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*Appendix*

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

Fund No.	Available July, 1955	Expended to Nov. 30, 1955	Expended to Dec. 1, 1955	Balance Dec. 31, 1955
1. Commissioners—Per Diem & Expense . . . . .	\$ 6,000.00	\$ 437.80	\$ 416.66	\$ 5,145.54
2. Administrations . . . . .	40,000.00	9,448.88	1,481.52	29,141.10
Collections and Refunds. . . . .	71.50			
3. Maintenance of Dams . . . . .	100,000.00	52,752.94	4,824.36	42,552.70
Collections and Refunds. . . . .	130.00			
4. International & Interstate-Commission's Conference Expenses. . . . .	8,000.00	1,828.82	220.36	5,950.82
5. Topographic & Conservation Cooperation with U.S.G.S. . . . .	30,000.00	8.00	10,210.37	19,781.63
6. Hydrographic & Conservation Cooperation with U.S.G.S. . . . .	25,000.00		5,220.70	19,779.30
7. Engineering & Geological Survey & Dem. . . . .	35,000.00	8,210.61	585.05	26,194.34
8. Cooperation with U. S. Departments & for Organizing Conservation & Irrigation Districts . . . . .	40,400.00	11,751.89	2,069.13	26,578.98
9. Small Projects & Investigations & Surveys . . . . .	106,000.00	20,056.00	3,009.68	82,934.32
10. Water Right Investigations. . . . .	12,000.00	2,110.88	480.67	9,408.45
	<u>\$402,601.50</u>	<u>\$106,605.82</u>	<u>\$28,618.50</u>	<u>\$267,377.18</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
MONTHLY REPORT OF APPROPRIATIONS AS OF DECEMBER 31, 1955  
1953-1955 APPROPRIATIONS

Fund No.	Available July, 1953	Expended to Nov. 30, 1955	Expended to Dec. 1, 1955	Balance Dec. 31, 1955
1: Commissioners--Per Diem & Expenses . . . . .	\$ 6,000.00	\$ 5,208.92	\$ 85.69	\$ 706.29
2. Administrations. . . . .	40,000.00	40,111.34		120.50
Collections and Refunds . . . . .	231.84			
3. Maintenance of Dams. . . . .	100,000.00	155,596.07		661.72
Refunds and Deposits. . . . .	56,257.79			
4. International & Interstate-Commission's Conference Expenses. . . . .	8,000.00	8,000.00		NIL
5. Topographic & Conservation Cooperation with U.S.G.S. . . . .	30,000.00	33,000.00		NIL
Transfer from #10. . . . .	3,000.00			
6. Hydrographic & Conservation Cooperation with U.S.G.S. . . . .	25,000.00	27,499.98		.02
Transfer from #10. . . . .	2,500.00			
7. Salary--State Engineer . . . . .	6,000.00	6,000.00		NIL
9. Engineering & Geological Survey & Dem. . . . .	35,000.00	37,928.64		571.36
Transfer from #10. . . . .	3,500.00			
10. Cooperation with U. S. Departments & for Organizing Conservation & Irr. Districts. . . . .	50,000.00	40,935.81		64.19
Less Transfers . . . . .	9,000.00			
11. Small Projects & Other Investigations. . . . .	100,000.00	102,399.70		136.92
Collections and Refunds. . . . .	2,536.62			
	<u>\$459,026.25</u>	<u>\$ 456,679.56</u>	<u>\$ 85.69</u>	<u>\$ 2,261.00</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
 MONTHLY REPORT OF APPROPRIATIONS AS OF DECEMBER 31, 1955  
 CONSTRUCTION & RECONSTRUCTION DRAIN OR IRRIGATION  
 1953-1957

Appropriation Title	Available July 1, 1953	Expenditures to Dec. '55	Balance Dec. '55
Construction and Reconstruction Drains or Irrigation	\$ <u>140,000.00</u>	\$ <u>18,468.37</u>	\$ <u>94,425.44</u>
	\$ <u>140,000.00</u>	\$ <u>18,468.37</u>	\$ <u>94,425.44</u>

NORTH DAKOTA STATE WATER CONSTRUCTION COMMISSION  
 MONTHLY REPORT OF APPROPRIATIONS AS OF DECEMBER 31, 1955  
 CONSTRUCTION BOND GUARANTY FUND (CONTINUING APPROPRIATION)

Appropriations Title	Balance July 1, 1953	Expended	Balance Dec. 31, 1955
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>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
 DEPOSITS IN THE BANK OF NORTH DAKOTA  
 DECEMBER 31, 1955

Source of Deposits	Transit Number	Amount Deposited	Expended Dec. 31, 1955	Balance Dec. 31, 1955
Collections on Yellowstone Pumping Irrigation District \$3,500 warrant. Tax collections for partial payment of interest and principal to April, 1953.				
	501-118	\$2,021.65		\$2,021.65
Contributions for Groundwater Surveys:				
Fessenden	\$ 1,000.00	Hunter	\$ 750.00	
Mountain	100.00	Tioga	1,000.00	
Maddock	750.00	Mohall	1,000.00	
Lakota	1,000.00	Richardton	750.00	
Rolla	750.00	Bowbells	1,000.00	
Devils Lake	7,500.00	Michigan	580.00	
Aneta	1,000.00	Wimbledon	1,000.00	
Litchville	1,000.00	Fairmount	1,000.00	
Wyndmere	1,000.00	Hope	1,000.00	
Portland	700.00	Sharon	250.00	
Hundred	1,000.00	Stanley	1,500.00	
Mylor	250.00	Upham	750.00	
Neche	300.00	Minnewaukan	1,000.00	
Transfer	.10	Streeter	1,000.00	
St. John	750.00	Powers Lake	250.00	
Hankinson	1,000.00	Landa	250.00	
Grafton	500.00	Hettinger	2,500.00	
	501-128	\$36,180.60	\$20,726.13	\$15,454.47
Booklet	501-127	2,887.57	2,002.06	<u>885.51</u>
TOTAL OF ALL BANK OF NORTH DAKOTA DEPOSITS AS OF DECEMBER 31, 1955				<u>\$18,361.63</u>

PAYROLL OF  
NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
DECEMBER 31, 1955

(Permanent Employees)

Name	Position	Fay Grade	Salary Dec.	With-Tax	M.D. OASIS	Posp. Ins.	Savings Bond	Net Pay	Remarks
Holsveen, Nilo	State Eng.-Sec.&Ch. Eng.	K-6	\$ 651.67	\$88.80	\$	\$11.10	\$ 18.75	\$533.02	Increased July, '55
Anderson, Albin S.	Field Engineer	F-5	354.67	54.10	5.07	4.35	6.25	284.00	Adi. Aug., 1955
Baesler, Gordon	Draftsman	B-3	160.68	20.28	3.21			137.19	Started July 25, '55
Brown, Charles	Rodman	B-1	166.67	19.90	3.33			143.44	" Oct. 31, 1955
Clark, Lorraine	Bookkeeper	C-5	214.67	28.50	4.29	11.10		170.78	Increased Dec., '55
Cooper, Vernon S.	Assistant Secretary	K-3	600.67	61.60		11.10		527.97	Increased July '55
Dunpong, Esther	Clerk-Typist	P-9	206.67	27.10	4.13	4.35	18.75	152.34	Increased July '55
Fredrickson, Fred	Planning Coordinator		252.00	5.40	5.04			231.56	Increased Aug. '54
Gilbertson, Elmer	Rodman	P-1	166.67	19.90	3.33			143.44	Started Sept. 12, '55
Hughes, Lynda	File Clerk		125.00	17.70	2.50	4.35	18.75	81.70	Increased July, 1955
Johnson, Lloyd	Construction Foreman	F-3	335.67	29.80	6.71	11.10		288.06	Increased Dec. 1954
Johnson, Robert	Administrative Assistant	P-3	176.67	12.00	3.53			161.14	Started July 1, 1955
Knutson, Lewis	Driller	B-1	166.67	19.90	3.33			143.44	Started Sept. 12, '55
Kounts, Stanley	Construction Engineer	H-4	454.17	51.00		11.10		392.07	Increased July, 1955
Wordstrom, Franz	Equipment Foreman	K-3	335.67	29.80	6.71			209.16	Increased July, 1955
Federson, Marlene	Chief Steno.	D-7	265.50	38.20	5.31	4.35		217.64	Increased July, 1954
Putz, Roy	Rodman	A-4	163.50	19.20	3.27	4.35		136.68	Increased July, 1955
Radspinner, Art	Instrumentman	F-4	345.17		6.90			338.27	Increased July, 1955
Reiter, Daniel	Rodman	B-4	181.67	12.80	3.63			165.24	Started Jan. 1, 1955
Bell, Nancy	File Clerk	A-4	89.93	16.15	1.70			71.98	Started Dec. 15, '55
Sheldon, Marvin	Office Engineer	H-4	454.17	41.00		11.10		402.07	Increased July, 1955
Westgate, Sam	Ass't. State Engineer	K-3	600.67	31.60		11.10		557.97	Increased July, 1955

(Temporary Employees)

FAYROLL OF  
NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
DECEMBER 31, 1955

Name	Position	Salary Dec.	With- Tax	N. D. OASIS	F. I. Taxes	Net Pay	
Danielson, Ray	Driller	\$283.23		\$5.65		\$277.58	Working by the hour
McMaster, George	Driller	300.29	\$35.50	6.01		258.78	" " " "
Romning, Ole	Operator	353.23	18.20	7.08		296.35	" " " "
Rufsvold, Linas	Laborer	124.83	11.00	2.50		122.33	" " " "
Schmitcke, Arnold	Laborer	45.90	3.60	.92		41.38	" " " "
Stasch, Alfred	Laborer	63.13	2.50	1.26		59.37	" " " "
Stasch, Johnny	Laborer	63.13	7.10	1.26		54.77	" " " "
Walterson, Howard	Operator	314.98	45.00	6.29		263.69	" " " "
Walterson, Millard	Laborer	124.65	15.40	2.50		106.75	" " " "
Wambach, Allen	Laborer	10.63		.21		10.42	" " " "

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**STATE WATER CONSERVATION COMMISSION**  
**Minutes of Meeting**  
**Held in Office of State Water Commission in**  
**Bismarck, North Dakota**  
**January 20, 1956.**

A regular meeting of the North Dakota State Water Conservation Commission was called to order on January 20, 1956, 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 Norman Brunsdale, Governor and Ex-Officio Chairman  
Curtis Olson, Vice-Chairman, Member from Valley City  
A. M. Christensen, Member from Minot  
Oscar Lunseth, Member from Grand Forks  
Math Dahl, Commissioner of Agriculture and Labor, Member from Bismarck  
Milo W. Hoisveen, Secretary and Chief Engineer, State Engineer, Bismarck

**OTHERS PRESENT AT THE MEETING:**

Bruce Johnson, Bureau of Reclamation, Bismarck  
Ray Charles, Bechtel Corporation, San Francisco  
John Buehler, Bechtel Corporation, San Francisco  
Sam S. Westgate, Assistant State Engineer, Bismarck  
Oscar Berg, Minot  
Russ Duszinski, Devils Lake  
Vernon S. Cooper, Assistant Secretary, State Water Commission, Bismarck

The meeting was called to order at 10:05 o'clock a.m. by Vice Chairman Curtis Olson with Commissioners A. M. Christensen, Oscar Lunseth, Math Dahl and Milo W. Hoisveen present.

It was moved by Commissioner Math Dahl, and seconded by Commissioner Oscar Lunseth, that the minutes of the meeting held on December 9, 1955, be approved. All Commissioners voted aye and the motion carried.

It was moved by Commissioner Oscar Lunseth, and seconded by Commissioner Math Dahl, that the Financial Statement for December, 1955, be approved and filed in the office of the State Water Conservation Commission. All Commissioners voted aye and the motion carried.

Secretary Milo W. Hoisveen reported that the City of Marmarth desires to form a water conservation and flood control district. He stated that a resolution and petition have been received from the City Auditor requesting that a district be formed. The district would be utilized in a proposed Corps of Engineers flood protective project. The estimated cost of the project is \$238,000.00, the City of Marmarth having assurances to the extent of \$20,000.00. Authorization to hold a hearing at Marmarth in the near future on the petition, as provided by law, was granted.

Commissioner Olson made reference to the letter of General Itschner, which was addressed to Senator Young and dated January 3, 1956, regarding the Upper West Watershed area of the Souris River. This letter stated that a preliminary cost estimate of the desired work to be done approximates \$750,000.00. General Itschner recommended that further consideration of the Upper West Watershed flood problem be undertaken as a part of the authorized study being conducted by the Corps of Engineers on the Souris River in the vicinity of Minot.

Considerable discussion was held as to the structure and adequacy of the Lake Darling Dam. Secretary Hoisveen stated that he had expressed his opinion on the adequacy of the dam to Mayor Harrington to the effect that this dam was possibly not too well constructed and might give Minot difficulties in the future. Secretary Hoisveen stated that Mayor Harrington later informed him that he had requested an inspection of the dam on the part of the Federal Fish and Wildlife Service through Senator Young. Commissioner A. M. Christensen stated that he would again inform the Minot officials as to the Water Commission's opinion on the dam and ask that further surveys be made relative to the structure. The Corps of Engineers have at times mentioned that Minot may receive a severe flood if improvements are not made on the structures.

Secretary Hoisveen stated that Mr. Ted Loy, County Engineer of Ward County, requested the State Water Commission to investigate the erosion problem at the Sawyer bridge over the Souris River. Mr. Sam Westgate, Assistant State Engineer, investigated this bridge and reported that erosion is occurring on the outside edge of a curve in the river and has progressed to the point that Ward County is replacing the South abutment foundation of their county bridge. Mr. Westgate suggests that they line the bank with old car bodies, weighted with rock, and that this should be quite effective in halting the erosion. The cost of repair is estimated at \$600.00, if accomplished through the use of car bodies. The Commission will act upon this proposal when a formal request has been received from Ward County.

A letter from H. W. Lyons, Jamestown, North Dakota, dated November 30, 1955, was read by Commissioner Olson. Mr. Lyons requested that the State Water Conservation Commission investigate the possibility of constructing a dam on Beaver Creek at the site where the proposed new highway #281 will cross the creek, utilizing the highway fill for the dam embankment. Commissioner Christensen recommended that this matter be discussed with the State Highway Department.

Secretary Hoisveen reported on the County Commissioner's convention, which was held at Minot on January 11, 1956. He stated he met with various county boards, as well as individual County Commissioners. Secretary Hoisveen felt that participation by the State Water Conservation Commission at the meeting was well worth while. He also stated that several business matters were transacted, thus saving a great deal of mileage. Commissioner Christensen urged that a commissioner and a member of the staff be present at all future meetings of the County Commissioners. Commissioner Dahl was also in attendance at this convention and spoke very highly of the good impression which was made by Secretary Hoisveen and Mr. Westgate, who represented the State Water Conservation Commission.

Mr. Bruce Johnson entered the meeting at 10:30 o'clock a.m.



Secretary Hoisveen reported that Commissioner Olson; Fred Fredrickson, Planning Coordinator; S. E. Westgate, Assistant State Engineer, and he had met with the Cass County Commissioners on January 4, 1956. Secretary Hoisveen reported that a misunderstanding had existed with the Cass County Commissioners in regard to the snagging and clearing work which is presently being performed in the Sheyenne River. After a full discussion of the problem involved and the work to be done, it was agreed at this meeting that the crews will be returned to continue operations from the confluence of the Sheyenne and Red River area, and continue upstream. The State agreed to furnish blasting powder, detonators and skilled powder men for the removal of lodged material. The State is to furnish a caterpillar of adequate size to aid in final cleanup work, to supply one power saw, an air compressor and complementary equipment, and a crew of six men and a foreman, which includes the blasting crew. The County agreed to furnish two crawler type tractors, not less than D-6 in power, equipped with dozers and snagging attachment, competent operators and four additional men. The tractor furnished by the State can be removed from the job after April 1, 1956, in the event that final cleanup work is not completed by that date.

Secretary Hoisveen reported that Commissioner Olson, Vice Chairman; Fred J. Fredrickson, Planning Coordinator, and he had a meeting with Col. Rhode in St. Paul on December 15, 1955, to discuss the various projects in the St. Paul District. These projects included the Grand Forks Flood Wall, snagging and clearing of the Park River, progress of the Pembina Dam, proposed reservoir in Cavalier County, status of the Chain Lakes, Dry Sweetwater and Upper West Souris Water Conservation and Flood Control District projects, Ramsey County projects, Rush River drainage system and alterations that had been performed on Dakota Lake Dam. A meeting was also held with representatives of the Federal Fish and Wildlife in Minneapolis relative to the Dakota Lake and Upper Souris projects.

Commissioner Oscar Lunseth of Grand Forks told the members of the Board the many problems confronting the City of Grand Forks in regard to their flood protective dike. Considerable discussion was had on this matter. Mr. Lunseth stated that the Corps of Engineers had reported that they believed a stop log structure would be effective in curtailing future flooding in one of the problem areas.

Governor Brunsdale entered the meeting at 10:40 o'clock a.m.

Secretary Hoisveen presented letters from Senator Young, Senator Langer, Congressman Krueger and Congressman Burdick stating that they would support the resolution pertaining to the replacement of municipal facilities for the City of Williston. A letter from Carl Hayden, Chairman of Committee on Appropriations, was read which stated that Senator Ellender of Louisiana was Chairman of the Subcommittee on Public Works and that the resolution will be brought to the attention of the Committee.

Mr. Sam Westgate, Mr. John Buehler and Mr. Ray Charles entered the meeting at 10:55 o'clock a.m.

Mr. Sam Westgate, Assistant State Engineer, outlined the possibility of installing power facilities in connection with the Garrison Diversion project along the main canal to Lone Tree reservoir. He stated that the big problem

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to be determined is whether or not water will run all year long in North Dakota. It was felt that it was necessary that firm power would have to be provided if this feature of the project is proved to be feasible. Mr. Buehler and Mr. Charles of the Bechtel Engineering Firm of San Francisco, consultants, were present at the meeting and were requested to check all data available in order to determine the approximate cost of exploring this matter. Bruce Johnson, Supervising Engineer for the Bureau of Reclamation, agreed to make all material relative to the project available to the Bechtel Corporation.

Motion was made by Commissioner Christensen and seconded by Commissioner Lunseth that Secretary Hoisveen discuss this matter of generating power along the main canal of the Garrison Diversion project with Under-Secretary Clarence A. Davis at St. Louis at the National Water Conference they will be attending January 23rd to 25th. Upon a unanimous vote of the Commissioners, the motion carried.

Secretary Hoisveen reported that he and Fred Fredrickson held a meeting with the joint boards of Traill, Steele and Cass Counties, relative to the formation of a flood control district to incorporate segments of these three counties in the district. A Petition and Resolution to this effect were received by the State Water Commission. Authorization was granted to hold a hearing on these petitions.

Secretary Hoisveen stated that Mr. Fred Fredrickson, Planning Coordinator, and he met with Commissioners of Cavalier and Pembina Counties relative to bridges that would be affected by the reservoir resulting from the construction of the Pembilier Dam. He stated that a request for elevations was forwarded to the Corps of Engineers, and that Cavalier County Commissioners were unanimous in their support of this project, but were not too certain as to how they would raise sufficient funds to make the necessary alterations to bridges. Secretary Hoisveen said that it was conceivable that the present Pembina County Water Conservation and Flood Control District could be modified to include the Tongue River Watershed area only and another district formed to incorporate the segments of the Pembina River lying in Pembina and Cavalier Counties. He further stated that Mr. Iver Acker, Special Assistant Attorney General, had advised that the present county-wide district boundaries in Pembina County could be modified to the limits of the Tongue River watershed and, if desired, be called the Tongue River Water Conservation and Flood Control District. The County Commissioners of both counties could then petition the State Water Conservation Commission to form a water conservation district that would include all of the drainage area of the Pembina River in Pembina and Cavalier Counties.

The meeting recessed at 12:05 o'clock p.m. and reconvened at 1:35 o'clock p.m. with Vice Chairman Curtis Olson, Commissioners A. M. Christensen, Oscar Lunseth, Math Dahl, Secretary Milo W. Hoisveen and Vernon Cooper present.

Motion was made by Commissioner Oscar Lunseth and seconded by Commissioner A. M. Christensen that Mr. Sam Westgate, Assistant State Engineer, be authorized to attend a meeting of the Manitoba Water Resources Board at Winnipeg to discuss construction plans for a Pembina River Dam near Walhalla. All members voted aye and said motion carried.

Mr. Vernon Cooper, Secretary-Treasurer of the Garrison Diversion Conservancy District, reported on the progress of the group. He stated that the two most

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important problems considered at these meetings are to be in a position to inform the farmer what irrigation will do for him and what his cost will be. He felt that a better understanding is necessary as to irrigation. Commissioner Christensen recommended that Mr. Cooper attend the organizational meeting at Harvey.

Commissioner Dahl left the meeting at 2:00 o'clock p.m.

Numerous newspaper clippings were shown the Commission members by Secretary Hoisveen relative to the news releases being made through the Capitol News Service to acquaint the public with Commission activities. The Commission has subscribed to this service.

Motion was made by Commissioner Lunseth and seconded by Commissioner Christensen that the Water Conservation Commission exhibits be shown at Parshall and New England. Upon a unanimous vote of the commissioners, the motion carried.

Governor Brunsdale entered the meeting at 2:25 o'clock p.m.

Secretary Hoisveen reported on a Resolution which was received from the Ransom County Irrigation Development Committee requesting that a site for an irrigation development farm be considered in Ransom County.

Commissioner Lunseth moved the adoption of the following Resolution in response to this request, which motion was seconded by Commissioner Christensen:

#### R E S O L U T I O N

WHEREAS, a resolution adopted by representative residents of Ransom County, North Dakota, who constitute the irrigation development committee duly designated for that county by the Board of Directors of the Missouri River Diversion Conservancy District, has been presented to, and filed with, the State Water Conservation Commission, requesting the approval and assistance of this Commission with reference to the establishment and maintenance therein of an irrigation development farm in order to determine and demonstrate irrigation practices best suited to climatic conditions and various soil types in the irrigable areas of the County; and

WHEREAS, data developed and results obtained from the operation of an irrigation and development farm will not only serve to demonstrate methods of irrigation suitable to climatic conditions and types of soil in a large typical area in Southeastern North Dakota, but will also materially aid the Bureau of Reclamation in design and capacity studies of needed irrigation facilities; and

WHEREAS, the development farm established by the Bureau of Reclamation in Burke County, North Dakota, known as the Bowbells Development Farm, demonstrated that irrigation of a vast area in the Northern and Northwestern section of North Dakota was not feasible on account of the impermeable nature of the subsoil, rendering adequate drainage impossible, and thus waterlogging the land if artificially watered; and

WHEREAS, the unfeasibility of irrigation demonstrated on the Bowbells Development Farm undoubtedly prevented the establishment of a vast project for the irrigation of lands in Missouri Souris Conservancy and Reclamation District

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established by the Legislative Assembly of North Dakota in 1949, which project, if undertaken, would have cost millions of dollars,

NOW, THEREFORE, BE IT RESOLVED BY THE STATE WATER CONSERVATION COMMISSION in regular meeting assembled this 20th day of January, 1956, that the establishment and maintenance of an irrigation development farm in Ransom County, North Dakota is deemed highly desirable; that our Senators and Representatives in Congress are respectfully asked to give the establishment and maintenance of such irrigation development farm their wholehearted support, and that the Director of the Bureau of the Budget is respectfully urged to approve appropriation by Congress of funds required by the Bureau of Reclamation for the establishment and maintenance of such irrigation and development farm.

BE IT FURTHER RESOLVED that copies of this Resolution be mailed to our Senators and Representatives in Congress, to the Director of the Bureau of the Budget, and to the Chairman of the Committees on Appropriations of the Senate and House of Representatives.

Upon a unanimous vote of the Commissioners, the motion carried.

Secretary Hoisveen read letters of commendation written to Colonel Hille, District Engineer, Garrison District; Mr. Sam Westgate, Assistant State Engineer and Mr. Vernon Cooper, Secretary-Treasurer, Garrison Diversion Conservancy District.

Governor Brunsdale suggested that a letter of commendation be written to Brigadier General W. E. Potter, Division Engineer, Missouri River Division, Omaha, Nebraska.

Commissioner Lunseth suggested that a letter of commendation be written to Mr. Fred Fredrickson, Planning Coordinator.

Mr. Oscar Berg of Minot, North Dakota, and Mr. Russ Dushinski of Devils Lake, North Dakota, entered the meeting at 2:45 o'clock p.m.

Secretary Hoisveen read a letter from Col. Hille dated January 16, 1956, relative to the cost of installing two additional generating units at Garrison Dam. The generator would, if installed, complete the Garrison power plant potential. The desirability of completing these units was discussed by the Commission and it was decided that Secretary Hoisveen investigate the possibility of obtaining appropriations for the completion of the generating units at Garrison Dam with Senator Young.

Mr. Oscar Berg reported that an excellent irrigation meeting was held at Esmond. He stated that he had requested five irrigation farmers from Sidney, Montana, to be present and make talks at this meeting. The enthusiasm, interest and response was much more than anticipated and a great deal of good has come from this meeting. He felt that a farmer must sell a farmer on this idea of irrigation farming and that this was not a job for a professional man. In view of the great amount of interest shown at this meeting, Mr. Berg recommended that the State obtain the services of these Montana farmers at all organizational meetings. The primary question at these meetings is what is it going to cost and what can I expect in return. It was recommended that a caravan of interested

farmers of North Dakota go to Sidney, Montana, the middle of June and see first hand what is going on. All members felt that the results of the farmer-to-farmer approach would be most successful.

Motion was made by Commissioner Christensen and seconded by Commissioner Olson that the State Water Conservation Commission give \$1,000.00 to the Missouri Souris Projects Association and \$1,000.00 at a later date for services rendered.

Governor Brunsdale left the meeting at 3:40 o'clock p.m.

It was moved by Commissioner Lunseth and seconded by Commissioner Christensen that the action of the State Engineer in granting and reducing the application of Anton Schulz, New England, North Dakota, for a permit to divert and appropriate water from Phil Brick Creek for the irrigation of 44.0 acres of land, described as E $\frac{1}{2}$ NW $\frac{1}{2}$  and W $\frac{1}{2}$ NE $\frac{1}{2}$  of Section 17, Twp. 136, Rge. 98 W., located in Slope County, North Dakota, be approved and limited to an annual diversion of 77.0 acre feet of water as long as reservoir water is available. In the event of reservoir failure, the State Engineer recommends reducing use to 44.0 acre feet on 22.7 acres. The water right permit would be subject to all prior and existing water rights and appropriations covering Phil Brick Creek. Upon a unanimous vote of the Commissioners, the motion carried.

The meeting adjourned at 3:45 o'clock p.m.

Respectfully submitted,

Milo W. Horvath  
Secretary

ATTEST:

[Signature]  
Governor

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
 MONTHLY REPORT OF APPROPRIATIONS AS OF JANUARY 31, 1956  
 1955-1957 APPROPRIATIONS

Fund No.	Available July, 1955	Expended Dec. 31 '55	Expended to Jan 1, 1956	Balance Jan 31, 1956
1. Commissioners-Per Diem & Expenses . . . . .	\$ 6,000.00	\$ 854.46	\$ 7.00	\$ 5,138.54
2. Administrations . . . . .	40,000.00	10,930.40	1,393.07	27,765.13
Collections and Refunds . . . . .	88.60			
3. Maintenance of Dams . . . . .	100,000.00	57,577.30	5,340.04	37,212.66
Collections and Refunds . . . . .	130.00			
4. International & Interstate-Commission's Conference Expenses . . . . .	8,000.00	2,049.18	163.90	5,786.92
5. Topographic & Conservation Cooperation with U.S.G.S. .	30,000.00	10,218.37		19,781.63
6. Hydrographic & Conservation Cooperation with U.S.G.S. .	25,000.00	5,220.70		19,779.30
7. Engineering & Geological Survey & Dem. . . . .	35,000.00	8,895.66	3,483.73	22,621.11
8. Cooperation with U. S. Departments & for Organizing Conservation & Irrigation Districts . . . . .	40,400.00	13,821.02	2,776.85	23,802.13
9. Small Projects & Investigations & Surveys . . . . .	106,000.00	23,065.68	3,227.55	79,706.77
10. Water Right Investigations . . . . .	12,000.00	2,591.55	666.09	8,742.36
	<u>\$402,618.60</u>	<u>\$135,224.32</u>	<u>\$17,057.73</u>	<u>\$250,336.55</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
MONTHLY REPORT OF APPROPRIATIONS AS OF JANUARY 31, 1956  
1953-1955 APPROPRIATIONS

Fund No.	Available July, 1953	Expended to Dec. 31, '55	Expended to Jan. 1, '56	Balance Jan. 31, '56
1. Commissioners--Per Diem & Expenses . . . . .	\$ 6,000.00	\$ 5,294.61		\$ 706.29
2. Administrations. . . . .	40,000.00	40,111.34		120.50
Collections and Refunds. . . . .	231.84			
3. Maintenance of Dams. . . . .	100,000.00	155,596.07	\$ 574.10	87.62
Refunds and Deposits . . . . .	56,257.79			
4. International & Interstate-Commission's Conference Expenses. . . . .	8,000.00	8,000.00		NIL
5. Topographic & Conservation Cooperation with U.S.G.S. . . . .	30,000.00	33,000.00		NIL
Transfer from #10 . . . . .	3,000.00			
6. Hydrographic & Conservation Cooperation with U.S.G.S. . . . .	25,000.00	27,499.98		.02
Transfer from #10. . . . .	2,500.00			
7. Salary--State Engineer . . . . .	6,000.00	6,000.00		NIL
9. Engineering & Geological Survey & Dem. . . . .	35,000.00	37,928.64	571.36	NIL
Transfer from # 10 . . . . .	3,500.00			
10. Cooperation with U. S. Departments & for Organizing Conservation & Irr. Districts. . . . .	50,000.00	40,935.81		64.19
Less Transfers . . . . .	9,000.00			
11. Small Projects & Other Investigations . . . . .	100,000.00	102,399.70		136.92
Collections and Refunds . . . . .	2,536.62			
	<u>\$459,026.25</u>	<u>456,765.25</u>	<u>1,145.46</u>	<u>1,115.54</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
 MONTHLY REPORT OF APPROPRIATIONS AS OF JANUARY 31, 1956  
 CONSTRUCTION & RECONSTRUCTION DRAIN OR IRRIGATION  
 1953-1957

Appropriation Title	Available July 1, 1953	Expenditures to Jan., 1956	Balance Jan., 1956
Construction and Reconstruction Drains or Irrigation	<u>\$ 140,000.00</u>	<u>\$ 4,642.52</u>	<u>\$ 89,782.92</u>
	<u>\$ 140,000.00</u>	<u>\$ 4,642.52</u>	<u>\$ 89,782.92</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
 MONTHLY REPORT OF APPROPRIATIONS AS OF JANUARY 31, 1956  
 CONSTRUCTION BOND GUARANTY FUND (CONTINUING APPROPRIATION)

Appropriations Title	Balance July 1, 1953	Expended	Balance Jan. 31, 1956
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>



NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
 DEPOSITS IN THE BANK OF NORTH DAKOTA  
 JANUARY 31, 1956

Source of Deposits	Transit Number	Amount Deposited	Expended Jan. 31, '56	Balance Jan. 31, '56
Collections on Yellowstone Pumping Irrigation District \$3,500 warrant. Tax collections for partial payment of interest and principal to April, 1953.				
Contributions for Groundwater Surveys:	501-118	\$2,021.65		\$2,021.65
Fessenden	\$1,000.00	Hunter	\$ 750.00	
Mountain	100.00	Tioga	1,000.00	
Maddock	750.00	Mohall	1,000.00	
Lakota	1,000.00	Richardton	750.00	
Rolla	750.00	Bowbells	1,000.00	
Devil's Lake	7,500.00	Michigan	580.00	
Aneta	1,000.00	Wimbledon	1,000.00	
Litchville	1,000.00	Fairmount	1,000.00	
Wyndmere	1,000.00	Hope	1,000.00	
Portland	700.00	Sharon	250.00	
Kindred	1,000.00	Stanley	1,500.00	
Wyle	250.00	Upham	750.00	
Neche	300.00	Minnewaukan	1,000.00	
Transfer	.10	Streeter	1,000.00	
St. John	750.00	Powers Lake	250.00	
Hankinson	1,000.00	Landa	250.00	
Grafton	500.00	Hettinger	2,500.00	
	501-128	\$36,180.60	\$20,726.13	\$15,454.47
Booklet	501-127	2,887.57	2,002.06	<u>885.51</u>
TOTAL OF ALL BANK OF NORTH DAKOTA DEPOSITS AS OF JANUARY 31, 1956				<u><u>\$18,361.63</u></u>

PAYROLL OF  
NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
JANUARY 31, 1956

(Permanent Employees)

Name	Position	Pay Grade	Salary Jan.	With-Tax	N. D. OASIS	Hosp. Ins.	Savings Bonds	Net Pay	Remarks
Hoisveen, Milo	State Eng.-Chief Eng.	K-6	\$651.67	\$88.80	\$13.03	\$11.10	\$18.75	\$519.99	Inc. July, '55
Anderson, Albin S.	Field Engineer	B-5	354.67	54.10	7.09	4.35	6.25	282.88	Adj. Aug., '55
Baessler, Gordon	Draftsman	B-3	166.86	21.06	3.34			142.46	Inc. Dec., '55
Brown, Charles	Rodman	B-1	69.81	8.32	1.40			60.09	Quit Jan. 31, '56
Clark, Lorraine	Bookkeeper	C-5	214.67	28.50	4.29	11.10		170.78	Inc. Dec., '55
Cooper, Vernon S.	Assistant Secretary	K-3	600.67	61.60	12.01	11.10		515.96	Inc. July, '55
Duppong, Esther	Clerk-Typist	B-9	206.67	27.10	4.13	4.35	18.75	152.34	Inc. July, '55
Fredrickson, Fred	Planning Coordinator		252.00	5.40	5.04			231.56	Inc. Aug., '54
Gilbertson, Elmer	Rodman	B-1	48.33	5.76	.97			41.60	Quit Jan. 11, '56
Johnson, Lloyd	Construction Foreman	F-3	335.67	29.80	6.71	11.10		288.06	Inc. Dec., '54
Johnson, Robert	Draftsman	B-3	176.67	12.00	3.53			161.14	Start July 1, '55
Knutson, Lewis	Driller	B-1	166.67	19.90	3.33			143.44	Start Sept. 12, '55
Kounts, Stanley	Construction Engineer	H-4	454.17	51.00	9.08	11.10		382.99	Inc. July, '55
Nordstrom, Franz	Equipment Foreman	F-3	335.67	29.80	6.71	11.10		288.06	Inc. July, '55
Pederson, Marlene	Chief Steno.	D-7	85.60	11.69	1.71			72.20	Inc. July, '54
Putz, Roy	Rodman	A-4	163.50	19.20	3.27	4.35		136.68	Inc. July, '55
Radspinner, Art	Instrumentman	F-4	345.17		6.90			338.27	Inc. July, '55
Reiter, Daniel	Rodman	B-4	181.67	12.80	3.63			165.24	Start Jan. 1, '55
Schweigert, Luella	Chief Steno.		354.78	64.51	7.10			283.17	Start Dec. 19, '55
Sell, Nancy	File Clerk	A-4	163.50	19.20	3.27			141.03	Start Dec. 15, '55
Sheldon, Marvin	Office Engineer	H-4	454.17	41.00	9.08	11.10		392.99	Inc. July, '55
Westgate, Sam	Ass't. State Engineer	K-3	600.67	31.60	12.01	11.10		545.96	Inc. July, '55

PAYROLL OF  
NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
JANUARY 31, 1956

(Temporary Employees)

Name	Position	Salary Jan.	With- Tax	N. D. OASIS	P. P. Taxes	Net Pay	Working by the Hour
Ronning, Ole	Operator	\$279.13	\$38.50	\$5.58		\$235.05	" " " "
Rufsvold, Linas	Laborer	255.76	1.50	5.12		249.14	" " " "
Stasch, Alfred	Laborer	180.63	2.50	3.62		174.51	" " " "
Stasch, Johnny	Laborer	201.26	24.80	4.03		172.43	" " " "
Stremick, Edward	Laborer	9.00				9.00	" " " "
VanderWalle, Mrs.	Steno	5.25				5.25	" " " "
Walterson, Howard	Operator	300.13	42.40	6.01		251.72	" " " "
Walterson, Millard	Laborer	268.96	37.10	5.38		226.48	" " " "

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
 MONTHLY REPORT OF APPROPRIATIONS AS OF FEBRUARY 29, 1956  
 1955-1957 APPROPRIATIONS

Fund No.	Available July, 1955	Expended Jan. 31, '56	Expended to Feb. 1, 1956	Balance Feb. 29, '56
1. Commissioners - Per Diem & Expenses . . . . .	\$ 6,000.00	\$ 861.46	\$	\$ 5,138.54
2. Administrations . . . . .	40,000.00	12,323.47	990.80	26,922.93
Collections and Refunds. . . . .	237.20			
3. Maintenance of Dams . . . . .	100,000.00	62,917.34	1,237.91	36,174.75
Collections and Refunds. . . . .	330.00			
4. International & Interstate Commission's Conference Expenses. . . . .	8,000.00	2,213.08	352.20	5,434.72
5. Topographic & Conservation Cooperation with U.S.G.S. . . .	30,000.00	10,218.37		19,781.63
6. Hydrographic & Conservation Cooperation with U.S.G.S. . . .	25,000.00	5,220.70		19,779.30
7. Engineering & Geological Survey & Dem. . . . .	35,000.00	12,378.89		22,621.11
8. Cooperation with U. S. Departments & for Organizing Conservation & Irrigation Districts . . . . .	40,400.00	16,597.87	2,461.57	21,340.56
9. Small Projects & Investigations & Surveys . . . . .	106,000.00	26,293.23	2,951.67	76,755.10
10. Water Right Investigations. . . . .	12,000.00	3,257.64	719.43	8,022.93
	<u>\$402,967.20</u>	<u>\$152,282.05</u>	<u>\$ 8,713.58</u>	<u>\$241,971.57</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
MONTHLY REPORT OF APPROPRIATIONS AS OF FEBRUARY 29, 1956  
1953-1955 APPROPRIATIONS

Fund No.	Available July, 1953	Expended to Dec. 31, '55	Expended to Feb. 1, '56	Balance Feb. 29, '56
1. Commissioners - Per Diem & Expenses . . . . .	\$ 6,000.00	\$ 5,294.61		706.29
2. Administrations. . . . .	40,000.00	40,111.34		120.50
Collections and Refunds. . . . .	231.84			
3. Maintenance of Dams . . . . .	100,000.00	156,170.17		87.62
Refunds and Deposits . . . . .	56,257.79			
4. International & Interstate Commission's Conference Expenses. . . . .	8,000.00	8,000.00		NIL
5. Topographic & Conservation Cooperation with U.S.G.S. . . . .	30,000.00	33,000.00		NIL
Transfer from #10. . . . .	3,000.00			
6. Hydrographic & Conservation Cooperation with U.S.G.S. . . . .	25,000.00	27,499.98		.02
Transfer from #10. . . . .	2,500.00			
7. Salary - State Engineer. . . . .	6,000.00	6,000.00		NIL
9. Engineering & Geological Survey & Dem. . . . .	35,000.00	38,500.00		NIL
Transfer from #10. . . . .	3,500.00			
10. Cooperation with U. S. Departments & for Organizing Conservation & Irr. Districts. . . . .	50,000.00	40,935.81		64.19
Less Transfers . . . . .	9,000.00			
11. Small Projects & Other Investigations. . . . .	100,000.00	102,399.70		136.92
Collections and Refunds. . . . .	2,536.62			
	<u>\$459,026.25</u>	<u>\$457,910.71</u>		<u>\$1,115.54</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
 MONTHLY REPORT OF APPROPRIATIONS AS OF FEBRUARY 29, 1956  
 CONSTRUCTION & RECONSTRUCTION DRAIN OR IRRIGATION  
 1953-1957

Appropriation Title	Available July 1, 1953	Expenditures to February, 1956	Balance Feb., 1956
Construction and Reconstruction Drains or Irrigation	<u>\$140,000.00</u>	<u>\$3,117.56</u>	<u>\$86,665.36</u>
	<u>\$140,000.00</u>	<u>\$3,117.56</u>	<u>\$86,665.36</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
 MONTHLY REPORT OF APPROPRIATIONS AS OF FEBRUARY 29, 1956  
 CONSTRUCTION BOND GUARANTY FUND (CONTINUING APPROPRIATION)

Appropriations Title	Balance July 1, 1953	Expended	Balance Feb. 29, 1956
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>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
DEPOSITS IN THE BANK OF NORTH DAKOTA  
FEBRUARY 29, 1956

Source of Deposits	Transit Number	Amount Deposited	Expended Feb. 29, 1956	Balance Feb. 29, 1956
Collections on Yellowstone Pumping Irrigation District \$3,500 warrant. Tax collections for partial payment of interest and principal to April, 1953.				
Contributions for Groundwater Surveys:		501-118	\$ 2,021.65	\$ 2,021.65
Fessenden	\$1,000.00	Hunter	\$ 750.00	
Mountain	100.00	Tioga	1,000.00	
Maddock	750.00	Mohall	1,000.00	
Lakota	1,000.00	Richardton	750.00	
Rolla	750.00	Bowbells	1,000.00	
Devils Lake	7,500.00	Michigan	580.00	
Aneta	1,000.00	Wimbledon	1,000.00	
Litchville	1,000.00	Fairmount	1,000.00	
Wynndmere	1,000.00	Hope	1,000.00	
Portland	700.00	Sharon	250.00	
Kindred	1,000.00	Stanley	1,500.00	
Myle	250.00	Upham	750.00	
Neche	300.00	Minnewaukan	1,000.00	
Transfer	.10	Streeter	1,000.00	
St. John	750.00	Powers Lake	250.00	
Hankinson	1,000.00	Landa	250.00	
Grafton	500.00	Hettinger	2,500.00	
		501-128	\$36,180.60	\$20,726.13
Booklet		501-127	2,887.57	2,002.06
TOTAL OF ALL BANK OF NORTH DAKOTA DEPOSITS AS OF FEBRUARY 29, 1956				<u>\$18,361.63</u>

PAYROLL  
NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
FEBRUARY 29, 1956

(Permanent Employees)

Name	Position	Pay Grade	Salary Feb.	With-tax	N.D. OASIS	Hosp. Ins.	Savings Bonds	Net Pay	Remarks
Hoisveen, Milo	State Eng.-Chief Eng.	K-6	\$651.67	\$88.80	\$13.03	\$11.10	\$18.75	\$519.99	Inc. July, '55
Anderson, Albin S.	Field Engineer	B-5	354.67	54.10	7.09	4.35	6.25	282.88	Adj. Aug., '55
Baesler, Gordon	Draftsman	B-3	155.16	17.10	3.10			134.36	Inc. Dec., '55
Clark, Lorraine	Bookkeeper	G-5	214.67	28.50	4.29	11.10		170.78	Inc. Dec., '55
Cooper, Vernon S.	Assistant Secretary	K-3	600.67	61.60	12.01	11.10		515.96	Inc. July, '55
Duppong, Esther	Clerk-Typist	B-9	206.67	27.10	4.13	4.35		171.09	Inc. July, '55
Fredrickson, Fred	Planning Coordinator		252.00	5.40	5.04			231.56	Inc. Aug., '54
Johnson, Lloyd	Construction Foreman	F-3	335.67	29.80	6.71	11.10		288.06	Inc. Dec., '54
Knutson, Lewis	Driller	B-3	196.67	26.20	3.93			166.54	Inc. Dec., '55
Kounts, Stanley	Construction Engineer	H-4	454.17	51.00	9.08	11.10		382.99	Inc. July, '55
Nordstrom, Franz	Equipment Foreman	F-3	335.67	29.80	6.71	11.10		288.06	Inc. July, '55
Putz, Roy	Rodman	A-4	163.50	19.20	3.27	4.35		136.68	Inc. July, '55
Radspinner, Art	Instrumentman	F-4	345.17		6.90			338.27	Inc. July, '55
Reiter, Daniel	Rodman	B-4	241.67	23.60	4.83			213.24	Inc. Dec., '55
Schweigert, Luella	Chief Steno.		250.00	45.40	5.00			199.60	Start Dec., '55
Sell, Nancy	File Clerk	A-4	163.50	19.20	3.27			141.03	Start Dec., '55
Sheldon, Marvin	Office Engineer	H-4	454.17	41.00	9.08	11.10		392.99	Inc. July, '55
Westgate, Sam	Ass't State Engineer.	K-3	600.67	31.60	12.01	11.10		545.96	Inc. July, '55



PAYROLL OF  
NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
FEBRUARY 29, 1956

(Temporary Employees)

Name	Position	Feb. Salary	With- Tax	N.D. OASIS	P.P. Taxes	Net Pay	
Haarsager, Alfred Jr.	Laborer	\$124.50	\$18.00	\$2.50		\$104.00	Working by the hour
Markuson, Benhard	Laborer	33.08	3.70	.66		28.72	" " " "
Ronning, Ole	Operator	280.02	41.40	5.59		233.03	" " " "
Rufsvold, Linas	Laborer	229.42	5.00	2.58		219.83	" " " "
Stasch, Alfred	Laborer	141.89	2.60	2.45		136.45	" " " "
Stasch, Johnny	Laborer	163.14	20.20	3.26		139.68	" " " "
Walterson, Howard	Operator	275.64	40.30	5.51		229.83	" " " "
Walterson, Millard	Laborer	231.84	32.70	4.64		195.50	" " " "