

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

Fund No.	Available July, 1955	Expended to July 1, 1955	Balance July 31, 1955
1. Commissioners-Per Diem & Expense.	\$ 6,000.00	\$	\$ 6,000.00
2. Administrations.	40,000.00	1,671.95	38,328.05
3. Maintenance of Dams.	100,000.00	1,580.35	98,419.65
4. International & Interstate-Commission's Conference Expenses.	8,000.00		8,000.00
5. Topographic & Conservation Cooperation with U.S.G.S..	30,000.00		30,000.00
6. Hydrographic & Conservation Cooperation with U.S.G.S.	25,000.00		25,000.00
7. Engineering & Geological Survey & Dem.	35,000.00	556.92	34,443.08
8. Cooperation with U.S. Departments & for Organizing Conservation & Irrigation Districts.	40,400.00	1,104.49	39,295.51
9. Small Projects & Investigations & Surveys Surveys.	106,000.00	3,882.33	102,117.67
10. Water Right Investigations.	<u>12,000.00</u>		<u>12,000.00</u>
	<u>\$ 402,400.00</u>	<u>\$ 8,796.04</u>	<u>\$ 393,603.96</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
 MONTHLY REPORT OF APPROPRIATIONS AS OF July 31, 1955
 1953-55 APPROPRIATIONS

Fund No.	Available July, 1953	Expended to June 30, 1955	Expended to July 1, 1955	Balance July 30, 1955
1. Commissioners-Per Diem & Expense.	\$ 6,000.00	\$ 4,197.25	\$ 814.97	\$ 987.78
2. Administrations.	40,000.00	38,526.18	224.00	1,481.66
Collections and Refunds.	231.84			
3. Maintenance of Dams.	100,000.00	125,209.19	8,558.60	20,098.43
Refunds and Deposits.	53,866.22			
4. International & Interstate-Commission's Conference Expenses.	8,000.00	7,189.22	204.34	606.44
5. Topographic & Conservation Cooperation with U.S.G.S.	30,000.00	29,196.08	3,803.92	NIL
Transfer from #10.	3,000.00			
6. Hydrographic & Conservation Cooperation with U.S.G.S.	25,000.00	19,977.12	4,796.44	2,726.44
Transfer from #10.	2,500.00			
7. Salary-State Engineer.	6,000.00	5,750.00	250.00	NIL
9. Engineering & Geological Survey & Dem.	35,000.00	32,388.63	38.84	6,072.53
Transfer from #10.	3,500.00			
10. Cooperation with U.S. Departments & for Organiz- ing Conservation & Irr. Districts.	50,000.00	40,910.58	25.23	64.19
Less Transfers.	9,000.00			
11. Small Projects & Other Investigations.	100,000.00	87,795.70	1,104.84	13,636.06
Collections and Refunds.	2,536.62			
	\$ 454,556.22	\$ 391,139.95	\$ 19,821.19	\$ 45,673.54

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

Appropriation Title	Available July 1, 1953	Expenditures to July, 1955	Balance July, 1955
Construction and Reconstruction Drains or Irrigation	\$ <u>140,000.00</u>	\$ <u>3,744.04</u>	\$ <u>113,415.79</u>
	140,000.00	3,744.04	113,415.79

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

Appropriation Title	Balance July 1, 1953	Expended	Balance July 31, 1955
Construction Bond Guaranty Fund	\$ <u>70,541.00</u>	<u>NIL</u>	\$ <u>70,541.00</u>
	\$ 70,541.00	NIL	\$ 70,541.00

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

Source of Deposits	Transit Number	Amount Deposited	Expended July 31, 1955	Balance July 31, 1955
Collections on Yellowstone Pumping Irrigation District \$3,500.00 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		
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	15,454.47
Booklet	501-127	2,887.57	1,488.32	<u>1,399.25</u>
TOTAL OF ALL BANK OF NORTH DAKOTA DEPOSITS AS OF JULY 31, 1955				\$ 18,875.37

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

(Permanent Employees)

Name	Position	Pay Grade	Salary July	With-Tax	N.D. Oasis	Hosp. Ins.	Savings Bond	Net Pay	Remarks
Hoisveen, Nilo	State Engr.-Sec'y&Ch. Eng.	K-6	651.67	88.80	13.03	9.65		540.19	Increased July 1, 1955
Anderson, Albin S.	Field Engineer	F-5	354.67	54.10	7.09	4.15		289.33	Adj. August, 1954
Arten, Duane	Rodman	A-1	150.00	17.00	3.00			130.00	Started June 6, 1955
Berge, George	Rodman	A-1	150.00	27.00	3.00			120.00	Started May 24, 1955
Clark, Loraine	Bookkeeper	B-8	201.67	26.40	4.03	9.65		161.59	Increased July, 1955
Cooper, Vernon S.	Assistant Secretary	K-3	600.67	71.60	12.01	9.65		507.41	Increased July, 1955
Duppong, Esther	Clerk typist	B-9	206.67	27.10	4.13	4.15	18.75	152.54	Increased July, 1955
Frederickson, Fred	Planning Coord.	D-5	252.00	15.40	5.04			231.56	Increased Aug., 1954
Fughes, Lynda	File Clerk	B-7	196.67	25.60	3.93	4.15	18.75	144.24	Increased July, 1955
Johnson, Lloyd	Construction Foreman	F-3	335.67	29.80	6.71	9.65		289.51	Increased Dec., 1954
Johnson, Robert	Administrative Assistant	B-3	175.00	21.30	3.50			150.20	Started July 1, 1955
Kounts, Stanley J.	Construction Engineer	H-4	432.67	49.20	8.65	9.65		365.17	Increased July, 1955
Lobb, Laleah Jo	Steno.	A-3	168.00	30.60	3.36			134.04	Increased July, 1955
Mees, LaDarana	Draftsman	D-1	225.00	20.70	4.50			199.80	Started Aug., 1954
Messer, Ervin	Rodman	B-2	171.67	20.60	3.43	4.15		143.49	Started April 18, 1955
Myers, Thomas	Draftsman	D-1	225.00	10.70	4.50			209.80	Working full days
Nordstrom, Franz	Equipment Foreman	F-3	335.67	29.80	6.71			299.16	Increased July, 1955
Olson, Arthur	Instrumentman	D-2	231.75	31.40	4.64			195.71	Increased July, 1955
Olson, John	Rodman	A-1	150.00	17.00	3.00			130.00	Started June 6, 1955
Pederson, Marlene	Chief Steno.	D-7	265.50	38.20	5.31	4.15		217.84	Increased July, 1955
Putz, Roy	Rodman	A-4	163.50	19.20	3.27	4.15		136.88	Increased Aug., 1954
Radspinner, Arthur	Instrumentman	F-3	335.67		6.71			328.96	Increased July, 1955
Reiter Daniel	Rodman	A-4	181.67	22.80	3.63			155.24	Started Jan. 1, 1955
Sheldon, Marvin	Office Engineer	G-8	443.67	41.00	8.87	9.65		384.15	Increased July, 1955
Tucker, Kenneth	Rodman	A-1	150.00	17.00	3.00			130.00	Started May 31, 1955
Wahl, Robert	Instrumentman	B-2	324.34	48.70	6.24	4.15		265.25	Increased June, 1955
Westgate, Sam	Ass't. State Engineer	K-3	600.67	31.60	12.01	9.65		547.41	Increased July, 1955

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PAYROLL OF
NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
JULY, 1955

(Temporary Employees)

Name	Position	Salary July	With- Tax	N. Dak. Oasis	P.P. Taxes	Net Pay	Remarks
Danielson, Roy	Driller	292.13	17.20	5.75		269.18	U.S.G.S. payroll by hour
McMaster, George	Driller	292.13	40.30	5.75		246.08	U.S.G.S. payroll by hour
Ronning, Ole	Operator	252.00	31.80	4.51		215.69	Working by the hour
Russell, Vernon	Laborer	41.40	5.20	.62		35.58	Working by the hour
Schmitke, Arnold	Laborer	68.13	10.10	1.36		56.67	Working by the hour
Walterson, Howard	Operatr	221.60	30.90	3.92		186.78	Working by the hour
Walterson, Millard	Laborer	68.13	10.10	1.36		56.67	Working by the hour

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STATE WATER CONSERVATION COMMISSION
Minutes of Meeting
Held in Lake Metigoshe Boy Scout Camp
August 17, 1955

A regular meeting of the North Dakota State Water Conservation Commission was called to order on August 17, 1955, at the Lake Metigoshe Boy Scout Camp to consider regular business matters and to discuss the proposed Lake Metigoshe project. The meeting was preceded by a motor launch tour of Lake Metigoshe. The following were present:

MEMBERS OF STATE WATER CONSERVATION COMMISSION:

Curtis Olson, Vice-Chairman, Member from Valley City
A. M. Christensen, Member from Minot
Oscar Lunseth, Member from Grand Forks
Math Dahl, Member from Bismarck, Commissioner of Agriculture and Labor
Einar H. Dahl, Member from Watford City
Milo W. Hoisveen, Secretary and Chief Engineer, State Engineer

OTHERS PRESENT AT THE MEETING:

J. G. Cowan, Deputy Minister, Department of Mines and Natural Resources,
Manitoba Provincial Government, Winnipeg, Manitoba
B. B. Hogarth, Director, Water Resources Branch, Winnipeg, Manitoba
Lt. Governor C. P. Dahl, Cooperstown
Rep. Martin Vinje, Bottineau
H. R. Morgan, State Game and Fish Commissioner, Bismarck
Harlan Erskine, District Engineer, U. S. Geological Survey, Bismarck
W. H. Fuller, Secretary, Lake Metigoshe Improvement Association, Minot
Almer Lindberg, Bottineau County Commissioner, Bottineau
Edgar Moe, Minot
Ed Hamrey, Minot
Glynn H. North, Attorney, Deloraine, Manitoba
Fred J. Fredrickson, Planning Coordinator, State Water Conservation Commission
Mr. Cordy, Bottineau
J. C. Eaton, Minot
Tim Anderson, Granville
Richard Oium, Chairman, Eaton Project, Towner
Senator Harvey B. Knudson, Mayville
Rep. Oscar J. Sorlie, Buxton
Rep. Harvey G. Wambheim, Hatton

The meeting was called to order at 11:25 a.m. by Vice-Chairman Curtis Olson with Commissioners A. M. Christensen, Oscar Lunseth, Math Dahl, Einar H. Dahl, Planning Coordinator Fred J. Fredrickson, Secretary Milo W. Hoisveen and the Lake Metigoshe delegation present.

It was moved by Commissioner Oscar Lunseth, and seconded by Commissioner A. M. Christensen, that the minutes of the meeting held on July 18, 1955, be approved. All Commissioners voted aye and the motion carried.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Math Dahl, that the Financial Statements for July, 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 stated that Lake Metigoshe, which is located in the Turtle Mountains approximately 15 miles north of Bottineau, is currently enjoying a period of lush years as a resort area in view of the fact that ample runoff from rain and snow has been available to keep the water level near or above the spillway crest of 2,138 feet. It was estimated that the present property value in the vicinity of Lake Metigoshe approximates \$1,250,000, including the estimated 500 cabins along the shoreline in the United States and Canada. Lake Metigoshe, which covers 1520 surface acres, is an international problem in view of the fact that a portion of the lake extends into Canada.

It was pointed out by Secretary Hoisveen that in 1931 the State Engineer Department made topographic surveys of Lake Metigoshe and a portion of the Rost Lake drainage area relative to a possible storage reservoir for use in replenishing receding waters in Metigoshe. In 1953 the State Water Conservation Commission obtained supplemental surveys consisting of profiles between Canadian and American lakes for the study of drainage and reservoir possibilities. A reconnaissance survey of the Canadian drainage area to Lake Metigoshe was also made. Secretary Hoisveen reported that the Lake Metigoshe drainage area approximates only 37 square miles of which a considerable portion lies in Canada.

The project, as proposed by the State Water Conservation Commission, calls for storing water in the Rost Lake Reservoir for use in stabilizing the level of Lake Metigoshe during periods of inadequate precipitation. The reservoir would be filled through the diversion of water from the Sharpe Lake and the Rost Lake drainage areas. The estimated cost of the project is \$52,000.00.

According to the plan, a dam would be constructed between Lake Metigoshe and School Section Lake with the resulting reservoir inundating 808 acres at the top reservoir elevation of 2,155. When the reservoir reached this depth it would be 17.0 feet higher than Lake Metigoshe. The drainage area feeding this proposed reservoir constitutes 11 square miles. The total storage capacity would be 7,463 acre feet.

Secretary Hoisveen pointed out that approximately 16 square miles in Canada contribute water to Lake Metigoshe through Lake Dromore. Sharpe Lake has a surface area of 717 acres and would provide an ideal reservoir site for storing water in years of runoff. The U. S. Geological Survey has determined through the use of gaging stations that 7,736 acre feet of water entered Lake Metigoshe from Lake Dromore during the 1953-55 water year and 2,303 acre feet entered from School Section Lake during the same period. In 1931 and 1932 evaporation records kept by the State Engineer's office showed that 22 inches of evaporation occurred off Lake Metigoshe per year.

According to Secretary Hoisveen, Rost Lake would constitute the primary reservoir; however, through the construction of a diversion structure, water could be diverted from Sharpe Lake into Rost Lake. Secretary Hoisveen pointed out that evaporation would not be as great if Rost Lake was used as the reservoir in place of spreading the water over two reservoirs. The cost of the Rost Lake project approximates \$29,700.00. The accomplishment of a canal system with the necessary control structures would add about \$23,000.00 to the cost of the proposed project.

Harlan Erskine, District Engineer for the U. S. Geological Survey,

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reported that the U. S. Geological Survey has been working cooperatively with the State Water Conservation Commission in an attempt to obtain more information pertaining to the water yield in the Turtle Mountain area. Mr. Erskine reported that a gaging station was established at the "Maid of Moonshine" bridge that computed the outflow discharge from Lake Metigoshe, as well as the inflow records. Gages were also stationed at School Section Lake and Lake Dromore. Mr. Erskine said that results from these gages have shown that approximately one-half of the flow into Lake Metigoshe comes from the Lake Dromore area while approximately 15 per cent originates in the Rost Lake drainage area. He also pointed out that Lake Dromore is actually the same elevation as Lake Metigoshe and that the channel connecting the two lakes can be navigated except for a sunken bridge. It was Mr. Erskine's opinion that the Lake Dromore area could be developed if the connecting channel was improved.

J. G. Cowan, Deputy Minister, Department of Mines and Natural Resources, Manitoba Provincial Government, commented that it was not possible to definitely pledge Manitoba's participation in this project until the proposed project reaches a more definite stage. It was Mr. Cowan's opinion that his government would not be adverse to the proposed project if an application was made by the United States proponents.

H. R. Morgan, State Game and Fish Commissioner, pointed out that fishing plays a tremendous part in the development of a lake for recreational facilities. He stated that the Game and Fish Department is very interested in maintaining the level of the lake at approximately the present elevation so that it will adequately sustain fishlife over the years. Mr. Morgan averred that the Game and Fish Department would participate in the project if and when it becomes a reality.

Vice-Chairman Curtis Olson informed those present that the State Water Conservation Commission is limited in its participation in such projects, making it necessary for local proponents of the project to share in the costs. Vice-Chairman Olson stated that since it is necessary for the Commission to deal with some other agency in such projects, it would be advisable for the local proponents to form a water conservation and flood control district.

Secretary Milo W. Hoisveen briefly outlined the procedure pertaining to the formation of a water conservation and flood control district. He pointed out that a district would afford the proponents a legal entity with which they could deal with various agencies for the construction of the proposed project. This entity would permit the district to levy a tax on all taxable property within its boundaries on the basis of 3 mills. It also provides that special assessments can be levied against all benefited property within the district. Secretary Hoisveen stated that the district could be formed by the State Water Conservation Commission upon petition by the county commissioners or a majority of the freeholders. After the creation of the district, a board of commissioners is then appointed by the county commissioners to carry on the functions of the district.

It was the opinion of Fred J. Fredrickson, Planning Coordinator for the State Water Conservation Commission, that if the entire county is affected and could be included in the district, many of the access roads leading to the lake could be improved through the use of funds raised by the district. Mr. Fredrickson also pointed out that if the entire county is included in the district it would afford considerably more money for the project.

Representative Martin Vinje expressed the idea that Lake Metigoshe does

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not only serve Bottineau County but serves the whole state of North Dakota. He said that only a small portion of the cabin owners live in Bottineau County. Therefore, he thought it would be unjust to create a district consisting of the entire county in view of the fact that the farmers have little interest in the proposed project.

W. H. Fuller, Secretary of the Lake Metigoshe Improvement Association, pointed out that if Lake Metigoshe was taken out of Bottineau County it would have a tremendous effect on the county's prosperity. Mr. Fuller stated that the taxable value of the 500 cabins surrounding the lake approximates \$500,000. He further said that the cottage owners spend considerable money in Bottineau County and therefore the whole county should be included in the proposed district.

It was suggested by Vice-Chairman Curtis Olson that the local proponents of the project hold a meeting and decide if they want to create a water conservation and flood control district and if so, what area should be included in the district. He further stated that the State Water Conservation Commission would give them all the engineering support possible and would aid them in any way. Secretary Hoisveen assured the delegation that if they so desire, a representative of the Commission would be present at their meeting to explain the formation of a water conservation and flood control district in more detail. He also pointed out that further survey work would be necessary to determine a more suitable location for the Sharpe Lake diversion canal and also to determine the estimated costs of various phases of the proposed project.

The Lake Metigoshe delegation left the meeting at 12:30 o'clock p.m.

Vice-Chairman Curtis Olson read a letter from Rex L. Stair, Clerk of the Bottineau County Drain Board requesting that the State Water Conservation Commission participate in the construction of Baumann Drain #2, located near Westhope, North Dakota. The estimated cost of the proposed drain is \$23,176.60; however, this estimate includes charges for legal assistance in the amount of \$600.00 for which the Commission will not share costs. It was also questioned as to whether or not the culverts included in the cost estimate were section line culverts as the Commission does not participate in the cost of such culverts.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Math Dahl, that the State Water Conservation Commission authorize an allocation of \$6,000.00 from the 1953-57 drainage appropriation for participation in the construction of Baumann Drain #2 in Bottineau County. Upon roll call by Vice-Chairman Curtis Olson, Commissioners Oscar Lunseth, A. M. Christensen, Math Dahl, Einar H. Dahl and Vice-Chairman Olson all voted aye. Motion carried.

Letters from Donald Erickson, Carpio Village Clerk and Gladys C. Pederson, Ward County Auditor, pertaining to the repair of Carpio Dam was read to the Commissioners by Vice-Chairman Curtis Olson. The estimated cost of the repairs is \$3,000.00 of which Ward County will contribute \$1,100.00 and the Village of Carpio will pay \$400.00.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Oscar Lunseth, that the State Water Conservation Commission repair Carpio Dam and authorize participation to the extent of one-half of the cost of repairs. Upon roll call by Vice-Chairman Curtis Olson, Commissioners Oscar Lunseth, A. M. Christensen, Math Dahl, Einar H. Dahl and Vice-Chairman Olson all voted aye. Motion carried.

Secretary Milo W. Hoisveen reported that local proponents have requested

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that the level of Buffalo Lake in Pierce County be raised. According to Secretary Hoisveen, the lake, which covers approximately 919 acres and has an extensive drainage area, is a very beautiful recreational area. Proponents of the project are the Esmond Sportsmen Club and the State Game and Fish Department. The estimated cost of the project is \$6,000.00 of which the State Water Conservation Commission is requested to pay one-third, subject to local participation.

The meeting recessed at 12:45 o'clock p.m. and reconvened at 2:00 o'clock p.m. with Vice-Chairman Curtis Olson, Commissioners A. M. Christensen, Math Dahl, Einar H. Dahl, Oscar Lunseth, Planning Coordinator Fred J. Fredrickson, Secretary Milo W. Hoisveen, H. R. Morgan, J. C. Eaton, Tim Anderson, Mr. Oium and the Golden Lake Restoration delegation present.

Secretary Milo W. Hoisveen reported that in response to a request from H. R. Morgan, State Game and Fish Commissioner, some survey work has been carried out at Buffalo Lodge Lake in McHenry County. The survey was run to determine if any additional land would be flooded if the level of the lake was raised through the construction of a control structure. The present elevation of the lake is 1477.9. Secretary Hoisveen reported that a possible diversion project from Egg Coulee into Buffalo Lodge Lake was explored; however, wherever borings were made the water would immediately come up to the level of the lake. The Bureau of Reclamation had previously kept a log of wells in this area and it showed that the whole area is underlaid with water. Buffalo Lodge Lake and others are probably the result of glacier-ice deposits. Secretary Hoisveen stated that it would not be feasible to construct a dam on the lake without obtaining further information by drilling more test holes.

Tim Anderson of Granville reported that the water is moving out of Buffalo Lodge Lake to the north and is inundating valuable farmlands. He stated that a dam had previously been constructed at the end of North Lake and that this dam remained in place until it was removed. According to Jonathan C. Eaton, Minot, this dam was removed because it was flooding a great deal of meadowland. Mr. Eaton stated that when the dam was in place some levels were run and the elevation of North Lake was 1476 and the elevation of South Lake was 1477. He also reported that the elevation on the upstream side was 1480.1 and on the downstream side it was 1478.3.

Representative Martin Vinje entered the meeting at 2:15 o'clock p.m.

State Game and Fish Commissioner H. R. Morgan stated that the Game and Fish Department is interested in maintaining the level of the lake at or near 1478.2 so that the lake will better sustain fishlife. He said that if the lake cannot be maintained at that level, it would be infeasible for his department to make any more expenditures for the project.

Secretary Milo W. Hoisveen stated that it would be possible to construct a temporary sandbag structure to determine the feasibility of damming the water. According to Secretary Hoisveen, some sheet piling could also be placed in the structure with the sandbags. The cost of constructing such a structure would approximate \$600.00 to \$1,000.00. It was proposed that McHenry County, the State Game and Fish Department and the State Water Conservation Commission each pay one-third of the costs.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Math Dahl, that the State Water Conservation Commission authorize payment of one-third of the cost up to \$300.00 of the construction of a temporary dam at

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Buffalo Lodge Lake in cooperation with McHenry County and the State Game and Fish Department. Upon roll call by Vice-Chairman Curtis Olson, Commissioners Oscar Lunseth, A. M. Christensen, Math Dahl, Einar H. Dahl and Vice-Chairman Olson all voted aye. Motion carried.

Richard Oium, Chairman, Eaton Project, informed the Commissioners that it would be desirable to clean out and extend the Eaton Drainage Ditch #2. Mr. Oium stated that this ditch is about one-half mile long and that approximately 3,137 cubic yards of earth would have to be excavated. The estimated cost of the project is \$800.00.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Math Dahl, that the State Water Conservation Commission participate in the repair of Eaton Drainage Ditch #2 and allocate \$320.00 for the State Water Conservation Commission's 40 per cent share of the cost of repairs. Upon roll call by Vice-Chairman Curtis Olson, Commissioners Oscar Lunseth, A. M. Christensen, Math Dahl, Einar H. Dahl and Vice-Chairman Olson all voted aye. Motion carried.

The Buffalo Lodge Lake delegation left the meeting at 2:40 o'clock p.m.

Rep. Harvey Wambheim stated that there is a great deal of local interest pertaining to the restoration of Golden Lake and Rush Lake. This project lies in the northeast portion of Steele County approximately 13 miles northeast of Finley. It is 19 miles from the Portland-Mayville vicinity and serves a wide area as an outstanding recreational facility. Rush Lake is noted for its waterfowl.

Secretary Milo W. Hoisveen briefly explained the Golden Lake Restoration Project. It is proposed to construct a dam, 10 feet in height, on the Beaver Creek which is an intermittent tributary of the Goose River. There has been approximately 1800 acre feet of runoff recorded in Beaver Creek so far this year. The water would then be run into an open ditch through an outlet works down to Rush Lake, thence it would pass through a natural drain into Golden Lake. Golden Lake would be raised to approximately elevation 97.0 and would have a depth of 19 feet. The overflow water would continue to North Lake and eventually the water could be returned into Beaver Creek; however, this feature is not included in the proposed plan. The initial water requirements to fill Golden Lake would be 4,372 acre feet. It would require 66 days to fill Rush Lake with the same flow. Secretary Hoisveen stated that it might be advisable to at least double the size of the proposed canal to at least 100 c.f.s. in order to fill the lake more rapidly in view of the short but rapid runoff that occurs in Beaver Creek. It was also suggested that additional upstream storage sites should be investigated to insure more water for the project as the runoff may be too rapid to provide an adequate supply for the lakes if solely dependent on diversion facilities. The estimated cost of the project is \$69,100.00.

Harlan Erskine, District Engineer, U. S. Geological Survey, reported that the U. S. Geological Survey has been cooperating with the State Water Conservation Commission in making hydrological studies on Beaver Creek in an effort to determine what flow might be expected at the proposed point of diversion. He stated that one very important factor in the development of this project is the utilization of the runoff water when it is available. Mr. Erskine also commented favorably towards obtaining additional storage facilities.

H. R. Morgan, State Game and Fish Commissioner, averred that the State

Game and Fish Department would participate in the project up to 50 per cent of the estimated cost of \$69,100.00 if the State Water Conservation Commission would be responsible for the other 50 per cent. The U. S. Fish and Wildlife Service will reimburse the Game and Fish Department for 75 per cent of their expenditure. Mr. Morgan pointed out that this project should be undertaken as soon as possible while local interest is still high.

Representative Wambheim reported that the local proponents will raise enough funds to cover the necessary easements and land acquisition. However, he stated that it is rather difficult to go ahead with the necessary work until it has been definitely established that the project will be an actuality.

Vice-Chairman Curtis Olson informed the delegation that it was impossible at this time to state whether or not the project could be undertaken; however, he stated that this matter would be taken into consideration and an answer would be determined at the next Commission meeting. He indicated that it would also be necessary to check on the availability of funds for construction purposes in view of the large amount requested for the project.

The Golden Lake delegation and Martin Vinje left the meeting at 3:20 o'clock p.m.

Vice-Chairman Curtis Olson read a portion of the minutes of the meeting held May 21, 1954, pertaining to a request that the State Water Conservation Commission participate in the repair of Cat Coulee Dam in Grant County. At that time no definite action was taken on the project. Secretary Milo W. Hoisveen estimated that the repairs will cost \$7,000.00. The State Game and Fish Department, Grant County and the State Water Conservation Commission will share the costs equally.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Math Dahl, that the State Water Conservation Commission participate in the repair of Cat Coulee Dam in Grant County and authorize participation to the extent of one-third of the cost of repairs or approximately \$2,333.00. Upon roll call by Vice-Chairman Curtis Olson, Commissioners Oscar Lunseth, A. M. Christensen, Math Dahl, Einar H. Dahl and Vice-Chairman Olson all voted aye. Motion carried.

Commissioner Oscar Lunseth reported that a delegation from Portland, North Dakota, had recently contacted him relative to the construction of a dam at Portland. Commissioner Lunseth stated that they desire to replace the old dam with a new structure in order to insure a constant flow in the Goose River for their municipal water supply. This dam would also afford them needed recreational facilities.

A portion of the minutes of the November 29, 1951, meeting pertaining to a request for the construction of such a dam was read by Vice-Chairman Curtis Olson. Secretary Milo W. Hoisveen stated that no cost estimate is available for the proposed dam and that the State Water Conservation Commission survey crews are currently taking some soil borings in order to ascertain whether or not the dam would provide a source of water which might be utilized in raising the water level in the city wells. The State Game and Fish Department will also be asked to participate in the cost of this project which will be approximately \$27,000.00 or more. The proposed dam is located in an area that is noted for presenting footing difficulties.

The Commissioners were informed by Secretary Milo W. Hoisveen that a

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representative from the factory is coming to demonstrate the Bondactor machine which the State Water Conservation Commission recently purchased. This machine will enable repair crews to pressure grout the face of a dam which will insure added life to dams. In view of the fact that a dam is needed for demonstration purposes, it was proposed that Spring Lake Dam would be a logical choice. This dam, which is located southwest of Rhame, was raised an additional two feet last year as a result of a request by local proponents. Secretary Hoisveen read a letter from H. R. Morgan, State Game and Fish Commissioner, confirming that the State Game and Fish Department will be responsible for one-half of the cost of the repair work, not to exceed \$1,500.00.

It was moved by Commissioner Oscar Lunseth, and seconded by Commissioner Einar H. Dahl, that the State Water Conservation Commission repair Spring Lake Dam and authorize participation to the extent of one-half of the costs of the repair. Upon roll call by Vice-Chairman Curtis Olson, Commissioners Oscar Lunseth, Math Dahl, A. M. Christensen, Einar H. Dahl and Vice-Chairman Olson all voted aye. Motion carried.

Vice-Chairman Curtis Olson read a resolution from the Board of County Commissioners of McLean County relative to the county's participation in the proposed Wildwood Lake Diversion Project. It is proposed to restore the level of Wildwood Lake by diverting water from Painted Woods Lake. The State Game and Fish Department, McLean County and the State Water Conservation Commission will each pay one-third of the cost of the proposed project which approximates \$8,600.00.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Math Dahl, that the State Water Conservation Commission participate in the Wildwood Lake Restoration Project and authorize participation to the extent of one-third of the costs of the project. Upon roll call by Vice-Chairman Curtis Olson, Commissioners Oscar Lunseth, A. M. Christensen, Math Dahl, Einar H. Dahl and Vice-Chairman Olson all voted aye. Motion carried.

Secretary Milo W. Hoisveen reported that as yet no definite action has been taken relative to the proposed reconstruction of Olson Dam, located north-east of Wilton. The proposed plan includes the construction of a modified glory-hole spillway. Easements have been obtained but the project is stalemated because of one local objector. The cost estimate for the project approximates \$27,600.00. Burleigh County and the State Game and Fish Department have been asked to participate in the project.

State Game and Fish Commissioner H. R. Morgan left the meeting at 3:45 o'clock p.m.

It was reported by Secretary Milo W. Hoisveen that he and Planning Coordinator Fred J. Fredrickson had attended a joint meeting of the Chain Lakes and the Sweetwater-Dry Lake Water Conservation and Flood Control District Boards of Directors recently at Devils Lake. Secretary Hoisveen stated that the two boards of directors passed a resolution requesting the Corps of Engineers to start survey work and investigations as soon as possible and also inviting the District Engineer to meet with the boards of directors and other interested agencies at an early date.

It was moved by Commissioner Math Dahl, and seconded by Commissioner Oscar Lunseth, that the State Water Conservation Commission request the District Engineer of the Corps of Engineers to meet with the Boards of Directors of the Chain Lakes and Sweetwater-Dry Lake Water Conservation and Flood Con-

trol Districts at an early date. Upon roll call by Vice-Chairman Curtis Olson, all Commissioners voted aye and the motion carried.

Secretary Milo W. Hoisveen reported that Mr. Sandness of the A.C.P., Mr. Sachan of the A.S.C. and Mr. Walter Augustadt of the Soil Conservation Service met with him in the Commission office relative to obtaining a statement or a resolution from the Commission stating the Commission's opinion on indiscriminate drainage practices in the Mauvais Coulee drainage area. These agencies, who represent the Department of Agriculture, desire the statement to support their stand against making incentive payments for individual drains in the affected area. The desirability of discouraging this type of drainage might aid in obtaining a greater participation of Towner County farmers in the Chain Lakes Water Conservation and Flood Control District.

The following resolution was presented by Commissioner Math Dahl, who moved its adoption, which motion was seconded by Commissioner Oscar Lunseth.

R E S O L U T I O N

WHEREAS, recurring flooding of Lac Aux Mortes (Lake Alice), operated as a Federal Wildlife Refuge, Lake Irvine, Mauvais Coulee, Dry Lake and Sweetwater Lake in Ramsey County, North Dakota, has inundated upwards of 20,000 acres of fertile farmlands and has caused great economic loss, inconvenience and discomfort to many farm families; and

WHEREAS, investigation by engineers of the State Water Conservation Commission, by the Corps of Army Engineers and others, discloses that drainage of potholes, ponds and sloughs by landowners throughout the watershed area of Mauvais Coulee and its tributary watercourses and in the area draining into Lake Alice, Lake Irvine, Dry Lake and Sweetwater Lake has materially contributed toward the flooding of said farmlands; and

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WHEREAS, investigation also discloses that relief from the flooding, above-mentioned, can be had by construction of adequate drainage facilities and by deepening and improving the lower reaches of Mauvais Coulee; and

WHEREAS, the U. S. Corps of Army Engineers has been requested by this Commission to construct the facilities required to adequately drain waters from the flooded areas and Congress has been asked to provide the necessary funds.

NOW THEREFORE BE IT RESOLVED: by the State Water Conservation Commission in meeting regularly assembled that the construction of further artificial drains to drain surface waters from lands in the watershed area of Mauvais Coulee and its tributary watercourses and from lands in the drainage basins of Lake Alice, Lake Irvine, Sweetwater Lake and Dry Lake should cease until the lower reaches of Mauvais Coulee has been deepened and improved and until adequate facilities have been established for drainage of lands in the vicinity of the lakes mentioned.

Upon roll call by Vice-Chairman Curtis Olson, all Commissioners voted aye and the motion carried.

Fred J. Fredrickson, Planning Coordinator for the State Water Conservation Commission, presented a brief report on federal legislation pertaining to water projects in North Dakota. Mr. Fredrickson stated that \$100,000 was obtained to begin the acquisition of land around Williston, North Dakota, that

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will be affected by the high pool level of Garrison Dam. Mr. Fredrickson reported that U. S. Senator Milton R. Young recently wrote to Sherman Adams, Assistant to the President, inquiring whether or not the Bureau of the Budget would withhold any of these funds. The reply from Mr. Adams gave assurances that funds appropriated for the construction of protective works around Williston will not be withheld by the Bureau of the Budget and that they will not interfere with the use of funds appropriated to purchase land on the Buford-Trenton and Lewis and Clark Irrigation Projects or for other uses as intended.'

Mr. Fredrickson reported that U. S. Senator Milton R. Young will make a trip through North Dakota in the near future to view the various water projects. Stops have been scheduled at Marmarth, Dickinson, Mandan, Walhalla, Grand Forks and Fargo. It was the Commissioners' opinion that the Commission member from the district in which the meetings are held should attend the meetings, if possible, and that the State Engineer should also be in attendance.

It was also reported by Mr. Fredrickson that Fred G. Aandahl, Assistant Secretary of the Department of the Interior, will be in the state during the first week of September. It was suggested by Mr. Fredrickson that a meeting should be held with interested reclamation agencies during Mr. Aandahl's visit to the state. It was proposed that the Missouri-Souris Projects Association of Minot be asked to host this meeting. Commissioner A. M. Christensen and Secretary Milo W. Hoisveen will represent the State Water Conservation Commission at the meeting.

Commissioner Oscar Lunseth suggested that letters of commendation be sent to individuals who aided materially in the 1850-foot Garrison pool level testimony at the congressional hearings in Washington, D. C., dependent upon the desires of the Chairman of the Commission, Governor Brunsdale. Governor Brunsdale will be consulted relative to the advisability of sending out letters of commendation.

It was also suggested by Fred J. Fredrickson, Planning Coordinator, that resolutions be sent to the Mississippi Valley Association and the National R.E.A. for their support of the 1850-foot operating pool level for Garrison Dam.

It was the opinion of Vice-Chairman Curtis Olson that Commission members should attend all meetings pertaining to water projects within their districts, if possible. He stated that he felt it would be beneficial to have the State Engineer present at the various meetings throughout the state.

It was moved by Commissioner Oscar Lunseth, and seconded by Commissioner Math Dahl, that whenever possible the Commission members should attend meetings pertaining to water projects within their district and that the State Engineer should also represent the State Water Conservation Commission at these meetings. Upon roll call by Vice-Chairman Curtis Olson, all Commissioners voted aye and the motion carried.

Vice-Chairman Curtis Olson read a letter from Oscar N. Berg, Secretary of the Missouri-Souris Projects Association reporting a balance of \$493.05 in unpaid bills incurred during the congressional hearings in Washington, D. C.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Oscar Lunseth, that the State Water Conservation Commission authorize payment of \$493.05 to the Missouri-Souris Projects Association for services rendered. Upon roll call by Vice-Chairman Curtis Olson, Commissioners Oscar

Lunseth, A. M. Christensen, Math Dahl, Einar H. Dahl and Vice-Chairman Olson all voted aye. Motion carried.

A letter was read by Vice-Chairman Curtis Olson from Col. Otto J. Rohde, District Engineer of the St. Paul District, Corps of Engineers, requesting that the State Water Conservation Commission clear obstructive material in and along the channel of the Sheyenne River below Kindred, North Dakota. It was pointed out that the State Water Conservation Commission is responsible for this work in view of the fact that assurances were given that the Commission would keep the channel clear. This work will be done in the near future.

Vice-Chairman Curtis Olson read a letter from Mack V. Traynor, Attorney-at-Law, Devils Lake, requesting that the State Water Conservation Commission be represented at the Lake Alice claim hearings which will be held at 10:00 a.m. on September 20 in Devils Lake. Commissioner Oscar Lunseth and Secretary Milo W. Hoisveen will represent the State Water Conservation Commission at the hearings.

Secretary Milo W. Hoisveen presented a letter from Gerald Fitzgerald, Chief Topographic Engineer of the U. S. Geological Survey, enclosing an agreement covering the continuation of topographic surveys in the State of North Dakota for July 1, 1955 to June 30, 1957. This agreement provides for a \$30,000.00 contribution from the State Water Conservation Commission and the U. S. Geological Survey. Mr. William Fuller, Lake Metigoshe Improvement Association, requested information relative to when the U. S. Geological Survey would commence work on the three Metigoshe quadrangles. Secretary Hoisveen indicated that it may start this fall. The Commission requested Secretary Hoisveen to write the U. S. Geological Survey, Topographic Branch, and inform them of their dissatisfaction with the delay in starting the Metigoshe survey.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Einar H. Dahl, that the State Water Conservation Commission enter into an agreement with the U. S. Geological Survey for the continuation of topographic surveys in the State of North Dakota for the period July 1, 1955 to June 30, 1957, with the State Water Conservation Commission and the U. S. Geological Survey each contributing \$30,000.00. Upon roll call by Vice-Chairman Curtis Olson, Commissioners A. M. Christensen, Oscar Lunseth, Math Dahl, Einar H. Dahl and Vice-Chairman Olson all voted aye. Motion carried.

Vice-Chairman Curtis Olson read a letter from H. W. Lyons, Stutsman County Conservancy District Director, expressing appreciation to the State Water Conservation Commission for arranging the tour for the Garrison Diversion Conservancy District Board of Directors in July.

A letter from Mrs. Emanuel Nowatzki, Langdon, North Dakota, was read to the Commission by Secretary Milo W. Hoisveen. Mrs. Nowatzki stated that the City of Langdon had raised their reservoir spillway 3½ feet which raised the water table sufficiently to cause flooding of basements. It was the opinion of the Commission members that this matter was not within their jurisdiction.

Secretary Milo W. Hoisveen presented correspondence from the National Rivers and Harbors Congress pertaining to payment of the annual membership dues.

It was moved by Commissioner A. M. Christensen, and seconded by Commis-

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sioner Oscar Lunseth, that the State Water Conservation Commission authorize payment of \$100.00 and \$10.00 for membership of the State Water Conservation Commission and the State Engineer, respectively, in the National Rivers and Harbors Congress for 1955. Upon roll call by Vice-Chairman Curtis Olson, Commissioners Oscar Lunseth, A. M. Christensen, Math Dahl, Einar H. Dahl and Vice-Chairman Olson all voted aye. Motion carried.

Secretary Milo W. Hoisveen reported briefly on the International Joint Commission meeting held in Winnipeg on July 18, 1955. He stated that three committees were named to investigate and make reports on the following items: 1) possible reservoir and storage facilities on the Souris River; 2) water rights by time and use; 3) designation of noncontributing drainage areas within the Souris River basin. Secretary Hoisveen pointed out that a reservoir site had been proposed above Minot in view of the fact that Lake Darling Dam would not be adequate to hold the water if severe cloudbursts occurred in the area and Minot could be exposed to flooding.

According to Secretary Milo W. Hoisveen, the Missouri Valley Development Association requested that the State Water Conservation Commission adopt a resolution requesting the Bureau of the Budget to allow funds for the planning of the Big Bend Project and the construction and completion of the Oahe Dam, both in South Dakota, on scheduled. Fred J. Fredrickson was requested to prepare such a resolution.

It was moved by Commissioner Oscar Lunseth, and seconded by Commissioner Math Dahl, that the State Water Conservation Commission adopt a resolution requesting the Bureau of the Budget to allow funds for the planning of the Big Bend Project and the completion of the Oahe Dam, both in South Dakota. Upon roll call by Vice-Chairman Curtis Olson, all Commissioners voted aye and the motion carried.

Fred J. Fredrickson, Planning Coordinator for the State Water Conservation Commission, stated that as yet no decision has been reached as to whether or not the Corps of Engineers should install two generators in Garrison Dam now or at a later date. Mr. Fredrickson will present a resolution at the next meeting urging that the two generators be installed immediately.

The meeting adjourned at 4:45 o'clock p.m.

Respectfully submitted,

Milo W. Hoisveen
Secretary

ATTEST:

James B. Munro
Governor

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

Fund No.	Available July, 1955	Expended to July 31, 1955	Expended to Aug. 1, 1955	Balance Aug. 31, 1955
1. Commissioners-Per Diem & Expense	\$ 6,000.00	\$	\$	\$ 6,000.00
2. Administrations	40,000.00	1,671.95	2,046.93	36,311.72
Collections and Refunds	30.60			
3. Maintenance of Dams	100,000.00	1,580.35	6,819.26	91,600.39
4. International & Interstate-Commission's Conference Expenses	8,000.00		176.87	7,823.13
5. Topographic & Conservation Cooperation with U.S.G.S. .	30,000.00			30,000.00
6. Hydrographic & Conservation Cooperation with U.S.G.S.	25,000.00			25,000.00
7. Engineering & Geological Survey & Dem	35,000.00	556.92	1,253.08	33,190.00
8. Cooperation with U.S. Departments & for Organizing Conservation & Irrigation Districts	40,400.00	1,104.49	4,454.66	34,840.85
9. Small Projects & Investigations & Surveys	106,000.00	3,882.33	4,512.17	97,605.50
10. Water Right Investigations	12,000.00		460.99	11,539.01
	<u>\$ 402,430.60</u>	<u>\$8,796.04</u>	<u>19,723.96</u>	<u>\$373,910.60</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
 MONTHLY REPORT OF APPROPRIATIONS AS OF AUGUST 31, 1955
 1953-55 APPROPRIATIONS

Fund No.	Available July, 1953	Expended to July 31, 1955	Expended to Aug. 1, 1955	Balance Aug. 31, 1955
1. Commissioners-Per Diem & Expense	\$ 6,000.00	\$ 5,012.22	\$ 106.86	\$ 880.92
2. Administrations	40,000.00	38,750.18	681.90	799.76
Collections & Refunds	231.84			
3. Maintenance of Dams	100,000.00	133,767.79	13,835.92	8,035.61
Refunds & Deposits	55,639.32			
4. International & Interstate -Commission's Conference Expenses	8,000.00	7,393.56	51.70	554.74
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	24,773.56		2,726.44
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	32,427.47		8,072.53
Transfer from #10	3,500.00			
10. Cooperation with U.S. Deptments & for Organiz- ing Conservation & Irr. Districts	50,000.00	40,935.81		64.19
Less Transfers	9,000.00			
11. Small Projects & Other Investigations	100,000.00	88,900.54	4,682.10	8,953.98
Collections and Refunds	2,536.62			
	\$ 458,407.78	\$410,961.13	\$ 19,358.48	\$ 28,088.17

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

<u>Appropriation Title</u>	<u>Available July 1, 1953</u>	<u>Expenditures to Aug. 1955</u>	<u>Balance Aug. 1955</u>
Construction and Reconstruction Drains or Irrigation	\$ <u>140,000.00</u>	\$ <u>521.98</u>	\$ <u>112,893.81</u>
	140,000.00	521.98	\$112,893.81

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

<u>Appropriation Title</u>	<u>Balance July 1, 1953</u>	<u>Expended</u>	<u>Balance Aug. 31, 1955</u>
Construction Bond Guaranty Fund	\$ <u>70,541.00</u>	<u>NIL</u>	\$ <u>70,541.00</u>
	\$ 70,541.00	NIL	\$ 70,541.00

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

Source of Deposits	Transit Number	Amount Deposited	Expended Aug. 31, 1955	Balance Aug. 31, 1955
Collections on Yellowstone Pumping Irrigation District \$3,500.00 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	Winbledon	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	
Mylø	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	1,488.32
				15,454.47
				<u>1,399.25</u>
TOTAL OF ALL BANK OF NORTH DAKOTA DEPOSITS AS OF AUG. 31, 1955				\$ 18,875.37

PAYROLL OF
NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
AUG. 31, 1955

(Permanent Employees)

Name	Position	Pay Grade	Salary August	With-Tax	N.D. Oasis	Hosp. Ins.	Savings Bond	Net Pay	Remarks
Holsveen, Milo	State Engr.-Sec'y&Ch. Eng.	K-6	651.67	88.80	13.03	9.65		540.19	Increased July 1, '55
Anderson, Albin S.	Field Engineer	F-5	354.67	54.10	7.09	4.15		289.33	Adj. Aug. 1954
Arten, Duane	Rodman	A-1	150.00	17.00	3.00			130.00	Started June 6, '55
Baessler, Gordon	Draftsman	B-3	216.57	26.97	4.33			185.27	Started July 25, '55
Berge, George	Rodman	A-1	150.00	27.00	3.00			120.00	Started May 24, '55
Clark, Loraine	Bookkeeper	B-8	201.67	26.40	4.03	9.65		161.59	Increased July '55
Cooper, Vernon S.	Assistant Secretary	K-3	600.67	61.60	12.01	9.65		517.41	Increased July '55
Duppong, Esther	Clerk Typist	B-9	206.67	27.10	4.13	4.15	18.75	152.54	Increased July '55
Frederickson, Fred	Planning Coord.	D-5	252.00	15.40	5.04			231.56	Increased Aug. '54
Hughes, Lynda	File Clerk	B-7	196.67	25.60	3.93	4.15	18.75	144.24	Increased July '55
Johnson, Lloyd	Construction Foreman	F-3	335.67	29.80	6.71	9.65		289.51	Increased Dec. '54
Johnson, Robert	Administrative Assistant	B-3	91.20	11.36	1.82		40.Ass.	38.02	Started July 1 '55
Kounts, Stanley J.	Construction Engineer	H-4	475.67	58.50	9.51	9.65		398.01	Increased July '55
Lobb, Lalleah Jo	Steno.	A-3	168.00	30.60	3.36			134.04	Increased July '55
Maas, LaDarana	Draftsman	D-1	225.00	20.70	4.50			199.80	Started Aug. '54
Messer, Ervin	Rodman	B-2	171.67	20.60	3.43	4.15		143.49	Started Apr. 18, '55
Myers, Thomas	Draftsman	D-1	225.00	10.70	4.50			209.80	Working full days
Nordstrom, Franz	Equipment Foreman	F-3	335.67	29.80	6.71			299.16	Increased July '55
Olson, Arthur	Instrumentman	D-2	232.13	33.64	4.65			193.84	Increased July '55
Olson, John	Rodman	A-1	150.00	17.00	3.00			130.00	Started June 6, '55
Pederson, Marlene	Chief Steno.	D-7	265.50	38.20	5.31	4.15		217.84	Increased July '55
Putz, Roy	Rodman	A-4	163.50	19.20	3.27	4.15		136.88	Increased Aug. '54
Radsfinner, Arthur	Instrumentman	F-3	345.17		6.90			338.27	Increased July, '55
Reiter, Daniel	Rodman	A-4	181.67	22.80	3.63			155.24	Started Jan. 1, '55
Sheldon, Marvin	Office Engineer	G-8	464.67	41.00	9.29	9.65		404.73	Increased July, '55
Tucker, Kenneth	Rodman	A-1	91.77	10.45	1.84			79.48	Started May 31, '55
Wahl, Robert	Instrumentman	E-2	274.67	39.70	5.49	4.15		225.33	Started Apr. 28, '55
Walz, Donald	Rodman	A-1	183.88	20.85	3.68			159.35	Started July 25, '55
Westgate, Sam	Ass't. State Engineer	K-3	600.67	31.60	12.01	9.65		547.41	Increased July, '55

PAYROLL OF
NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
AUG. 31, 1955

(Temporary Employees)

Name	Position	Salary August	With- Tax	N.Dak. Oasis	P.P Taxes	Net Pay
Danielson, Roy	Driller	614.75	44.30	12.29		557.66 U.S.G.S. payroll by hour
McMaster, George	Driller	614.75	90.50	12.29		511.46 U.S.G.S. payroll by hour
Mauchel, Anton	Laborer	215.01	2.10	4.31		208.60 Working by the hour
Mosbrucker, John	Laborer	183.76	26.30	3.68		153.78 Working by the hour
Ronning, Ole	Operator	329.60	49.70	6.59		273.31 Working by the hour
Rufsvold, Linas	Laborer	184.38	6.70	3.70		173.98 Working by the hour
Schmitke, Arnold	Laborer	238.14	24.60	6.11		208.77 Working by the hour
Walterson, Howard	Operator	309.60	46.80	6.19		256.61 Working by the hour
Walterson, Millard	Laborer	239.38	34.20	4.80		200.38 Working by the hour