water Right Investigations . . . . .	12,000.00	11,994.23		5.77
		<u>\$545,523.85</u>	<u>\$538,606.45</u>	<u>\$2,353.51</u>	<u>\$4,563.89</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
 MONTHLY REPORT OF APPROPRIATIONS AS OF DECEMBER 31, 1957  
 (CONTINUING APPROPRIATIONS)

Appropriation Title	Balance July, 1957	Expended, to December 31, 1957	Balance December 31, 1957
Construction Bond Guaranty Fund	<u>\$70,541.00</u>	<u>NIL</u>	<u>\$70,541.00</u>
	<u>\$70,541.00</u>	<u>NIL</u>	<u>\$70,541.00</u>
Multiple Purpose Fund	<u>\$384,892.93</u>	<u>\$10,292.86</u>	<u>\$374,600.07</u>
	<u>\$384,892.93</u>	<u>\$10,292.86</u>	<u>\$374,600.07</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
 DEPOSITS IN THE BANK OF NORTH DAKOTA  
 DECEMBER 31, 1957

Source of Deposits	Transit Number	Amount Deposited	Expended Dec 31'57	Expended Dec 31'57
Collections on Yellowstone Pumping Irrigation District \$3,500 Warrant. Tax collections for partial payment of interest and principal to April, 1953.	501-118	\$2,235.68		\$2,235.68
Contributions to January 1, 1957: \$35,600.10				
Contributions for Ground Water Surveys:				
Drake \$ 750.00				
Lehr 1,000.00				
Hatton 1,000.00				
Ellendale 500.00				
Linton 1,500.00				
Strasburg 1,000.00				
Hillsboro 1,000.00				
Booklet	501-128	\$48,430.60	\$41,139.95	\$ 7,290.65
	501-127	2,887.57	2,002.06	885.51
TOTAL OF ALL BANK OF NORTH DAKOTA DEPOSITS AS OF DECEMBER 31, 1957				\$10,411.84

PAYROLL  
NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
DECEMBER 30, 1957

PERMANENT EMPLOYEES

Name	Position	Pay Grade	Salary December	With Tax	Social Security	Hosp. Ins.	Savings Bonds	Net Pay	Remarks
Hoisveen, Milo W.	State Engineer	K-10	300.00	117.60		10.90	18.75	652.75	Inc April 57
Paesler, Gordon	Draftsman	E-5	298.67	44.00	6.72			247.95	Inc Sept 57
Cooper, Vernon S.	Ass't Secretary	F-4	341.67	62.60		10.90		268.17	Inc June 57
Duppong, Edwin	Driller	B-8	243.42	33.90	5.48			204.04	Start Oct 57
Flinn, Dean	Driller	E-5	300.00	44.00	6.75			249.25	Monthly Sept 57
Fredrickson, Fred J.	Planning Coord	E-5	300.00	24.00	6.75			269.25	Inc Feb 57
Gehring, Edna	File Clerk	B-8	201.67	36.40	4.54	4.60		156.13	Inc Dec 57
Helphrey, Dave	Rodman	A-10	189.50	24.20	4.26			161.04	Inc Dec 57
Johnson, Lloyd	Const Foreman	G-1	366.67	35.50	8.25	10.90		312.02	Inc July 57
Karch, Esther	Clerk Typist	C-7	226.67	30.70	5.10			190.87	Inc July, 1957
Krebsbach, Joseph	Instrumentman	F-4	345.17	32.60	7.77	10.90		293.90	Inc April 57
Putz, Roy	Material Expert	A-9	185.00	13.50	4.16	4.60		162.74	Inc Dec 57
Reimers, Ernest	Rodman	C-5	214.67	8.50	4.83			201.34	Inc Dec 57
Reiter, Daniel	Operator	E-10	338.67	31.20	7.62		18.75	281.10	Inc July 57
Sackman, Eugene	Instrumentman	E-3	322.67	7.83	7.83	10.90		296.11	Inc July 57
Schmitcke, Arnold	Operator	D-7	265.50	18.20	5.97			241.33	Inc Sept 57
Schweigert, Luella	Chief Steno	F-2	326.67	58.30	7.27			261.10	Inc July 57
Sell, Nancy	Bookkeeper	C-8	231.75	31.40	5.21		18.75	176.39	Inc Dec 57
Sheldon, Marvin	Office Engineer	I-8	564.67	62.60		12.10		489.97	Inc March 57
Sims, Dennis	Rodman	B-10	189.50	34.20	4.26			151.04	Inc Dec 57
Timm, Robert	Ass't St Engr	K-4	634.67	61.60		10.90		562.17	Inc Oct 57
Torvik, Duane	Engineer	H-9	516.67	71.80				444.87	Inc June 57
Vincent, Charles	Rodman	B-10	189.50	24.20	4.26			161.04	Inc Dec 57
Walterson, Jean	Typist Clerk	C-6	170.65	.60	3.84			166.21	Start Dec 57
Ziegler, Victor	Engineer	H-8	504.17	71.80		10.90		421.47	Inc June 57

PAYROLL  
 NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
 DECEMBER 31, 1957

TEMPORARY EMPLOYEES

Name	Position	Salary December	With Tax	Social Security	Personal Property	Net Pay	Remarks
Bothun, Alvin	Operator	246.98	35.40	5.56		206.02	Working by the Hour.
Carlson, Harold	Laborer	209.55	30.60	4.71		174.24	" " " "
Knutson, Lewis	Operator	316.35	47.60	7.11		261.64	" " " "
McMaster, George	Driller	480.00	67.10	1.26		411.64	" " " "
Nelson, Carl	Driller	350.00	15.60	7.87		326.53	" " " "
Pierson, Larry	Laborer	123.00	3.70	2.77	7.08	109.45	" " " "

7.

STATE WATER CONSERVATION COMMISSION  
Minutes of Meeting  
Held in Office of State Water Commission in  
Bismarck, North Dakota  
January 31, 1958

A regular meeting of the North Dakota State Water Conservation Commission was called to order on January 31, 1958, in the State Water Conservation Commission Office in Bismarck, North Dakota, to consider routine business matters. The following were present:

MEMBERS OF STATE WATER CONSERVATION COMMISSION

Honorable John E. Davis, Governor and Ex-officio Chairman

A. M. Christensen, Member from Minot

Oscar Lunseth, Member from Grand Forks

William W. Corwin, Member from Fargo

Math Dahl, Commissioner of Agriculture and Labor, Member from Bismarck

Milo W. Hoisveen, Secretary and Chief Engineer, State Engineer, Bismarck

Vernon Cooper, Assist. Secretary, Bismarck

The meeting was called to order at 9:45 A.M. by Governor Davis with Commissioners Christensen, Lunseth, Corwin, Dahl and Secretary Hoisveen present.

It was moved by Commissioner Christensen and seconded by Commissioner Dahl that the reading of the December meeting be dispensed with and that the same be approved. All members voted aye and said motion carried.

It was moved by Commissioner Dahl and seconded by Commissioner Christensen that the Financial Statement for December be approved and filed in the Office of the State Water Conservation Commission. All members voted aye and said motion carried.

A groundwater report on the proposed irrigation experiment station site in the Carrington area was given by Secretary Hoisveen. He stated that the aquifer is four miles wide and is made up of coarse sand and gravel and should yield up to 1,000 gallons per minute. This would indicate an ample water supply for use in conjunction with the station.

Secretary Hoisveen stated that he received a letter from Mr. Glen Swanson, an attorney at Bottineau, requesting a groundwater survey for the City of Souris. A meeting will be held at Bottineau on February 5th at which time, Dr. Laird, Mr. J. W. Brookhart and Mr. Hoisveen will participate in a program, the purpose of which is to inform local people of the groundwater program relative to a county-wide survey. It was moved by Commissioner Christensen and seconded by Commissioner Dahl that a survey be initiated for the City of Souris, the cost of which is to be borne as follows: 25% by the City of Souris, 25% by the State Water Conservation Commission and 50% by the U. S. Geological Survey. Upon roll call all members voted aye and said motion carried.

Secretary Hoisveen stated a request has been received from the City of Leeds for a groundwater survey to improve the quality of their water supply. The city is presently obtaining water from an aquifer 1600 feet deep. It is believed a supply may be obtained from a depth not to exceed 100 feet northwest of Leeds. A check in the amount of \$1,000 has been received as the maximum amount which they were authorized to spend on said survey. It was moved by Commissioner Lunseth and

seconded by Commissioner Christensen that the State Water Conservation Commission participate in said groundwater survey to the extent of \$1,000.00 in an effort to determine the limits of the aquifer and see if it is capable of rendering a supply of water of the quality they desire. Upon roll call all members voted aye and said motion carried.

A request has also been received from the Village of Hunter relative to a survey to determine the Elm River potential as a source of a municipal water supply. The estimated cost of said survey is \$1600.00, and would be performed with the Commission's Acker drill. It was moved by Commissioner Christensen and seconded by Commissioner Lunseth that the State Water Conservation Commission participate in said survey to the extent of 50% of \$1600.00, and that the Village of Hunter contribute a like amount. Upon roll call all members voted aye and said motion carried.

Membership dues from the National Rivers and Harbors Congress in the amount of \$50.00 for the State Water Conservation Commission and \$10.00 for Secretary Hoisveen were presented to the Commission. It was stated that inasmuch as the Commission has been affiliated with this organization for many years and in view of the fact that at the present time three projects, namely, The Garrison Diversion Unit, the Bowman Haley Project and the Pembilier Dam Project, are up for approval, that the membership dues for the State Water Commission be increased to \$75.00. It was moved by Commissioner Christensen and seconded by Commissioner Dahl that \$75.00 dues for the State Water Conservation Commission and \$10.00 for Secretary Hoisveen be forwarded to the National Rivers and Harbors Congress. Upon roll call all members voted aye and said motion carried.

The report of the State Examiner covering the period of October 31, 1956, to October 31, 1957, was presented to the Commission. The report was favorable in all respects. It was moved by Commissioner Lunseth and seconded by Commissioner Dahl that said report be acknowledged and filed in the office of the State Water Conservation Commission.

Mr. Vernon Cooper, Assistant Secretary, reviewed an opinion received from the Attorney General relative to the balance of the State Water Conservation Commission Sinking Fund for its Series J Bond Issue. He reported that after the Series J Bond Issue was retired on December 10, 1957, there was a remaining cash balance of \$4,069.49 and United States Government securities totaling \$13,500 par value and Sioux Irrigation Bonds totaling \$20,000.00. The remaining U. S. Government securities of this Sinking Fund will mature from 1958 to 1968. The Sioux Irrigation District Bonds will mature serially for the period 1958 to 1984. Mr. Cooper also pointed out that the Commission had been appropriated a Construction Bond Guarantee fund in 1939 and 1941 totaling \$90,000 that was to be used to guarantee a certain percentage of bond issues the Commission or an Irrigation District, might make thereby making the bonds more saleable. \$19,459 of this Construction Bond Guarantee fund had been deposited in the Sinking Fund for the Commission Series J Bond Issue.

At the direction of the Commission, an opinion was requested of the Attorney General as to the disposition of the funds that would accrue from the interest payments from these securities and the retirement of the securities as they become due. The opinion of the Attorney General in answer to three questions submitted to him was as follows:

1. The Commission could not use the funds that would accrue from interest and retirement of these securities to establish a separate fund for use in water resource project development without specific authority of the legislature.
2. The Commission should deposit the funds that will accrue from interest and principal from these investments in its Construction Bond Guarantee fund so as to restore that fund to its original appropriated amount of \$90,000.00.
3. If the Commission desires to increase the Construction Bond Guarantee fund above the \$90,000 appropriated amount with the funds from principal and interest that will become due from these investments, it will be necessary to first obtain authorization from the legislature.

It was moved by Commissioner Christensen and seconded by Commissioner Lunseth that in compliance with the Attorney General's opinion, the cash as it accrues from the interest and retirement of the remaining investments of the Commission's sinking fund be deposited in the Commission Construction Bond Guarantee fund so as to eventually restore that fund to its original amount. All members voted aye and said motion carried.

Considerable correspondence and a petition has been received from residents of Walsh County relative to actively supporting the development of the Walsh County Flood Control District. The residents are concerned over the insufficient drainage and believe that the matter is becoming more acute all along as a result of the levees that are being constructed by individuals in an effort to protect their farm land. It is their desire that a drain be constructed to the Red River for the purpose of draining the area lying between the Park and Forest Rivers. It was moved by Commissioner Lunseth and seconded by Commissioner Christensen that Secretary Hoisveen be authorized to write to the Walsh County Drainage proponents suggesting that they contact either the Corps of Engineers or the Soil Conservation Service in an endeavor to enlist one of these agencies to take immediate steps to alleviate this drainage problem. It was thought that the Corps of Engineers could construct the project under the 212 authority. Action might be obtainable which might provide the area with relief within two years, whereas the watershed program might require six to eight years. All members voted aye and said motion carried.

A detailed report of the National Reclamation Association Board of Directors meeting which was held in Washington, D. C. on January 22, 23 and 24, 1958, was made available to all Commission members, copy of which is attached hereto as Annex I.

Secretary Hoisveen reported that Resolution 148 passed the Senate on Monday, January 27th. The resolution provides that benefit cost ratios may be calculated by using total tangible benefits and total tangible costs for 100 years, and for 50 years except where the life expectancy of the major facility is less. The allocation of costs will be based on three methods, namely, the separable costs-remaining benefit method, the priority of use method and the incremental cost method. If said resolution passes the House, and the intentions of the sponsors are to try House passage, the same can be enacted into law as resolutions <sup>and</sup> cannot be vetoed.

Secretary Hoisveen then reported on a meeting which was held with representatives of the House Subcommittee on Reclamation, the Department of Interior and Senator Young and Congressman Krueger. A copy of said report is attached hereto as Annex II.

Of special interest was the statement made by Congressman Aspinall when he indicated that if the report is out of the Bureau of the Budget by April 1st, he would personally see that it was scheduled.

Secretary Hoisveen also stated that he and Mr. Fredrickson met with Major General Seybold, the President's representative on the Little Missouri Compact. General Seybold indicated that he plans to make a tour of the effected State capitols and discuss the compact with the various Governors and representatives. Secretary Hoisveen suggested to General Seybold that he make his office in Bismarck in view of its proximity to the Little Missouri River. It was unanimously agreed that General Seybold will do a good job of officiating and that negotiations on the Little Missouri Compact will be successful.

Secretary Hoisveen attended the Water Resources Associated Group meeting with Mr. Fredrickson. This group is considered as the most influential water association in Washington, D. C. Membership consists of the principal members of various water groups throughout the Nation. No records are kept of the meeting, no one can be quoted and the press is excluded from meetings.

Governor Davis reported on the Missouri River States Committee meeting which he attended at Des Moines, Iowa, on January 22, 1958. At this meeting he presented a proposed resolution for consideration by the Committee reaffirming its support of the Missouri River Basin Development. It was specifically agreed that the intent of the resolution did not propose the establishment of a preference list of water use by the mere order of expression in the resolution by which the purpose and objectives of Missouri River Development were expressed. All of the States voted for the resolution with the exception of Missouri. Governor Davis read a letter which he had just received from Mr. Smith in which he proposed one change in the wording of the resolution. In view of the fact that the intent of the change was not clear, it was Governor Davis' desire that the resolution be tabled until the next meeting at which time it could again be discussed.

The Corps of Engineers has requested a commitment so far as the appropriation of the waters of the North Branch of the Grand River is concerned, It was moved by Commissioner Christensen and seconded by Commissioner Lunseth that the following resolution be adopted: The appropriation in no way obligates the water to the Corps. It is their desire that some local agency, such as the Bowman County Water Conservation and Flood Control District, will eventually be in charge of water disbursement from the Bowman Haley reservoir when complete.

#### RESOLUTION

WHEREAS, the State Water Conservation Commission did on the 3rd day of June, 1949, reserve the unappropriated waters of the North Fork of the Grand River for irrigation of lands situated in the Bowman-Haley Irrigation District of Bowman County, North Dakota; and

WHEREAS, it now appears that waters of the North Fork of the Grand River will not be impounded for the purposes for which the waters of the river were reserved; and

WHEREAS, a dam should be constructed to impound waters of the Grand River in order to make available a water supply urgently needed for domestic, municipal, stockwater uses, and industrial development;

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NOW, THEREFORE, BE IT RESOLVED by the North Dakota State Water Conservation Commission in meeting assembled this 31st day of January, 1958, that the unappropriated waters of the North Fork of the Grand River be reserved for domestic, municipal and stockwater needs and for industrial development, and that the proposed Bowman-Haley Dam be constructed for that purpose.

All members voted aye and said resolution was unanimously adopted.

Commissioner Christensen presented a resolution which had been forwarded to the State Water Conservation Commission, which resolution was dated January 13, 1958. The resolution in effect requests the Commission to take immediate action in contacting the Corps of Engineers to obtain their services to reconstruct the dam and reservoir on the Souris River, known as the Lake Darling Dam, under modern criteria with sufficient reservoir and spillway capacity to insure the safety of downstream residents and provide an adequate water supply for military installation, as well as the City of Minot. Secretary Hoisveen stated that in view of the urgency of the request, Commissioner Christensen and he believed it advisable to contact Senator Young on his Washington trip. Senator Young in turn contacted General Person requesting his views of the situation. Policies are presently being reviewed pertaining to the procedure needed. It was moved by Commissioner Lunseth and seconded by Commissioner Dahl that Secretary Hoisveen and Commissioner Christensen be authorized to continue their work on the project in an effort to having said dam reconstructed. All members voted aye and said motion carried.

Secretary Hoisveen stated that investigation funds for the Garrison Diversion Unit in President Eisenhower's budget were reduced from \$859,000 for fiscal year 1958 to \$552,000 for fiscal year 1959. He felt that such a reduction was most hazardous and urged that every effort be put forth to restore said funds to a minimum of \$800,000, which is the amount needed to continue study and investigations of the Garrison Diversion Unit Project on an efficient basis. Commissioner Dahl moved that Secretary Hoisveen be directed to work with Mr. Fred Fredrickson relative to preparing a resolution which would contain some of the features desired by the Commissioners, such as: (1) The interest manifested in irrigation by North Dakota citizens through establishment of irrigation districts. (2) Through Federal hearings. (3) Disruption of Bureau of Reclamation crews making investigations would tend to make operations less efficient. (4) The Bureau of Reclamation construction schedule calls for construction activities to commence in 1961. Disruption of the schedule would cause a loss of faith on the part of potential irrigators. The resolution is to be kept current with conditions as they may prevail at the time congressional hearings are to be held. Commissioner Lunseth seconded said motion. All members voted aye and said motion carried.

Commissioner Lunseth moved the adoption of the following resolution pertaining to the Tongue River cut-off channel, which motion was seconded by Commissioner Christensen. All members voted aye and the following resolution was adopted:

#### RESOLUTION

WHEREAS, it is proposed to expedite and alter the flow of flood waters of the Tongue River in Pembina County by constructing a canal which will have the effect of straightening the channel of the river by eliminating a large bend therein; and

WHEREAS, it is proposed to control the flow of the Tongue River by the construction and maintenance of structures designed for that purpose and which will permit the flow of the river in its natural channel when there is no longer need for diversion of its waters through the proposed constructed canal; and

WHEREAS, the consent of this Commission has been requested to straighten the channel of the Tongue River in order to abate or minimize damage to riparian lands by the flooding of the Tongue River.

NOW, THEREFORE, BE IT RESOLVED that the State Water Conservation Commission consents to the proposed construction of a canal for shortening and straightening the channel of the Tongue River provided that adequate structures are installed so as to permit the river to flow in its natural channel when the river is not in flood stage.

Commissioner Dahl moved the adoption of the following resolution, endorsing Senate Bill 863, which concerns the Western Water Settlement Act, which motion was seconded by Commissioner Lunseth. All members voted aye and the following resolution was unanimously adopted:

#### RESOLUTION

WHEREAS, Senate Bill 863, 85th Congress, First Session, introduced in the Senate on January 25, 1957, known as the "Western Water Rights Settlement Act of 1957" affirms and definitely recognizes the water laws of states lying wholly or in part west of the Ninety-Eighth Meridian; and

WHEREAS, the decision of the Supreme Court of the United States in the "Pelton Case" 349 U.S. 435, has apparently modified numerous prior decisions of that Court holding that the "Desert Land Act of 1877" definitely ceded ownership and control over all non-navigable waters to the states concerned with irrigation.

NOW, THEREFORE, BE IT RESOLVED by the North Dakota State Water Conservation Commission in meeting assembled at Bismarck, North Dakota, this 31st day of January, 1958, that the Commission endorses Senate Bill 863 and urges its passage and approval; and

BE IT FURTHER RESOLVED that the Secretary of the Commission be, and is hereby, directed to forward to Senators William Langer and Milton R. Young, North Dakota sponsors of Senate Bill 863, a copy of this resolution.

The Arnegard Dam request was discussed. This is an \$80,000 project and it is anticipated that the State Water Conservation Commission will be requested to participate to the extent of \$12,500. The Federal Fish and Wildlife, the State Game and Fish Department and local interests will also be requested to participate. Action was deferred on this matter until more detailed information is made available and the project has been more fully developed on a local level.

Secretary Hoisveen discussed the development concerning bridge vs. causeway as crossings for the Missouri River between Bismarck and Mandan. Secretary Hoisveen proposed that four dams be constructed which would provide bridge crossings across the river at these various points and could also be used for power generation, recreation and agricultural purposes. He felt the possibilities of a causeway were good and that this should be considered.

It was recommended by Commissioner Christensen that Secretary Hoisveen continue his studies on this project and that he confer with the State Highway Department relative thereto.

The following water rights were considered:

Groth Brothers of Inkster have requested the right to divert 365 acre feet of water from groundwater sources to irrigate 305 acres of land. It was moved by Commissioner Dahl and seconded by Commissioner Lunseth that said request be granted. Motion carried.

The North Dakota School of Forestry has requested the right to divert 180 acre feet of water from groundwater sources to irrigate 90 acres at their Towner Nursery. It was moved by Commissioner Christensen and seconded by Commissioner Lunseth that said request be granted. Motion carried.

Mr. Lee A. Moore of Gladstone has requested the right to divert 50.4 acre feet of water from the Heart River to irrigate 50.4 acres of land. It was moved by Commissioner Dahl and seconded by Commissioner Lunseth that Mr. Moore be granted the right to divert 30.0 acre feet of water from the Heart River to irrigate 30.0 acres of land. Motion carried.

Mr. Arthur R. Chenault of Richmond, Missouri, has requested the right to divert 448 acre feet of water from the Elm River to irrigate 224.8 acres of land in Traill County. It was moved by Commissioner Lunseth and seconded by Commissioner Dahl that action on this request be deferred pending the full development of the Elm River watershed project. Motion carried.

It was moved by Commissioner Christensen and seconded by Commissioner Dahl that in view of the excellent services performed by Mr. Frederickson, that his salary be increased from \$300 per month to \$350 per month, effective February 1, 1958. Upon roll call all members voted aye and said motion carried.

Secretary Hoisveen presented a drainage request from Pembina County in conjunction with Drain #10. The approximate cost of said project is \$22,339.15. The Commission's 40% share would be \$8,935.66. It was moved by Commissioner Lunseth and seconded by Commissioner Dahl that the State Water Commission participate in said request. Upon roll call all members voted aye and said motion carried.

Secretary Hoisveen mentioned the Mississippi Valley Association convention which is to be held in St. Louis commencing February 9th. The Commission recommended that if possible he attend the convention and submit North Dakota projects to the association to obtain authorization thereof.

Adjournment.

Respectfully submitted,

M. W. H. H. H. H. H.  
Secretary

Attest:

J. W. E. D. D.  
Governor

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
MONTHLY REPORT OF APPROPRIATIONS AS OF JANUARY 31, 1958  
1957-1959 APPROPRIATIONS

Fund No.	Available July, 1957	Expended Dec 31 '57	Expended to Jan 1 '58	Balance Jan 31 '58
1. Commissioners, Per Diem and Expenses . . . . .	6,000.00	789.82	26.60	5,183.58
2. Administration . . . . .	47,000.00	11,756.05	2,053.61	34,765.83
Refunds and Deposits . . . . .	1,575.49			
3. Maintenance of Dams. . . . .	105,000.00	57,517.28	3,987.89	47,746.65
Refunds and Deposits . . . . .	4,251.82			
4. International and Interstate, Commissioners' Conference Expenses. . . . .	8,000.00	2,970.35	1,000.00	4,029.65
5. Topographic Surveys, Cooperation with U.S.G.S. . . . .	30,000.00	10,561.44		19,438.56
6. Hydrographic Surveys, Cooperation with U.S.G.S. . . . .	27,500.00	3,470.36		24,029.64
7. Engineering and Geological Surveys and Demonstrations. . .	37,500.00	10,424.35	1,078.76	26,265.08
Refunds and Deposits . . . . .	268.19			
8. Cooperation with U. S. Departments and for Organizing Conservation and Irrigation Districts. . . . .	50,000.00	3,737.94	2,422.40	43,849.66
Refunds and Deposits . . . . .	10.00			
9. Small Projects, Investigations, Surveys, Etc . . . . .	118,000.00	41,701.21	2,914.15	74,058.32
Refunds and Deposits . . . . .	673.68			
10. Administration of Water Laws . . . . .	6,000.00	40.95		5,959.05
Oasis refunds. . . . .	3,800.00	1,322.92		2,477.08
	<u>\$445,579.18</u>	<u>\$144,292.67</u>	<u>\$13,483.41</u>	<u>\$287,803.10</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
MONTHLY REPORT OF APPROPRIATIONS AS OF JANUARY 31, 1958  
1955-1957 APPROPRIATIONS

Fund No.	Available July, 1955	Expended Dec 31 '57	Expended to Jan 1 '58	Balance Jan 31 '58
1. Commissioners Per Diem and Expenses . . . . .	6,000.00	4,498.18	1,100.00	401.82
2. Administration . . . . .	40,000.00	40,794.09	1,658.94	41.19
Collections, Refunds, Transfers . . . . .	2,494.22			
3. Maintenance of Dams . . . . .	.100,000.00	219,802.62	753.51	38.53
Collections and Refunds . . . . .	.120,594.66			
4. International and Interstate Commission's Conference Expenses . . . . .	8,000.00	7,540.42	500.00	.18
Collections and Refunds . . . . .	40.60			
5. Topographic and Conservation Cooperation with U.S.G.S. . . . .	30,000.00	30,000.00		NIL
6. Hydrographic and Conservation Cooperation with U.S.G.S. . . . .	25,000.00	25,000.00		NIL
7. Engineering and Geological Surveys and Demonstrations . . . . .	35,000.00	32,607.62		2,392.38
8. Cooperation with U. S. Departments & for Organizing Conservation & Irrigation Districts . . . . .	40,400.00	40,374.92		25.08
9. Small Projects and Investigations and Surveys . . . . .	.106,000.00	125,994.37		NIL
Collections and Refunds . . . . .	.19,994.37			
10. Water Right Investigations. . . . .	12,000.00	11,994.23		5.77
	<u>\$545,523.85</u>	<u>\$538,606.45</u>	<u>34,012.45</u>	<u>\$2,904.95</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
 MONTHLY REPORT OF APPROPRIATIONS AS OF JANUARY 31, 1958  
 (CONTINUING APPROPRIATIONS)

Appropriation Title	Balance July, 1957	Expended to January 31, 1958	Balance January 31, 1958
Construction Bond Guaranty Fund	<u>\$70,541.00</u>	NIL	<u>\$70,541.00</u>
	<u>\$70,541.00</u>	NIL	<u>\$70,541.00</u>
Multiple Purpose Fund	<u>\$384,892.93</u>	<u>\$15,690.41</u>	<u>\$369,202.52</u>
	<u>\$384,892.93</u>	<u>\$15,690.41</u>	<u>\$369,202.52</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
DEPOSITS IN THE BANK OF NORTH DAKOTA  
JANUARY 31, 1958

Source of Deposits	Transit Number	Amount Deposited	Expended Jan 31'58	Expended Jan 31'58
Collections on Yellowstone Pumping Irrigation District \$3,500 Warrant. Tax collections for partial payment of interest and principal to April, 1953.	501-118	\$2,235.68		\$2,235.68
Contributions to January 1, 1957: \$35,600.10				
Contributions for Ground Water Surveys:				
Drake \$ 750.00				
Lehr 1,000.00				
Hatton 1,000.00				
Ellendale 500.00				
Linton 1,500.00				
Strasburg 1,000.00				
Hillsboro 1,000.00				
Booklet	501-128	\$48,430.60	\$41,139.95	\$7,290.65
	501-127	2,887.57	2,002.06	885.51
TOTAL OF ALL BANK OF NORTH DAKOTA DEPOSITS AS OF JANUARY 31, 1958				<u>\$10,411.84</u>

PAYROLL  
NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
JANUARY 31, 1958

PERMANENT EMPLOYEES

Name	Position	Pay Grade	Salary January	With Tax	Social Security	Hosp. Ins.	Savings Bonds	Net Pay	Remarks
Hoisveen, Milo W.	State Engineer	K-10	800.00	117.60		10.90	18.75	652.75	Inc April 57
Baesler, Gordon	Draftsman	E-5	298.67	44.00	6.72			247.95	Inc Sept 57
Cooper, Vernon S.	Ass't Secretary	F-4	341.67	62.60	2.45	10.90		265.72	Inc June 57
Duppong, Edwin	Driller	B-8	121.71	17.00	2.74			101.97	Quit Jan 58
Flinn, Dean	Driller	E-5	300.00	44.00	6.75			249.25	Monthly Sept 57
Fredrickson, Fred	Planning Coord'r	E-5	300.00	24.00	6.75			269.25	Inc Feb 57
Gehring, Edna	File Clerk	B-8	201.67	36.40	4.54	4.60		156.13	Inc Dec 57
Helphrey, Dave	Rodman	A-10	189.50	24.20	4.25			161.04	Inc Dec 57
Johnson, Lloyd	Const'n Foreman	G-1	366.67	35.50	8.25	10.90		312.02	Inc July 57
Krebsbach, Joseph	Instrumentman	F-4	345.17	22.60	7.77	10.90		303.90	Inc April 57
Putz, Roy	Material Expert	A-9	185.00	13.50	4.16	4.60		162.74	Inc Dec 57
Reimers, Ernest	Rodman	C-5	214.67	8.50	4.83			201.34	Inc Dec 57
Reiter, Daniel	Operator	E-10	333.67	31.20	7.62		18.75	281.10	Inc July 57
Sackman, Eugene	Instrumentman	E-8	322.67	8.30	7.26	10.90		296.21	Inc July 57
Schmitcke, Arnold	Operator	D-7	196.98	5.60	4.43			186.95	Inc Sept 57
Schweigert, Luella	Chief Steno	F-2	326.67	58.30	7.35			261.02	Inc July 57
Sell, Nancy	Bookkeeper	C-8	231.75	31.40	5.21	4.60	18.75	171.79	Inc Dec 57
Sheldon, Marvin	Office Engineer	I-8	564.67	62.60		12.10		489.97	Inc March 57
Sims, Dennis	Rodman	B-10	189.50	34.20	4.26			151.04	Inc Dec 57
Timm, Robert	Ass't St Engineer	K-4	634.67	61.60	14.28	10.90		547.89	Inc Oct 57
Torvik, Duane	Engineer	H-9	516.67	71.80	6.29			438.58	Inc June 57
Vincent, Charles	Rodman	B-10	189.50	24.20	4.26			161.04	Inc Dec 57
Walterson, Jean	Typist Clerk	C-6	220.42	10.00	4.96			205.46	Start Dec 57
Ziegler, Victor	Engineer	H-8	504.17	71.80	10.06	10.90		411.41	Inc June 57

PAYROLL  
 NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
 JANUARY 31, 1958

TEMPORARY EMPLOYEES

Name	Position	Salary January	With Tax	Social Security	Personal Property	Net Pay	Remarks
Bakken, Wallace	Driller	52.80	4.90	1.19	3.26	43.45	Working by the hour
Bothun, Alvin	Operator	165.58	20.50	3.72		141.36	" " " "
Carlson, Harold	Laborer	82.50	10.30	1.86		70.34	" " " "
Knutson, Lewis	Operator	179.45	25.40	4.03		150.02	" " " "
McMaster, George	Driller	384.00	49.80	8.64		325.56	" " " "
Nelson, Carl	Driller	280.00	26.30	6.30		247.40	" " " "
Noltmier, Henry	Laborer	7.50		.16		7.34	" " " "
Pierson, Larry	Laborer	84.00	1.70	1.88		80.42	" " " "

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
MONTHLY REPORT OF APPROPRIATIONS AS OF FEBRUARY 28, 1958  
1957-1959 APPROPRIATIONS

Fund No.	Available July, 1957	Expended Jan 31 '58	Expended to Feb 1 '58	Balance Feb 28 '58
1. Commissioners, Per Diem and Expenses . . . . .	6,000.00	816.42	124.90	5,058.68
2. Administration . . . . .	47,000.00	13,809.66	1,819.43	32,965.20
Refunds and Deposits . . . . .	1,594.29			
3. Maintenance of Dams. . . . .	105,000.00	61,505.17	2,165.24	49,441.86
Refunds and Deposits . . . . .	8,112.27			
4. International and Interstate, Commissioners' Conference Expenses. . . . .	8,000.00	3,970.35	561.09	3,468.56
5. Topographic Surveys, Cooperation with U.S.G.S. . . . .	30,000.00	10,561.44	460.33	18,978.23
6. Hydrographic Surveys, Cooperation with U.S.G.S. . . . .	27,500.00	3,470.36	3,807.76	20,221.88
7. Engineering and Geological Surveys and Demonstrations. . . . .	37,500.00	11,503.11	1,632.82	24,632.26
Refunds and Deposits . . . . .	268.19			
8. Cooperation with U. S. Departments and for Organizing Conservation and Irrigation Districts. . . . .	50,000.00	6,160.34	1,937.76	41,861.90
Refunds and Deposits . . . . .	10.00			
9. Small Projects, Investigations, Surveys, Etc. . . . .	118,000.00	44,615.36	7,237.90	66,320.42
Refunds and Deposits . . . . .	673.68			
10. Administration of Water Laws . . . . .	6,000.00	40.95		5,959.05
Oasis Refunds. . . . .	3,800.00	1,322.92	659.91	1,817.17
	<u>\$449,458.43</u>	<u>\$157,776.08</u>	<u>\$20,457.14</u>	<u>\$271,225.21</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
MONTHLY REPORT OF APPROPRIATIONS AS OF FEBRUARY 28, 1958  
1955-1957 APPROPRIATIONS

Fund No.	Available July, 1955	Expended Jan 31 '58	Expended to Feb 1 '58	Balance Feb 28 '58
1. Commissioners Per Diem and Expenses . . . . .	6,000.00	5,598.18		401.82
2. Administration . . . . .	40,000.00	42,453.03		41.19
Collections, Refunds, Transfers . . . . .	2,494.22			
3. Maintenance of Dams . . . . .	100,000.00	220,556.13		30.53
Collections and Refunds . . . . .	120,594.66			
4. International and Interstate Commission's Conference Expenses . . . . .	8,000.00	8,040.42		.18
Collections and Refunds . . . . .	40.60			
5. Topographic and Conservation Cooperation with U.S. G.S. . .	30,000.00	30,000.00		NIL
6. Hydrographic and Conservation Cooperation with U.S.G.S. . .	25,000.00	25,000.00		NIL
7. Engineering and Geological Surveys and Demonstrations . .	35,000.00	32,607.62		2,392.38
8. Cooperation with U. S. Departments & for Organizing Conservation & Irrigation Districts . . . . .	40,400.00	40,374.92		25.08
9. Small Projects and Investigations and Surveys . . . . .	106,000.00	125,994.37		NIL
Collections and Refunds . . . . .	19,994.37			
10. Water Right Investigations . . . . .	12,000.00	11,994.23		5.77
	<u>\$545,523.85</u>	<u>\$542,618.90</u>		<u>\$2,904.95</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
 MONTHLY REPORT OF APPROPRIATIONS AS OF FEBRUARY 28, 1958  
 (CONTINUING APPROPRIATIONS)

Appropriation Title	Balance July, 1957	Expended to February 28, 1958	Balance February 28, 1958
Construction Bond Guaranty Fund	<u>70,541.00</u>	<u>NIL</u>	<u>70,541.00</u>
	<u>70,541.00</u>	<u>NIL</u>	<u>70,541.00</u>
Multiple Purpose Fund	<u>384,892.93</u>	<u>29,900.69</u>	<u>354,992.24</u>
	<u>384,892.93</u>	<u>29,900.69</u>	<u>354,992.24</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
 DEPOSITS IN THE BANK OF NORTH DAKOTA  
 FEBRUARY 28, 1958

Source of Deposits	Transit Number	Amount Deposited	Expended Feb 28'58	Expended Feb 28'58
Collections on Yellowstone Pumping Irrigation District \$3,500 Warrant. Tax collections for partial payment of interest and principal to April, 1953.	501-118	\$2,235.68		\$2,235.68
Contributions to January 1, 1957: \$35,600.10				
Contributions for Ground Water Surveys:				
Drake \$ 750.00				
Ellendale 500.00				
Hatton 1,000.00				
Hillsboro 1,000.00				
Lehr 1,000.00				
Leeds 1,000.00				
Linton 1,500.00				
Strasburg 1,000.00				
Booklet	501-128	\$48,430.60	\$41,139.95	\$8,290.65
	501-127	2,837.57	2,002.06	885.51
TOTAL OF ALL BANK OF NORTH DAKOTA DEPOSITS AS OF FEBRUARY 28, 1958				<u>\$11,411.84</u>

PAYROLL  
NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
FEBRUARY 28, 1958

PERMANENT EMPLOYEES

Name	Position	Pay Grade	Salary February	With Tax	Social Security	Hosp. Ins.	Savings Bonds	Net Pay	Remarks
Holsveen, Milo W.	State Engineer	K-10	800.00	117.60					
Baesler, Gordon	Draftsman	E-5	298.67	44.00	6.72	10.90	18.75	652.75	Inc April 57
Cooper, Vernon S.	Ass't Sec'y	F-4	341.67	62.60	7.69	10.90		247.95	Inc Sept 57
Flinn, Dean	Driller	E-5	214.28	28.50	4.82			260.48	Inc June 57
Fredrickson, Fred	Plan Coord.	E-5	350.00	32.60	7.88			180.96	Dec Feb 58
Gehring, Edna	File Clerk	B-8	201.67	36.40	4.54	4.60		309.52	Inc Feb 58
Helphrey, Dave	Rodman	A-10	57.53	.40	1.29			156.13	Inc Dec 57
Johnson, Lloyd	Const. Foreman	G-1	366.67	35.50	8.25	10.90		55.84	Quit Feb 58
Krebsbach, Joseph	Instrumentman	F-4	345.17	22.60	7.77	10.90		312.02	Inc July 57
Putz, Roy	Material Exp.	A-9	185.00	13.50	4.16	4.60		303.90	Inc April 57
Reimers, Ernest	Rodman	C-5	214.67	3.50	4.83			162.74	Inc Dec 57
Reiter, Daniel	Operator	E-10	338.67	31.20	7.62		18.75	201.34	Inc Dec 57
Sackman, Eugene	Instrumentman	E-8	335.67	9.80	7.55	10.90		281.10	Inc July 57
Schweigert, Luella	Chief Steno.	F-2	326.67	58.30	7.35			307.42	Inc Feb 58
Sell, Nancy	Bookkeeper	C-8	231.75	31.40	5.21	4.60	18.75	261.02	Inc July 57
Sheldon, Marvin	Office Engr.	I-8	564.67	52.60	7.17	12.10		171.79	Inc Dec 57
Sims, Dennis	Rodman	B-10	84.60	15.50	1.90			482.80	Inc March 57
Timm, Robert	Ass't St Engr.	K-4	634.67	61.60	14.28	10.90		67.20	Quit Feb 58
Torvik, Duane	Engineer	H-9	516.67	71.80	11.63			547.89	Inc Oct 57
Vincent, Charles	Rodman	B-10	81.21	4.80	1.83			433.24	Inc June 57
Walterson, Jean	Typist Clerk	C-6	220.42	10.00	4.96			74.58	Quit Feb 58
Ziegler, Victor	Engineer	H-8	504.17	71.80	11.34	10.90		205.46	Start Dec 57
								410.13	Inc June 57

PAYROLL  
 NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
 FEBRUARY 28, 1958

TEMPORARY EMPLOYEES

Name	Position	Salary February	With Tax	Social Security	Net Pay	Remarks
Bakken, Wallace	Driller	17.60		.40	17.20	Working by the hour.
Bothun, Alvin	Operator	438.40	74.00	10.97	403.43	" " " "
Glasow, Clifford	Laborer	13.50		.30	13.20	" " " "
Knutson, Lewis	Operator	563.26	38.90	12.67	461.69	" " " "
McMaster, George	Driller	576.00	74.80	12.96	488.24	" " " "
Nelson, Carl	Driller	444.00	9.60	9.99	424.41	" " " "
Schmitcke, Arnold	Operator	348.25	35.00	7.84	305.41	" " " "