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**STATE WATER CONSERVATION COMMISSION**  
**Minutes of Meeting**  
**Held in Office of State Water Commission in**  
**Bismarck, North Dakota**  
**April 25, 1955**

A regular meeting of the North Dakota State Water Conservation Commission was called to order on April 25, 1955, at the State Water Conservation Commission office in Bismarck, North Dakota, to consider regular 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  
Oscar Lunseth, Member from Grand Forks  
A. M. Christensen, Member from Minot  
Einar H. Dahl, Member from Watford City  
Math Dahl, Commissioner of Agriculture and Labor, Member from Bismarck  
Milo W. Hoisveen, Secretary and Chief Engineer, State Engineer

**OTHERS PRESENT AT THE MEETING:**

Mark Andrews, Farmer, Mapleton  
Marvin Sheldon, Engineer, State Water Conservation Commission  
Vernon S. Cooper, Assistant Secretary, State Water Conservation Commission

The meeting was called to order at 9:45 o'clock a.m. by Vice-Chairman Curtis Olson with Commissioners Oscar Lunseth, Math Dahl, A. M. Christensen, Einar H. Dahl, Secretary Milo W. Hoisveen and Assistant Secretary Vernon S. Cooper present.

It was moved by Commissioner Math Dahl, and seconded by Commissioner A. M. Christensen, that the minutes of the meeting held on March 24, 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 March, 1955, be approved and filed in the office of the State Water Conservation Commission. All Commissioners voted aye and the motion carried.

Governor Brunsdale entered the meeting at 9:50 o'clock a.m.

Secretary Milo W. Hoisveen reviewed the status of the proposed Lake Alice-Lake Irvine Water Conservation and Flood Control District. He reported that a meeting was held in Starkweather on March 28 relative to the formation of a smaller district in the Dry Lake-Sweetwater Lake area, embracing approximately 720 square miles. Another meeting was held at Edmore on April 4 to afford the people in that vicinity an opportunity to join the proposed district. Secretary Hoisveen informed the Commissioners that petitions have been received requesting the State Water Conservation Commission to create a water conservation and flood control district for the Sweetwater-Dry Lake area. The proposed project would utilize Dry Lake as a storage reservoir for waters from Sweetwater Lake during periods of high runoff and then the water could be let out of Dry Lake at the rate of 300 c.f.s. This would allow the size of the outlet canal from Dry Lake

to Six-Mile Bay to be greatly reduced and would make the project feasible. The Corps of Engineers will be requested to do the heavy construction work and the Soil Conservation Service will carry out drainage work in the upper reaches of the district. The State Water Conservation Commission will also participate in the project if agreed upon. Construction of the outlet works and the diversion structure could be accomplished through the Commission.

On April 12 a meeting was held at Churchs Ferry pertaining to the formation of a water conservation and flood control district for the Lake Alice-Lake Irvine area. This group is desirous of forming a district to provide them a legal entity so that they may contract with state or federal agencies for a project to alleviate the inundation of approximately ten to fifteen thousand acres of their land. These farmers have been unable to harvest a crop for 9 out of 11 years. The project proposed for this district would involve using Lake Irvine as a storage reservoir for excess waters from Lake Alice. The flood runoff could be stored in Lake Irvine for a period of at least 10 days and then would be allowed to flow out of this reservoir at approximately 300 c.f.s. It will be necessary to construct control structures at both Lake Alice and Lake Irvine. This project will require moving approximately 1,270,000 cubic yards of earth. The Corps of Engineers will be requested to participate in this project under their 212 Authority, as will the Soil Conservation Service under their watershed program. The State Water Conservation Commission could participate through its drainage program. If the cost of the project is such that the Corps of Engineers will have to exceed the \$150,000 limitation, the group expressed the opinion that they would be willing to pay special assessments up to \$30 per acre rather than wait the four to seven years necessary to get special congressional approval for a project.

Secretary Milo W. Hoisveen reported that Mr. M. A. Schlak, a farmer from Tolley, North Dakota, recently appeared in this office relative to the inundation of approximately 3,000 acres of land located between the Des Lacs River and the Souris River. These floodwaters have been pocketed on the west side of the Souris River for many years and landowners in the area are very desirous of draining this water into the Souris River. S. S. Westgate, Assistant State Engineer, investigated the problem on April 14 and also attended a meeting in Tolley that evening. Mr. Westgate discussed the advisability and procedure of the formation of a water conservation and flood control district. The group, consisting of approximately 75 farmers, voted unanimously to request the formation of a district. It was explained that the Corps of Engineers could participate in such a project under their 212 Authority and the Soil Conservation Service could participate under the Watershed Act.

On April 18 Secretary Hoisveen, Commissioner A. M. Christensen and Assistant State Engineer S. S. Westgate attended a joint meeting of the Boards of County Commissioners of Renville and Ward Counties at Minot. At this meeting each Board of County Commissioners passed a resolution requesting that the State Water Conservation Commission create a water conservation and flood control district embracing the affected areas in Ward and Renville Counties and also to request the Corps of Engineers and the Soil Conservation Service to participate in the project. Petitions have been received from both Boards requesting the formation of a joint water conservation and flood control district for Ward and Renville Counties.

Vice-Chairman Curtis Olson read a petition from the Board of County Commissioners of Ramsey County requesting the formation of a water conservation and flood control district for the Sweetwater-Dry Lake area in Ramsey County.

It was moved by Commissioner Oscar Lunseth, and seconded by Vice-Chairman Curtis Olson, that the State Water Conservation Commission approve the request of the Board of County Commissioners of Ramsey County for the creation of a water conservation and flood control district for the Sweetwater-Dry Lake area in Ramsey County and that a hearing by the Commission on the petition be held. Upon roll call by Governor Brunsdale, all Commissioners voted aye and the motion carried.

Vice-Chairman Curtis Olson read a petition from the Board of County Commissioners of Ramsey County requesting that the State Water Conservation Commission create a water conservation and flood control district for the Lake Alice-Lake Irvine area in Ramsey County.

It was moved by Commissioner Oscar Lunseth, and seconded by Commissioner A. M. Christensen, that the State Water Conservation Commission approve the request of the Board of County Commissioners of Ramsey County for the creation of a water conservation and flood control district for the Lake Alice-Lake Irvine area in Ramsey County and that a hearing by the Commission on the petition be held. Upon roll call by Governor Brunsdale, all Commissioners voted aye and the motion carried.

It was pointed out by Secretary Milo W. Hoisveen that the original petition for the creation of a district included the entire northern portion of Ramsey County as a district. A hearing was held on this petition in Starkweather on August 30, 1954, and there were many objections to forming a district of this size. Farmers in that area have since agreed to make two segments of the original district and as a result of this action the request for the organization of a district received by the Commission on August 30, 1954, should be denied.

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

R E S O L U T I O N

WHEREAS, the Board of County Commissioners of Ramsey County, North Dakota, on the 12th day of August, 1954, presented to and filed with the State Water Conservation Commission a petition, accompanied by a resolution of the board, adopted at a special meeting thereof held in the City of Devils Lake on the 10th day of August, requesting the Commission to establish a Water Conservation and Flood Control District embracing territory in the counties of Benson, Ramsey and Towner within the watershed or drainage area of Mauvais Coulee and its tributary watercourses; and

WHEREAS, at a hearing, held by the State Water Conservation Commission in the City of Starkweather on the 30th day of August, 1954, it appeared that opposition and considerable difference of opinion was voiced to the inclusion in the proposed district of territory in Benson and Towner Counties and also certain areas in Ramsey County;

NOW, THEREFORE, BE IT RESOLVED: That the petition of the Board of County Commissioners of Ramsey County, North Dakota, and the request of the board in the resolution accompanying said petition, be denied subject to the reservation that the action of the Commission may be reconsidered if and when deemed advisable.

BE IT FURTHER RESOLVED: That an order of the Commission denying said peti-

tion and request of the Board of County Commissioners of Ramsey County, subject to the reserved right of reconsideration when deemed advisable, be executed by the Chairman and Secretary of the Commission.

Upon roll call by Governor Brunsdale, all Commissioners voted aye on the motion of Commissioner Lunseth and the motion carried.

Petitions from the Boards of County Commissioners of Ward and Renville Counties requesting the State Water Conservation Commission to create a joint water conservation and flood control district for Ward and Renville Counties were read by Vice-Chairman Curtis Olson.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Math Dahl, that the State Water Conservation Commission approve the request of the Boards of County Commissioners of Ward and Renville Counties for the creation of a water conservation and flood control district for Ward and Renville Counties and that a hearing by the Commission on the petition be held. Upon roll call by Governor Brunsdale, all Commissioners voted aye and the motion carried.

The Commission authorized Secretary Milo W. Hoisveen to set the hearing dates for the creation of the above-mentioned water conservation and flood control districts. It was also pointed out that resolutions should be passed by the State Water Conservation Commission requesting the participation of the Corps of Engineers in the construction of the projects included in the three districts.

The following resolution was presented by Commissioner Oscar Lunseth who moved its adoption, which motion was seconded by Commissioner A. M. Christensen.

R E S O L U T I O N

Resolution adopted by the North Dakota State Water Conservation Commission requesting the Corps of Engineers, U. S. Army, to make a comprehensive survey to determine the cause or causes for the recurring flooding of Lake Alice (Lake Aux Mortes) and surrounding farm lands in Ramsey County, North Dakota, embraced within an area therein of approximately 68 square miles, and to prepare plans for preventing such flooding and estimates of the cost of constructing needed works.

WHEREAS, recurring flooding of Lake Alice (Lake Aux Mortes) and a surrounding area embracing approximately 68 sections of excellent farm lands in Ramsey County, North Dakota, has, for the past ten years, caused loss of crops thereon, serious damage to farm homes and great economic loss, misery and discomfort to the farm families residing within the flooded area; and

WHEREAS, an extensive survey and comprehensive study are needed to determine the areas or territory from which waters ultimately flow into Lake Alice and to determine the best feasible and economical plan for facilities required to carry the flood waters into Devils Lake; and

WHEREAS, the Board of County Commissioners of Ramsey County, North Dakota, has presented to, and filed with, the State Water Commission, a resolution and petition requesting the establishment of a water conservation and flood control district in conformity with the laws of North Dakota, embracing within the boundaries of the proposed district the 68 square miles of territory in said

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county which are periodically inundated by the overflow or flooding of Lake Alice, in order to establish a governmental subdivision authorized by law to cooperate with and to furnish the assurances required by federal agencies in order to legally extend financial aid and engineering assistance in planning and constructing the facilities needed to provide the relief requested;

**NOW, THEREFORE, BE IT RESOLVED:** by the North Dakota State Water Conservation Commission in regular meeting held in the City of Bismarck this 25th day of April, 1955, that the Corps of Engineers, United States Army, are hereby requested: (1) to make a comprehensive survey and study of the watershed area or areas from which waters drain and ultimately flow into Lake Alice and cause the overflow of this lake and the flooding of at least 68 sections of fertile farm lands; (2) to formulate plans for construction of drainage facilities which will drain such overflow and flood waters into Devils Lake and thereby, in effect, prevent the flooding of the lands within the proposed water conservation and flood control district and lead to the subsequent construction under the 212 Authority as it pertains to projects within the jurisdiction of the Corps of Engineers.

**BE IT FURTHER RESOLVED:** that a copy of the foregoing resolution be submitted to the Chief of Engineers, Corps of Engineers, United States Army and that copies be mailed to each of our Senators and Representatives in Congress.

Upon roll call by Governor Brunsdale, all Commissioners voted aye and the motion carried.

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

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

Requesting the Corps of Engineers of the United States Army to construct facilities for the drainage of flood waters from lands within a proposed water conservation and flood control district embracing within its boundaries approximately 720 square miles of good farm lands which are periodically flooded and which are situated within the drainage basin of Sweetwater Lake and Dry Lake in Ramsey County, North Dakota.

**WHEREAS,** approximately 720 square miles of good farm lands, lying within the drainage basin of Dry Lake and Sweetwater Lake in Ramsey County, North Dakota, are periodically flooded by the overflow waters of these lakes and by waters artificially drained unto lands; and

**WHEREAS,** such flooding is rendering these lands worthless, unless adequate drainage works are soon established, and is threatening the welfare of farm families settled thereon; and

**WHEREAS,** the Board of County Commissioners of Ramsey County, North Dakota, has petitioned the State Water Conservation Commission to establish a water conservation and flood control district in order to provide the relief from the flood condition which the area therein is rarely in need; and

**WHEREAS,** the financial assistance of the Corps of Army Engineers, and the services of the Corps, under 212 Authority as it pertains to projects within jurisdiction are needed in order to establish the necessary facilities for draining flood waters from said land;

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**NOW, THEREFORE, BE IT RESOLVED:** by the North Dakota State Water Conservation Commission in regular meeting this 25th day of April, 1955, that the Corps of Engineers of the United States Army be requested under and by virtue of its 212 Authority as it pertains to projects within its jurisdiction to plan and construct facilities which will prevent the flooding of the lands within the proposed water conservation and flood control district;

**BE IT FURTHER RESOLVED:** that a copy of the foregoing resolution be submitted to the Chief of Engineers, Corps of Engineers, United States Army and that copies be mailed to each of our Senators and Representatives in Congress.

Upon roll call by Governor Brunsdale, all Commissioners voted aye and the motion carried.

The following resolution was presented by Commissioner A. M. Christensen, who moved its adoption, which motion was seconded by Commissioner Math Dahl.

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

Requesting the Corps of Engineers, United States Army, to make a comprehensive survey of the West Souris River Watershed in Renville and Ward Counties embraced within a proposed water conservation and flood control district and to formulate plans for preventing the periodical flooding of farmlands therein caused by their overflow or flooding of the Souris River.

**WHEREAS,** large areas of good crop lands in Renville and Ward Counties, located in the upper west watershed of the Souris River and its tributary watercourses, are periodically inundated by the flooding of the Souris River causing the loss of crops and menacing the health and welfare of the people who reside in the area; and

**WHEREAS,** the Boards of County Commissioners of Ward and Renville Counties have petitioned the State Water Conservation Commission to establish a water conservation and flood control district, embracing within its boundaries 163 thousand acres of land in Ward County and 60 thousand acres in Renville County, in order to deal with this flood control problem; and

**WHEREAS,** adequate relief from such flooding can be secured only by the establishment of facilities for draining waters from flooded areas; and

**WHEREAS,** an investigation and comprehensive survey of the affected areas are necessary to formulate plans for construction of the works required to prevent the flooding of said lands; and

**WHEREAS,** the cost of such survey, and the cost of facilities needed to prevent the flooding of the lands in the proposed water conservation and flood control district, are beyond the financial ability of such district to meet;

**NOW, THEREFORE, BE IT RESOLVED:** by the North Dakota State Water Conservation Commission that the Corps of Engineers of the United States Army be requested to make a survey of the upper west watershed of the Souris River in Renville and Ward Counties, North Dakota, to prepare plans for the works required to prevent the flooding of the lands in the proposed district and to make available to the district such financial assistance for construction costs as authorized under the 212 Authority as it pertains to projects within the jurisdiction of the Corps of Engineers.

**BE IT FURTHER RESOLVED:** that copies of this resolution be mailed to the Chief of Engineers, Corps of Engineers, United States Army and to our Senators and Representatives in Congress.

Upon roll call by Governor Brunsdale, all Commissioners voted aye and the motion carried.

Vice-Chairman Curtis Olson read a resolution from the Board of County Commissioners of Bottineau County petitioning the State Water Conservation Commission to establish a water conservation and flood control district for the lands lying within the Willow Creek, Ox Creek and Oak Creek watersheds in Bottineau, McHenry and Rolette Counties. Secretary Milo W. Hoisveen reported that I. A. Acker, Special Assistant Attorney General for the State Water Conservation Commission, had informed the Bottineau Commissioners that they should request the Boards of County Commissioners of McHenry and Rolette Counties to also file resolutions in this office. Action was deferred on this matter for the present time.

Commissioner Math Dahl left the meeting at 10:20 o'clock a.m.

Secretary Milo W. Hoisveen reported that he had contacted the State Highway Department relative to the proposed Upper Des Lacs Lake Dam project. Vice-Chairman Curtis Olson read a letter from Mark P. Wynkoop, Chief Engineer of the State Highway Department, stating that their plans did not call for raising the grade of Highway #52. Mr. Wynkoop further stated that it would cost between \$35,000.00 and \$50,000.00 to raise the grade 5 feet as requested by the State Water Conservation Commission. Secretary Hoisveen reported that it might still be possible to block the culverts that the Highway Department plans to install to determine whether water could or could not be retained behind a dam. If feasible the dam could be constructed at a later date. Secretary Hoisveen will inform the proponents of this project that funds are not available for this project at the present time.

Vice-Chairman Curtis Olson left the meeting at 10:30 o'clock a.m.

Assistant Secretary Vernon S. Cooper stated that the U. S. Geological Survey has reported that they will be unable to match \$925.00 of the State Water Conservation Commission's appropriation for cooperative ground water surveys for the 1953-1955 biennium. Assistant Secretary Cooper proposed the following alternatives: (1) the Commission could pay more than the contracted 50 per cent, (2) the Commission could match only the amount that the U. S. Geological Survey can expend, or (3) the Commission can enter into a contract with the U. S. Geological Survey before July 1st to use the \$925.00 during the next biennium, making an amount of \$35,925.00 available for the 1955-57 biennium.

It was moved by Commissioner Einar H. Dahl, and seconded by Commissioner A. M. Christensen, that the State Water Conservation Commission enter into a contract with the Ground Water Branch of the U. S. Geological Survey before July 1, 1955, to use the remaining \$925.00 from the 1953-55 appropriation during the 1955-57 biennium, making a total appropriation of \$35,925.00. Upon roll call by Governor Brunsdale, all Commissioners voted aye and the motion carried.

Secretary Milo W. Hoisveen reported that it was the opinion of Fred J.

Fredrickson, Planning Coordinator for the State Water Conservation Commission, that it would be advisable for the State Water Conservation Commission to send a letter to U. S. Senator Milton R. Young urging Congress to approve more funds for cooperative investigations by the U. S. Geological Survey. A letter to this effect signed by Governor Brunsdale and Secretary Hoisveen was forwarded to Senator Young.

Secretary Milo W. Hoisveen presented a letter from R. W. Safstrom Sargent County Auditor, requesting that the State Water Conservation Commission contribute \$5,000.00 towards the cost of cleaning out and repairing Crete-Cogswell Drain No. 11. It was suggested by Assistant Secretary Vernon S. Cooper that a time limit be placed on this allocation so that the funds will be used from the current appropriation.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Oscar Lunseth, that the State Water Conservation Commission allocate sufficient funds from the 1953-57 drainage appropriation to pay 40 per cent of the costs up to \$5,000.00 of cleaning out and repairing Crete-Cogswell Drain No. 11 in Sargent County, providing the work is contracted for before January 1, 1956. Upon roll call by Governor Brunsdale, Commissioners A. M. Christensen, Oscar Lunseth, Einar H. Dahl and Governor Brunsdale all voted aye. Motion carried.

A letter from LaVerne Skogen, Clerk of the Traill County Drain Board, was read by Secretary Milo W. Hoisveen stating that the contract for construction of Lairness Drain No. 34 was awarded to Ellingson Construction Company of Hillsboro. Construction work will be started approximately June 1st.

Assistant Secretary Vernon S. Cooper pointed out that in view of the fact that there will be a big demand for funds from the \$200,000 appropriation for drainage, irrigation and flood control works, it would be desirable to formulate some method of determining how to allocate the funds. This appropriation becomes available on July 1, 1955, and continues until the funds are expended. The Commission directed that the needs of the various counties and districts be determined in order to determine an allocation at a future meeting.

Secretary Milo W. Hoisveen presented correspondence from Fred J. Fredrickson, Planning Coordinator for the State Water Conservation Commission, enclosing a copy of the "Joint Statement by the Secretaries of Interior and Agriculture on the Bureau of Reclamation's Development Farm Program." Included in this report were several alternatives as to the most suitable arrangement for financing and operating development farms. It was pointed out by Secretary Hoisveen that a committee, consisting of Commissioners A. M. Christensen, Math Dahl and himself, had studied the development farm program and made the recommendation that the present arrangement under which the Bureau of Reclamation finances and operates these farms should be continued. The Commissioners directed Secretary Hoisveen to contact Fred J. Fredrickson as to whether or not it would be desirable for the Commission to pass another resolution at this time favoring continuation of the present development farm program.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Oscar Lunseth, that the State Water Conservation Commission support the continuation of the present arrangement for financing and operating development farms by the Bureau of Reclamation. Upon roll call by Governor Brunsdale, all Commissioners voted aye and the motion carried.



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Secretary Milo W. Hoisveen reported that the repairs to Gascoyne Lake Dam have been completed. The estimated cost of the repairs to this dam was \$955.00. The costs of the project will be shared equally by local interests, the State Game and Fish Department and the State Water Conservation Commission.

The Commissioners were informed by Secretary Hoisveen that in view of the fact the U. S. Fish and Wildlife Service feels that Danzig Dam should be replaced, some investigational work is currently being carried on as to a possible new location for the dam. The State Water Conservation Commission will construct the dam; however, it is believed that the entire cost of the project will be borne by the U. S. Fish and Wildlife Service.

Secretary Milo W. Hoisveen read a letter from Leslie T. Dysart, Superintendent of the State Training School, requesting that the State Water Conservation Commission repair five small dams and pay 50 per cent of the cost of the repairs. Secretary Hoisveen reported that seepage, which is apparently caused by a very porous strata, is so great that the reservoirs lose their water within a month after filling. The estimated cost of the project is \$600. The State Training School will furnish unskilled labor to handle hoses, shift pumps, etc., when the reservoirs are pumped dry.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Oscar Lunseth, that the State Water Conservation Commission repair five small dams at the State Training School and authorize payment of 50 per cent of the costs of repair. Upon roll call by Governor Brunsdale, Commissioners Oscar Lunseth, A. M. Christensen, Einar H. Dahl and Governor Brunsdale all voted aye. Motion carried.

It was reported by Secretary Milo W. Hoisveen that Carpio Dam, approximately 30 miles northwest of Minot, is in need of repair. Ice which has been going over the spillway has removed some of the rocks and is endangering the spillway itself. The cost of repairs will be approximately \$3,000.00 of which the Commission would possibly have to pay 50 per cent as the Game and Fish Department will not participate in this project in view of the fact that there is no fish value.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Oscar Lunseth, that the State Water Conservation Commission participate in the repair of Carpio Dam and pay 50 per cent of the cost of repairs providing local interests will supply 50 per cent of the costs if the project is feasible. Upon roll call by Governor Brunsdale, Commissioners A. M. Christensen, Oscar Lunseth, Einar H. Dahl and Governor Brunsdale all voted aye. Motion carried.

Commissioner Oscar Lunseth reported that on April 13 he and Secretary Milo W. Hoisveen attended the Pembina Dam hearing in Pembina. Representatives of the Corps of Engineers, the Soil Conservation Service, Manitoba Water Resources Division and the Canadian Pembina River Association were present at the meeting. The proposed dam would be 150 feet high and would impound 150,000 acre feet which would take the peak off almost any flood that would occur in the Pembina River. It was pointed out that the benefits from the dam did not appear to be sufficient to permit the expenditure of \$7,000,000 which is the estimated cost of the dam. However, figures obtained from the Bureau of Reclamation indicate that there are approximately 25,000 acres of irrigable land in that area; consequently, with the added benefits that could be derived from irrigation, the cost-benefit ratio would be sufficient to make the project feasible. Commissioner

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Lunseth stated that the people present expressed a definite interest in forming an irrigation district. A meeting to discuss the benefits that could be derived from irrigation is scheduled for April 25 at Walhalla. Assistant State Engineer S. S. Westgate will represent the State Water Conservation Commission at this meeting.

Secretary Milo W. Hoisveen stated that as a result of a request from the Swan Creek Water Conservation and Flood Control District, a letter was sent to U. S. Senator Milton R. Young requesting that funds for the project be reinstated. In a letter dated April 6, 1955, Senator Young replied that he would contact the Corps of Engineers for the purpose of getting funds for the project reinstated. However, it was pointed out that the Soil Conservation Service has also included this project under their watershed program. Action will be deferred until a decision is made by the district pertaining to how they want the project constructed.

A letter from Fred J. Fredrickson, Planning Coordinator for the State Water Conservation Commission, was read by Secretary Milo W. Hoisveen, enclosing a letter from E. W. Rising. Mr. Rising stated that he would be very glad to cooperate with the Commission in assisting Fred J. Fredrickson as Assistant Planning Coordinator; however, he further stated that it would be impossible for him to accept the \$200.00 service fee authorized by the Commission. Mr. Rising will be reimbursed for any miscellaneous expenses that he might incur while serving in this capacity.

According to Secretary Milo W. Hoisveen, an agreement for an underground water survey and investigation has been signed by the City of Drake. The City of Drake and the State Water Conservation Commission will each furnish \$750.00 as their share of the costs and the U. S. Geological Survey will contribute \$1,500.00. The U. S. Geological Survey expects to commence drilling operations in the vicinity of Drake about September 1st.

It was moved by Commissioner A. M. Christensen, and seconded by Vice-Chairman Curtis Olson, that the State Water Conservation Commission enter into an agreement with the City of Drake to conduct a ground water investigation in the vicinity of Drake, North Dakota, whereby the State Water Conservation Commission and the City of Drake each agree to pay \$750.00 for the costs of the survey. Upon roll call by Governor Brunsdale, Commissioners A. M. Christensen, Oscar Lunseth, Einar H. Dahl and Governor Brunsdale all voted aye. Motion carried.

A request from the Board of Administration for assistance from the State Water Conservation Commission in drilling a test well for irrigation on the State Farm was read to the Commissioners by Secretary Milo W. Hoisveen. Secretary Hoisveen stated that the U. S. Geological Survey has not been contacted pursuant to this project as yet and, therefore, it is unknown whether they would have funds available for this project.

It was moved by Commissioner Oscar Lunseth, and seconded by Commissioner A. M. Christensen, that the State Water Conservation Commission enter into an agreement with the Board of Administration and the U. S. Geological Survey for drilling a test well on the State Farm if funds are available to the U. S. Geological Survey for this project. Upon roll call by Governor Brunsdale, all Commissioners voted aye and the motion carried.

A letter from R. V. Smrha, Kansas State Engineer, inviting North Dakota

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to participate in the 10th Annual Midwestern States Flood Control Conference in Topeka, Kansas, on May 24 to 26, was read by Secretary Milo W. Hoisveen.

It was moved by Commissioner Einar H. Dahl, and seconded by Commissioner Oscar Lunseth, that the State Water Conservation Commission authorize Secretary Milo W. Hoisveen or a representative to attend the 10th Annual Midwestern States Flood Control Conference in Topeka, Kansas, on May 24 to 26. Upon roll call by Governor Brunsdale, all Commissioners voted aye and the motion carried.

Secretary Milo W. Hoisveen stated that he has been asked to serve on the Cost Study Committee of the National Reclamation Association. A meeting of this committee is to be held in Denver during the last two weeks of May. Secretary Hoisveen further stated that he has also been recommended as a member of the Water Policy Committee. Secretary Hoisveen will determine which committee he desires to serve on.

Governor Brunsdale reported that at the last meeting of the Missouri Basin Inter-Agency Committee it was announced that a change in the program policy has been proposed. A committee consisting of one representative from each state in the organization will be in charge of preparing the programs. The main topic at each meeting will pertain to some problem within the state in which the meeting is held; however, these topics will have to be submitted to the program committee at least one month prior to the meeting. Governor Brunsdale appointed Secretary Milo W. Hoisveen to serve on the committee as North Dakota's representative.

Assistant Secretary Vernon S. Cooper informed the Commissioners that the meetings that have been held with the boards of county commissioners relative to appointment of a director to the Conservancy District's Board of Directors have been very successful. The final meetings for this purpose will be held in May. Assistant Secretary Cooper presented the following proposed organizational procedure for the Garrison Diversion Conservancy District.

1. Notice of Order activating Garrison Diversion Conservancy District on July 1, 1955.
2. Appointment of Directors by Boards of County Commissioners - July 5, 1955.
3. Notification of Directors appointed by the Boards of County Commissioners to the State Water Conservation Commission by July 10, 1955.
4. Meeting of Board of Directors - July 18, 1955. (Elect temporary Chairman and Secretary.)
5. Tour of irrigation projects by Board of Directors - July 19-22, 1955.
6. Organizational meeting of Board of Directors - July 22, 1955. (Election of Chairman, Vice-Chairman, Secretary and Treasurer and approval of budget.)
7. Business meeting of Board of Directors - October, 1955.

Assistant Secretary Cooper estimated that approximately \$3,600.00 would be required for the functions of the Board of Directors until the end of 1955. It may be necessary for the State Water Conservation Commission to finance the operations of the Board of Directors until 1956.

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The meeting recessed at 12:05 p.m. to reconvene at 1:20 p.m. with Vice-Chairman Curtis Olson, Commissioners Oscar Lunseth, Einar H. Dahl, A. M. Christensen, Assistant Secretary Vernon S. Cooper, Secretary Milo W. Hoisveen and Mark Andrews present.

Mark Andrews, Mapleton, North Dakota, appeared before the Commission to request that his water-right be increased by 80 acres to enable him to irrigate a total of 160 acres. Mr. Andrews stated that his original water-right application requested the diversion of 100 a.f. of water from the Maple River for the irrigation of 608.6 acres of land; however, when the Commission granted this application on December 14, 1950, the acreage was reduced to 80 acres. Mr. Andrews reported that he has constructed a dam on the Maple River and proposes to irrigate from this reservoir as the streamflow in the Maple River is very limited after the middle of July. He further stated that the two farmers living downstream from him would not be injuriously affected as they obtain water from a CCC dam approximately two miles downstream from his farm.

I. A. Acker, Special Assistant Attorney General for the State Water Conservation Commission, entered the meeting at 1:40 o'clock p.m.

It was the opinion of I. A. Acker, Special Assistant Attorney General for the State Water Conservation Commission, that in view of the fact that Mr. Andrews' application was originally advertised for 608.6 acres it would not be necessary to hold another hearing to grant him additional acreage.

Governor Brunsdale and Commissioner Math Dahl entered the meeting at 1:45 o'clock p.m.

It was moved by Commissioner Einar H. Dahl, and seconded by Commissioner Math Dahl, that the action of the State Water Conservation Commission on December 14, 1950, in reducing the water-right application of Mark Andrews, Mapleton, North Dakota, to 80 acres be reconsidered. Upon roll call by Governor Brunsdale, all Commissioners voted aye and the motion carried.

It was moved by Commissioner A. M. Christensen, and seconded by Vice-Chairman Curtis Olson, that the State Water Conservation Commission increase the acreage of the water-right application of Mark Andrews, Mapleton, North Dakota, to 160 acres and permit the diversion of 160 acre feet of water at the maximum rate of 2 cubic feet per second. Upon roll call by Governor Brunsdale, all Commissioners voted aye and the motion carried.

I. A. Acker and Mark Andrews left the meeting at 2:00 o'clock p.m.

Marvin Sheldon, Engineer, State Water Conservation Commission, entered the meeting at 2:00 o'clock p.m.

Marvin Sheldon, Engineer for the State Water Conservation Commission, explained the proposed Wildwood Lake diversion project to the Commissioners. Mr. Sheldon stated that this project was investigated after a petition, signed by approximately 200 people, requesting the State Water Conservation Commission to restore the level of Wildwood Lake was received in this office. Prior to the construction of Garrison Dam, Wildwood Lake received an adequate supply of water each year when the Missouri River flooded. The maximum depth of the lake is 14 feet but at the present time the lake is only about 6 feet deep. Mr. Sheldon reported that the most feasible plan appears to be to divert water from Painted Woods Creek into Wildwood Lake. This would entail digging a ditch from

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Painted Woods Lake to Goose Creek and another ditch from Goose Creek to Wildwood Lake. It would be necessary to move approximately 7,000 cubic yards of dirt. The estimated cost of the project is \$10,200. Mr. Sheldon further stated that it may be necessary to construct a dam at the outlet of Painted Woods Creek at some future date if the natural channel erodes. This phase of the project would cost approximately \$13,000. A hearing will be held on April 27 in the Commission office to determine if there is sufficient interest to warrant construction of the project.

Marvin Sheldon left the meeting at 2:10 o'clock p.m.

Secretary Milo W. Hoisveen reported that a meeting was held on April 20 between representatives of the Corps of Engineers and the Bureau of Reclamation to discuss the effect return flows from the Garrison Diversion project will have on the Sheyenne River and Baldhill Dam. Assistant State Engineer S. S. Westgate represented the State Water Conservation Commission at the meeting. It was estimated by the Bureau of Reclamation that there would be approximately 350,000 acre feet of return flow to the Sheyenne River and that the Baldhill Dam would have to be raised approximately 4 feet. It was requested that the State Water Conservation Commission help the Corps of Engineers obtain funds for investigating the project.

Commissioner Math Dahl left the meeting at 2:15 o'clock p.m.

Secretary Milo W. Hoisveen read a letter from the Lake Metigoshe Improvement Association requesting that the State Water Conservation Commission hold a joint meeting with Canadian officials at Lake Metigoshe this summer. It was the opinion of the Commissioners that the June meeting could be held at Lake Metigoshe.

It was reported by Secretary Milo W. Hoisveen that on April 22 he and S. S. Westgate, Assistant State Engineer, viewed the Mouse River Park flood area. This park contains approximately 20 cabins and recreational facilities and is being flooded by waters from Lake Darling reservoir which is operated by the U. S. Fish and Wildlife Service. Secretary Hoisveen stated that the most feasible solution would be to move the park to higher ground as it is quite possible the reservoir will be increased in size at some future date.

Correspondence from the National Reclamation Association relative to small irrigation projects was read to the Commission by Secretary Milo W. Hoisveen. Secretary Hoisveen was directed to reaffirm the Commission's request that the states be authorized to construct small irrigation projects with federal money on the same basis as the Bureau of Reclamation currently constructs such projects.

Governor Brunsdale informed the Commissioners that the hearings before the Congressional Appropriations Committees have been scheduled as follows:

- May 5 - House Appropriations Committee hearing at 2:00 p.m.
- May 6- Senate Appropriations Committee hearing.
- May 9- Senate Appropriations Committee hearing on reclamation and irrigation projects.

The following people will leave Bismarck at 8:00 a.m. May 1st via the National Guard plane to appear as witnesses at the hearings: Rufus Bessel, Harvey; Senator John Leier, Esmond; Senator R. M. Streibel, Fessenden; J. J.

Flannery, Jamestown; Clarence Johnson, Underwood; Maurice Harrington, Minot; James Welten, Bisbee and Andrew Berg, Maddock. Governor Brunsdale and Secretary Holisveen will also attend the hearings. Vice-Chairman Curtis Olson and Commissioner Oscar Lunseth stated that they would be in a position to attend the hearing on May 9.

The method of financing the expenses incurred by these witnesses was discussed. It was decided that the Commission would contribute \$1,000.00 to the Missouri-Souris Projects Association for services rendered and they will finance the expenses incurred.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Oscar Lunseth, that the State Water Conservation Commission authorize payment of \$1,000.00 to the Missouri-Souris Projects Association for services rendered in connection with the water development program in North Dakota. Upon roll call by Governor Brunsdale, Commissioners A. M. Christensen, Oscar Lunseth, Einar H. Dahl, Curtis Olson and Governor Brunsdale all voted aye. Motion carried.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Einar H. Dahl, that the action of the State Engineer in granting and limiting the application of Herlof Huso, Aneta, North Dakota, for a permit to divert and appropriate water from an elongated slough, tributary of the Sheyenne River, for the irrigation of 59.0 acres of land, described as E $\frac{1}{2}$ NW $\frac{1}{2}$ ; W $\frac{1}{2}$ NE $\frac{1}{2}$  of Section 12, Township 148 N., Range 58 W., located in Griggs County, North Dakota, be approved and limited to an annual diversion of 104.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the elongated slough. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Einar H. Dahl, that the action of the State Engineer in granting and reducing the application of Clinton Perhus, Taylor, North Dakota, for a permit to divert and appropriate water from the Knife River, for the irrigation of 40.0 acres of land, described as SW $\frac{1}{2}$ NE $\frac{1}{2}$ ; SE $\frac{1}{2}$ NW $\frac{1}{2}$ , N $\frac{1}{2}$ NW $\frac{1}{2}$  of Section 5, Township 142 N., Range 93 W., located in Dunn County, North Dakota, be approved and limited to an annual diversion of 70.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Knife River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Einar H. Dahl, that the action of the State Engineer in granting and reducing the application of Mike Hlebachuk, Fairfield, North Dakota, for a permit to divert and appropriate water from the Knife River, for the irrigation of 40.0 acres of land, described as NE $\frac{1}{2}$ NE $\frac{1}{2}$ ; S $\frac{1}{2}$ NW $\frac{1}{2}$  of Section 35, Township 144 N., Range 98 W., located in Billings County, North Dakota, be approved and limited to an annual diversion of 70.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Knife River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Einar H. Dahl, that the action of the State Engineer in granting and reducing the application of A. W. Gustafson, Marshall, North Dakota, for a permit to divert and appropriate water from the Knife River, for the irrigation of 40.0 acres of land, described as S $\frac{1}{2}$ NW $\frac{1}{2}$ ; NW $\frac{1}{2}$ SW $\frac{1}{2}$  of Section 7, Township 142 N., Range 92 W., N $\frac{1}{2}$ SE $\frac{1}{2}$  of Section 12, Township 142 N., Range 93 W., located in Dunn County, North Dakota, be approved and limited to an annual diversion of

70.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Knife River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Einar H. Dahl, that the action of the State Engineer in granting and reducing the application of Andrew Kirsch, Gladstone, North Dakota, for a permit to divert and appropriate water from Antelope Creek, for the irrigation of 21.2 acres of land, described as NW $\frac{1}{2}$ NW $\frac{1}{2}$  of Section 7, Township 138 N., Range 94 W., N $\frac{1}{2}$ NE $\frac{1}{2}$ , SW $\frac{1}{2}$ NE $\frac{1}{2}$ ; S $\frac{1}{2}$ NW $\frac{1}{2}$  of Section 12, Township 138 N., Range 95 W., located in Stark County, North Dakota, be approved and limited to an annual diversion of 43.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering Antelope Creek. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Einar H. Dahl, that the action of the State Engineer in granting and reducing the application of Art Anderson, Dunn Center, North Dakota, for a permit to divert and appropriate water from Spring Creek, for the irrigation of 15.6 acres of land, described as SE $\frac{1}{2}$  of Section 27, Township 145 N., Range 94 W., located in Dunn County, North Dakota, be approved and limited to an annual diversion of 24.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering Spring Creek. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Einar H. Dahl, that the action of the State Engineer in granting and reducing the application of Matt Neurohr, Dodge, North Dakota, for a permit to divert and appropriate water from Spring Creek, for the irrigation of 12.7 acres of land, described as SW $\frac{1}{2}$ SE $\frac{1}{2}$  of Section 4, Township 144 N., Range 91 W., located in Dunn County, North Dakota, be approved and limited to an annual diversion of 19.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering Spring Creek. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Einar H. Dahl, that the action of the State Engineer in granting and reducing the application of Leo Goetz, Halliday, North Dakota, for a permit to divert and appropriate water from Spring Creek, for the irrigation of 16.0 acres of land, described as SW $\frac{1}{2}$ SE $\frac{1}{2}$  of Section 24, N $\frac{1}{2}$ NE $\frac{1}{2}$  of Section 25, Township 145 N., Range 93 W., located in Dunn County, North Dakota, be approved and limited to an annual diversion of 24.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering Spring Creek. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Einar H. Dahl, that the action of the State Engineer in granting and reducing the application of Gerald Glynn, Fullerton, North Dakota, for a permit to divert and appropriate water from the Maple River, for the irrigation of 28.0 acres of land, described as SW $\frac{1}{2}$ ; NW $\frac{1}{2}$ SE $\frac{1}{2}$  of Section 16, Township 131 N., Range 62 W., located in Dickey County, North Dakota, be approved and limited to an annual diversion of 42.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Maple River. Upon a unanimous vote of the Commissioners, the motion carried.

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

sioner Einar H. Dahl, that the action of the State Engineer in granting and reducing the application of Robert F., Edmond R. and John C. Kadmas, Dickinson, North Dakota, for a permit to divert and appropriate water from Spring Creek, for the irrigation of 22.0 acres of land, described as NE $\frac{1}{4}$ ; NE $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 33, Township 141 N., Range 95 W., located in Stark County, North Dakota, be approved and limited to an annual diversion of 39.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering Spring Creek. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Einar H. Dahl, that the action of the State Engineer in granting and reducing the application of George Ferebee, Halliday, North Dakota, for a permit to divert and appropriate water from Spring Creek, for the irrigation of 16.0 acres of land, described as S $\frac{1}{4}$ NW $\frac{1}{4}$ ; N $\frac{1}{4}$ SE $\frac{1}{4}$ , SE $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 23, Township 145 N., Range 92 W., located in Dunn County, North Dakota, be approved and limited to an annual diversion of 24.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering Spring Creek. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Einar H. Dahl, that the action of the State Engineer in granting and reducing the application of Jacob Gegelmann, Halliday, North Dakota, for a permit to divert and appropriate water from Spring Creek, for the irrigation of 16.0 acres of land, described as S $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 21, SW $\frac{1}{4}$ SW $\frac{1}{4}$  of Section 22, Township 145 N., Range 92 W., located in Dunn County, North Dakota, be approved and limited to an annual diversion of 24.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering Spring Creek. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Einar H. Dahl, that the action of the State Engineer in granting and reducing the application of A. L. Gramlow, Fullerton, North Dakota, for a permit to divert and appropriate water from the Maple River, for the irrigation of 80.0 acres of land, described as NE $\frac{1}{4}$ ; SE $\frac{1}{4}$  of Section 26, Township 131 N., Range 62 W., located in Dickey County, North Dakota, be approved and limited to an annual diversion of 120.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Maple River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Einar H. Dahl, that the action of the State Engineer in granting and reducing the application of Lloyd Dillon, Buford, North Dakota, for a permit to divert and appropriate water from an unnamed creek, for the irrigation of 36.0 acres of land, described as W $\frac{1}{2}$ NE $\frac{1}{4}$ ; SE $\frac{1}{4}$ NW $\frac{1}{4}$ ; SE $\frac{1}{4}$ SW $\frac{1}{4}$ , N $\frac{1}{2}$ SW $\frac{1}{4}$ ; NW $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 11, Township 154 N., Range 104 W., located in Williams County, North Dakota, be approved and limited to an annual diversion of 63.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the unnamed creek. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Einar H. Dahl, that the action of the State Engineer in granting and limiting the application of Orville Haugen, Buford, North Dakota, for a permit to divert and appropriate water from an unnamed creek, for the irrigation of 24.1 acres of land, described as NW $\frac{1}{4}$ NW $\frac{1}{4}$  of Section 12, Township 154 N., Range 104 W., located in Williams County, North Dakota, be approved and limited to an annual diversion of 42.0 acre feet of water, subject to all prior and exist-



ing water-rights and appropriations covering the unnamed creek. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Einar H. Dahl, that the action of the State Engineer in granting and reducing the application of Emmer Folvag, Grenora, North Dakota, for a permit to divert and appropriate water from Willow Creek, for the irrigation of 14.5 acres of land, described as NW¼ of Section 22, Township 158 N., Range 103 W., located in Williams County, North Dakota, be approved and limited to an annual diversion of 25.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering Willow Creek. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Einar H. Dahl, that the action of the State Engineer in granting and reducing the application of Earl Larson, Fullerton, North Dakota, for a permit to divert and appropriate water from the Maple River, for the irrigation of 38.5 acres of land, described as SW¼ of Section 24, Township 131 N., Range 62 W., located in Dickey County, North Dakota, be approved and limited to an annual diversion of 58.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Maple River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Einar H. Dahl, that the action of the State Engineer in granting and reducing the application of Eugene Romanyshyn, Belfield, North Dakota, for a permit to divert and appropriate water from the Knife River, for the irrigation of 16.0 acres of land, described as S½SW¼; S½SE¼ of Section 33, Township 144 N., Range 98 W., located in Billings County, North Dakota, be approved and limited to an annual diversion of 28.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Knife River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Einar H. Dahl, that the action of the State Engineer in granting and reducing the application of A. W. Mosbrucher, Beulah, North Dakota, for a permit to divert and appropriate water from Spring Creek, for the irrigation of 12.0 acres of land, described as NW¼ of Section 20, Township 144 N., Range 88 W., located in Mercer County, North Dakota, be approved and limited to an annual diversion of 18.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering Spring Creek. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Einar H. Dahl, that the action of the State Engineer in granting and reducing the application of Floyd B. Sperry, Golden Valley, North Dakota, for a permit to divert and appropriate water from Spring Creek, for the irrigation of 20.0 acres of land, described as N½NE¼, SW¼NE¼; NE¼NW¼, S½NW¼ of Section 20, SE¼SW¼; NE¼SE¼, S½SE¼ of Section 17, Township 144 N., Range 90 W., located in Mercer County, North Dakota, be approved and limited to an annual diversion of 30.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering Spring Creek. Upon a unanimous vote of the Commissioners, the motion carried.

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

sioner Einar H. Dahl, that the action of the State Engineer in granting and reducing the application of Robert L. Odum, Werner, North Dakota, for a permit to divert and appropriate water from Spring Creek, for the irrigation of 10.0 acres of land, described as SE $\frac{1}{2}$ SW $\frac{1}{2}$  of Section 19, NE $\frac{1}{2}$ NW $\frac{1}{2}$  of Section 30, Township 145 N., Range 92 W., located in Dunn County, North Dakota, be approved and limited to an annual diversion of 15.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering Spring Creek. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Einar H. Dahl, that the action of the State Engineer in granting and limiting the application of Clarence F. Vogel Lark, North Dakota, for a permit to divert and appropriate water from Louse Creek, for the irrigation of 153.9 acres of land, described as SW $\frac{1}{2}$ NE $\frac{1}{2}$ ; NW $\frac{1}{2}$ ; W $\frac{1}{2}$ SE $\frac{1}{2}$  of Section 4, N $\frac{1}{2}$ NE $\frac{1}{2}$ , SW $\frac{1}{2}$ NE $\frac{1}{2}$ ; SE $\frac{1}{2}$  of Section 9, N $\frac{1}{2}$ NE $\frac{1}{2}$ , SE $\frac{1}{2}$ NE $\frac{1}{2}$ ; SE $\frac{1}{2}$ SW $\frac{1}{2}$  of Section 16, Township 134 N., Range 85 W., located in Grant County, North Dakota, be approved and limited to an annual diversion of 230.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering Louse Creek. Upon a unanimous vote of the Commissioners, the motion carried.

*2 miles w/ Horsemen  
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It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Einar H. Dahl, that the action of the State Engineer in granting and reducing the application of Herbert E. Chase, Hebron, North Dakota, for a permit to divert and appropriate water from the Little Knife Creek, for the irrigation of 33.0 acres of land, described as W $\frac{1}{2}$ SE $\frac{1}{2}$ , SE $\frac{1}{2}$ SE $\frac{1}{2}$  of Section 27, Township 140 N., Range 90 W., located in Morton County, North Dakota, be approved and limited to an annual diversion of 57.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Little Knife Creek. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Einar H. Dahl, that the action of the State Engineer in granting and reducing the application of Agnes Cook, Werner, North Dakota, for a permit to divert and appropriate water from Spring Creek, for the irrigation of 16.6 acres of land, described as SW $\frac{1}{2}$ SW $\frac{1}{2}$ ; S $\frac{1}{2}$ SE $\frac{1}{2}$  of Section 19, N $\frac{1}{2}$ NE $\frac{1}{2}$  of Section 30, Township 145 N., Range 92 W., located in Dunn County, North Dakota, be approved and limited to an annual diversion of 25.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering Spring Creek. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Einar H. Dahl, that the action of the State Engineer in granting and limiting the application of John A. Wagner, Lark, North Dakota, for a permit to divert and appropriate water from Louse Creek, for the irrigation of 63.8 acres of land, described as NE $\frac{1}{2}$ SW $\frac{1}{2}$ ; SE $\frac{1}{2}$  of Section 5, Township 134 N., Range 85 W., located in Grant County, North Dakota, be approved and limited to an annual diversion of 96.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering Louse Creek. Upon a unanimous vote of the Commissioners, the motion carried.

*2 miles w/ Horsemen  
508 minutes 12/19/55  
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It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Einar H. Dahl, that the action of the State Engineer in granting and reducing the application of Roger Johnson, Werner, North Dakota, for a permit to divert and appropriate water from Spring Creek, for the irrigation of 14.6 acres of land, described as SW $\frac{1}{2}$ SW $\frac{1}{2}$  of Section 20, N $\frac{1}{2}$ NW $\frac{1}{2}$  of Section 29, Township 145 N., Range 92 W., located in Dunn County, North Dakota, be approved and limited to an annual diversion of 22.0 acre feet of water, subject to all prior

and existing water-rights and appropriations covering Spring Creek. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Einar H. Dahl, that the action of the State Engineer in granting and reducing the application of Keith Jury, Ellendale, North Dakota, for a permit to divert and appropriate water from the Maple River, for the irrigation of 24.5 acres of land, described as  $N\frac{1}{2}NE\frac{1}{2}$ ;  $SW\frac{1}{2}NE\frac{1}{2}$  of Section 15, Township 129 N., Range 62 W., located in Dickey County, North Dakota, be approved and limited to an annual diversion of 37.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Maple River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Einar H. Dahl, that the action of the State Engineer in granting and limiting the application of Harry Larkin, Rhame, North Dakota, for a permit to divert and appropriate water from the Little Missouri River, for the irrigation of 80.0 acres of land, described as  $SE\frac{1}{2}NE\frac{1}{2}$ ;  $E\frac{1}{2}SE\frac{1}{2}$  of Section 2,  $W\frac{1}{2}SW\frac{1}{2}$  of Section 1, Township 131 N., Range 106 W., located in Bowman County, North Dakota, be approved and limited to an annual diversion of 120.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Little Missouri River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Einar H. Dahl, that the action of the State Engineer in granting and reducing the application of Joe Schorsch, New England, North Dakota, for a permit to divert and appropriate water from the North Fork of the Cannonball River, for the irrigation of 12.0 acres of land, described as  $NW\frac{1}{2}$ ;  $W\frac{1}{2}NE\frac{1}{2}$ ;  $SE\frac{1}{2}NE\frac{1}{2}$ ;  $NW\frac{1}{2}SE\frac{1}{2}$  of Section 25, Township 135 N., Range 96 W., located in Hettinger County, North Dakota, be approved and limited to an annual diversion of 18.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the North Fork of the Cannonball River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Einar H. Dahl, that the action of the State Engineer in granting and reducing the application of John Voigt, Shields, North Dakota, for a permit to divert and appropriate water from the Cannonball River, for the irrigation of 40.0 acres of land, described as  $W\frac{1}{2}NW\frac{1}{2}$ ;  $SE\frac{1}{2}NW\frac{1}{2}$ ;  $E\frac{1}{2}SW\frac{1}{2}$ ;  $W\frac{1}{2}SE\frac{1}{2}$  of Section 30;  $SE\frac{1}{2}NE\frac{1}{2}$ ;  $NE\frac{1}{2}SE\frac{1}{2}$  of Section 31,  $S\frac{1}{2}NW\frac{1}{2}$ ;  $N\frac{1}{2}SW\frac{1}{2}$ ;  $N\frac{1}{2}SE\frac{1}{2}$  of Section 32, Township 131 N., Range 85 W., located in Grant County, North Dakota, be approved and limited to an annual diversion of 60.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Cannonball River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Einar H. Dahl, that the action of the State Engineer in granting and limiting the application of Fred Berger, Watford City, North Dakota, for a permit to divert and appropriate water from Cherry Creek, for the irrigation of 21.2 acres of land, described as  $E\frac{1}{2}SE\frac{1}{2}$  of Section 1, Township 149 N., Range 98 W., located in McKenzie County, North Dakota, be approved and limited to an annual diversion of 31.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering Cherry Creek. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Einar H. Dahl, that the action of the State Engineer in granting and reducing the application of Lloyd Stewart, Brisbane, North Dakota, for a permit to divert and appropriate water from the Cannonball River, for the irrigation of 30.8 acres of land, described as N $\frac{1}{2}$ NW $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ ; SW $\frac{1}{4}$  of Section 32, Township 132 N., Range 86 W., located in Grant County, North Dakota, be approved and limited to an annual diversion of 47.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Cannonball River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Einar H. Dahl, that the action of the State Engineer in granting and reducing the application of Werner Hehn, Leith, North Dakota, for a permit to divert and appropriate water from the Cannonball River, for the irrigation of 40.0 acres of land, described as S $\frac{1}{2}$ SW $\frac{1}{4}$ ; SE $\frac{1}{4}$  of Section 10, NW $\frac{1}{4}$ NE $\frac{1}{4}$ ; NW $\frac{1}{4}$  of Section 15, Township 132 N., Range 88 W., located in Grant County, North Dakota, be approved and limited to an annual diversion of 70.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Cannonball River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Einar H. Dahl, that the action of the State Engineer in granting the application of E. James Boyd, Deering, North Dakota, for a permit to divert and appropriate water from the Little Deep River, for the irrigation of 138.0 acres of land, described as W $\frac{1}{2}$ NE $\frac{1}{4}$ ; SE $\frac{1}{4}$ NW $\frac{1}{4}$ ; NE $\frac{1}{4}$ SW $\frac{1}{4}$  of Section 25, Township 157 N., Range 80 W., located in McHenry County, North Dakota, be approved and limited to an annual diversion of 138.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Little Deep River and the approval of the International Joint Commission. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Einar H. Dahl, that the action of the State Engineer in granting and reducing the application of Howard White, Bowman, North Dakota, for a permit to divert and appropriate water from Spring Creek, for the irrigation of 20.0 acres of land, described as SE $\frac{1}{4}$  of Section 2, Township 131 N., Range 103 W., located in Bowman County, North Dakota, be approved and limited to an annual diversion of 20.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering Spring Creek. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Einar H. Dahl, that the action of the State Engineer in granting and limiting the application of James F. Hazard, Cooperstown, North Dakota, for a permit to divert and appropriate water from sloughs on Hazard property, for the irrigation of 190.0 acres of land, described as NE $\frac{1}{4}$  of Section 15, NW $\frac{1}{4}$  of Section 14, Township 146 N., Range 59 W., located in Griggs County, North Dakota, be approved and limited to an annual diversion of 285.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the sloughs on Hazard property. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Einar H. Dahl, that the action of the State Engineer in granting and reducing the application of Leonard Hovland, Northwood, North Dakota, for a permit to divert and appropriate water from the Goose River, for the irrigation

of 24.0 acres of land, described as SW $\frac{1}{4}$ ; W $\frac{1}{2}$ SE $\frac{1}{4}$  of Section 30, Township 150 N., Range 54 W., located in Grand Forks County, North Dakota, be approved and limited to an annual diversion of 36.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Goose River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Commissioner A. M. Christensen, and seconded by Commissioner Einar H. Dahl, that the action of the State Engineer in granting and reducing the application of Ben F. Thomas, Hazen, North Dakota, for a permit to divert and appropriate water from the Knife River, for the irrigation of 40.0 acres of land, described as NE $\frac{1}{4}$  of Section 5, Township 144 N., Range 85 W., located in Mercer County, North Dakota, be approved and limited to an annual diversion of 70.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Knife River. Upon a unanimous vote of the Commissioners, the motion carried.

Vice-Chairman Curtis Olson and Assistant Secretary Vernon S. Cooper left the meeting at 3:50 o'clock p.m.

According to Secretary Milo W. Hoisveen, it would be desirable to purchase the following equipment for construction and survey work if funds are available from the current appropriation:

Jeep and auger attachment. . . . .	\$5,400
Driving head . . . . .	950
Loading bucket . . . . .	295
Total	<u>\$6,645</u>

It was moved by Commissioner Oscar Lunseth, and seconded by Commissioner Einar H. Dahl, that the State Water Conservation Commission call for bids on a jeep and auger attachment, driving head and loading bucket. Upon roll call by Governor Brunsdale, all Commissioners voted aye and the motion carried.

Secretary Milo W. Hoisveen stated that an architect will be engaged to draw the plans for partitioning the office. An estimate of cost will be presented for consideration at a later date.

A letter from Laurence A. Arpin, Secretary, Lower Yellowstone Weed Control Board, expressing their appreciation to this office for drawing up the Weed Bill, was read to the Commission by Secretary Milo W. Hoisveen.

Secretary Milo W. Hoisveen presented a letter from U. S. Senator Milton R. Young relative to obtaining funds under the Corps of Engineers' 212 Authority for the flood control project in the Churchs Ferry area.

The meeting adjourned at 4:00 o'clock p.m.

Respectfully submitted,

Milo W. Hoisveen  
Secretary

ATTEST:

Norman Brunsdale  
Governor

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
MONTHLY REPORT OF APPROPRIATIONS AS OF APRIL 30, 1955  
1953-1955 APPROPRIATIONS

Fund No.	Appropriation Title	Available July, 1953	Expended to March 31, 1955	Expended to April 1, 1955	Balance April 30, 1955
1.	Commissioners-Per Diem & Expense . . .	\$ 6,000.00	\$ 4,011.34	64.45	\$ 1,924.21
2.	Administrations . . . . .	40,000.00	33,207.58	1,728.26	5,285.50
	Collections and Refunds . . . . .	221.34			
3.	Maintenance of Dams . . . . .	100,000.00	113,172.73	2,496.92	36,118.11
	Refunds and Deposits. . . . .	51,787.76			
4.	International & Interstate-Commission's Conference Expenses . . . . .	8,000.00	5,493.43	138.74	2,367.83
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		7,522.88
	Transfer from # 10 . . . . .	2,500.00			
7.	Salary-State Engineer . . . . .	6,000.00	5,250.00	250.00	500.00
9.	Engineering & Geological Survey & Dem. Transfer from # 10. . . . .	35,000.00 3,500.00	23,175.41	6,516.69	8,807.90
10.	Cooperation with U.S. Departments & for Organizing Conservation & Irr. Districts Less Transfers . . . . .	50,000.00 9,000.00	35,832.88	2,040.31	3,126.81
11.	Small Projects & Other Investigations, Collections and Refunds . . . . .	100,000.00 2,536.62	77,129.46	3,484.51	21,922.65
		<u>\$ 454,545.72</u>	<u>\$346,446.03</u>	<u>\$ 20,523.80</u>	<u>\$87,575.89</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
MONTHLY REPORT OF APPROPRIATIONS AS OF APRIL 30, 1955  
1951 - 1953 APPROPRIATIONS

Fund Number	Appropriation Title	Available July, 1951	Expended to April, 1955	Balance April, 1955
1.	Commissioner-Per Diem & Expense . . . . . #	6,000.00	5,720.71	279.29
2.	Administrations . . . . .	35,000.00	38,293.58	1,191.70
	Collections and Refunds . . . . .	4,485.28		
3.	Maintenance of Dams . . . . .	120,000.00	170,143.34	12,084.34
	Collections and Refunds . . . . .	62,227.68		
4.	International & Interstate Commissions' & Con- ference Expense . . . . .	14,000.00	7,517.59	6,482.41
5.	Topographic & Conservation Cooperation with U.S.G.S. . . . .	35,000.00	35,000.00	NIL
6.	Hydrographic Surveys, Cooperation with U.S.G.S. . . . .	25,000.00	25,000.00	NIL
7.	Salary - State Engineer . . . . .	6,000.00	6,000.00	NIL
8.	Construction & Reconstruction Drains & Irrig.	90,000.00	64,355.49	25,644.51
9.	Engineering & Geological Surveys & Demonstration ADD: Transfer from # 10	35,000.00 3,500.00	38,500.00	NIL
10.	Cooperation with U. S. Department & for Organizing Conservation & Irrigation Districts . . . . .	65,000.00	69,028.99	1,471.01
	Less Transfer # 9 . . . . .	3,500.00		
11.	Small Projects, Other Invest. Surveys, Etc. . . .	<u>150,000.00</u>	<u>104,992.25</u>	<u>45,007.75</u>
		\$647,712.96	\$555,551.95	\$92,161.01

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
 MONTHLY REPORT OF APPROPRIATION AS OF APRIL 30, 1955  
 CONSTRUCTION & RECONSTRUCTION DRAIN OR IRRIGATION  
 1953 - 1957

Appropriation Title	Available July 1, 1954	Expenditures To April, 1955	Balance April 1, 1955
Construction and Reconstruction Drains or Irrigation . . . . .	\$ <u>140,000.00</u> 140,000.00	\$ <u>3,744.04</u> 3,744.04	\$ <u>113,415.79</u> 113,415.79

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
 MONTHLY REPORT OF APPROPRIATION AS OF APRIL 30, 1955  
 CONSTRUCTION BOND GUARANTY FUND (CONTINUING APPROPRIATION)

Appropriation Title	Balance July 1, 1953	Expended	Balance April 30, 1955
Construction Bond Guaranty Fund . . . . .	\$ <u>70,541.00</u> 70,541.00	<u>NIL</u> NIL	\$ <u>70,541.00</u> 70,541.00



NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
DEPOSITS IN THE BANK OF NORTH DAKOTA  
APRIL 30, 1955

Source of Deposits	Transit Number	Amount Deposited	Expended April 30'55	Balance April 30'55
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	
Mylø	250.00	Upham	750.00	
Neché	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	35,430.60	20,726.13	14,704.47
Booklet	501-127	2,887.57	1,488.32	1,399.25
TOTAL OF ALL BANK OF NORTH DAKOTA DEPOSITS AS OF APRIL 30, 1955				\$16,103.72

PAYROLL OF  
NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
APRIL, 1955

(Permanent Employees)

Name	Position	Pay Grade	Salary Apr.	With. Tax	N.D. OASIS	Fosp. Ins.	Savings Bond	Net Pay	Remarks
Hoisveen, Milo	State Engr.-Sec'y & ch. Engr.	K-4	617.67	81.60	9.27	9.65		517.15	Increase Aug'54
Acker, Iver A.	Spec, Ass't Att'y General	F-10	402.17	43.80	6.03	9.65		342.69	Adjusted Aug'54
Anderson, Albin S.	Field Engineer	F-5	354.67	54.10	5.32	4.15		291.10	Adjusted Aug'54
Clark, Lorraine	Bookkeeper	B-5	186.67	23.50	2.80	9.65		150.72	Increased Dec. '54
Cooper, Vernon	Ass't Sec'y	J-5	578.67	62.60	8.68	9.65		497.74	Increased Aug'54
Duppong, Esther	Clerk typist	B-7	196.67	25.60	2.95	4.15	18.75	145.22	Increased Dec. '54
Fredrickson, Fred	Planning Coord.		252.00	15.40	3.78			232.82	Increased Aug. '54
Hughes, Lynda	File-clerk	B-4	90.84	11.40	1.36	4.15	18.75	55.18	Increased Dec. '54
Johnson, Lloyd	Const. Foreman	F-3	335.67	29.80	5.04	9.65		291.18	Increased Dec'54
Kounts, Stanley	Const. Engr.	G-6	421.67	47.40	6.32	9.65		358.30	Increased Dec. '54
Mees, LaDarana	Draftsman	D-1	112.50	10.35	1.69			100.46	Working $\frac{1}{2}$ dys
Messer, Ervin	Rodman	B-2	74.36	9.52	1.12			63.72	Started Apr. 18'55
Myers, Thomas	Draftsman	D-1	112.50	5.40	1.69			105.41	Working $\frac{1}{2}$ dys.
Nordstrom, Franz	Equip. Foreman	F-3	335.67	29.80	5.04			300.83	Increased Dec. '54
Pederson, Marlene	Chief Steno.	D-5	252.00	35.40	3.78	4.15		208.67	Increased Dec. '54
Putz, Roy	Rodman	A-4	163.50	19.20	2.45	4.15		137.70	Increased Aug. '54
Radspinner, Arthur	Instrumentman	F-2	326.17		4.89			321.28	Increased Dec. '54
Reiter, Daniel	Rodman	A-4	181.67	22.80	2.73			156.14	Started Jan 1'55
Sheldon, Marvin	Office Engr.	G-6	421.67	37.40	6.33	9.65		368.29	Increased Dec'54
Smith, Eugene	Rodman	A-1	33.36	3.96				29.40	Quit Apr. 1'55
Tyson, Roy	Const. Engr.	G-5	198.50	16.39		9.65		172.46	Quit March 30'55
Westgate, S. S.	Ass't State Engineer	J-5	578.67	22.60	8.68	9.65		537.74	Started Nov. 22'54
Wahl, Robert	Instrumentman	D-1	97.50	13.26	1.46			82.78	Started Apr. 18'55

PAYROLL OF  
 NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
 APRIL, 1955

(Temporary Employees)

Name	Position	Salary April	With Tax	N. D. OASIS	Net Pay	Remarks
Moore, Edward	Rodman	63.25		.95	62.30	Working by the hour.
Reimer, Rodney	Laborer	70.00	7.90	1.05	61.05	Working by the hour.
Ronning, Ole	Operator	184.00	26.40	2.76	154.84	Working by the hour.
Sullivan, Judy	Steno	30.00			30.00	six weeks of school tr.
Turner, J. L.	Attendant	40.00		.60	39.40	Working with exhibit.
Vikan, Reuban	Painter	24.75			24.75	Painting
Walterson, Howard	Operator	184.00	26.40	2.76	154.84	Working by the hour.

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

Fund No.	Appropriation Title	Available July, 1953	Expended to April 30, 1955	Expended to May 1, 1955	Balance May 31, 1955
1.	Commissioners-Per Diem & Expense . . . .	\$ 6,000.00	\$ 4,075.79	121.46	\$ 1,802.75
2.	Administrations . . . . .	40,000.00	34,935.84	1,267.16	4,018.34
	Collections and Refunds . . . . .	221.34			
3.	Maintenance of Dams . . . . .	100,000.00	115,669.65	3,990.10	32,128.01
	Refunds and Deposits . . . . .	51,787.76			
4.	International & Interstate-Commission's Conference Expenses . . . . .	8,000.00	5,632.17	1,557.05	810.78
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	5,500.00	250.00	250.00
9.	Engineering & Geological Survey & Dem. Transfer from # 10 . . . . .	35,000.00 3,500.00	29,692.10	2,696.53	6,111.37
10.	Cooperation with U.S. Departments & for Organizing Conservation & Irr. Districts Less Transfers . . . . .	50,000.00 9,000.00	37,873.19	1,973.66	1,153.15
11.	Small Projects & Other Investigations Collections and Refunds . . . . .	100,000.00 2,536.62	80,613.97	2,947.38	18,975.27
		<u>\$454,545.72</u>	<u>\$363,165.91</u>	<u>\$23,403.70</u>	<u>\$67,976.11</u>

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
MONTHLY REPORT OF APPROPRIATIONS AS OF MAY 31, 1955  
1951 - 1953 APPROPRIATIONS

Fund Number	Appropriation Title	Available July, 1951	Expended to May, 1955	Balance May, 1955
1.	Commissioner-Per Diem & Expense . . . . . \$	6,000.00	5,720.71	279.29
2.	Administrations . . . . .	35,000.00	38,293.58	1,191.70
	Collections and Refunds . . . . .	4,485.28		
3.	Maintenance of Dams . . . . .	120,000.00	170,143.34	12,084.34
	Collections and Refunds . . . . .	62,227.68		
4.	International & Interstate Commissions' & Con- ference Expense . . . . .	14,000.00	7,517.59	6,482.41
5.	Topographic & Conservation Cooperation with U.S.G.S. . . . .	35,000.00	35,000.00	NIL
6.	Hydrographic Surveys, Cooperation with U.S.G.S. . . . .	25,000.00	25,000.00	NIL
7.	Salary-State Engineer . . . . .	6,000.00	6,000.00	NIL
8.	Construction & Reconstruction Drains & Irrig.	90,000.00	64,355.49	25,644.51
9.	Engineering & Geological Surveys & Demonstration Add: Transfer from # 10	35,000.00 3,500.00	38,500.00	NIL
10.	Cooperation with U. S. Department & for Organizing Conservation & Irrigation Districts . . . . . Less Transfer # 9 . . . . .	65,000.00 3,500.00	69,028.99	1,471.01
11.	Small Projects, Other Invest. Surveys, Etc. . .	150,000.00	104,992.25	45,007.75
		<u>\$647,712.96</u>	<u>\$555,551.95</u>	<u>\$92,161.01</u>

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

Appropriation Title	Available July 1, 1954	Expenditures to May, 1955	Balance May 1, 1955
Construction and Reconstruction Drains or Irrigation . . . . .	\$ 140,000.00	\$ 3,744.04	\$ 113,415.79
	<u>140,000.00</u>	<u>3,744.04</u>	<u>113,415.79</u>

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

Appropriation Title	Balance July 1, 1953	Expended	Balance May 31, 1955
Construction Bond Guaranty Fund . . . . .	\$ 70,541.00	NIL	\$ 70,541.00
	<u>79,541.00</u>	<u>NIL</u>	<u>70,541.00</u>

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

Source of Deposits	Transit Number	Amount Deposited	Expended May 31, 1955	Balance May 31 '55
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		
Mylø 250.00	Upham	750.00		
Neché 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
	501-127	2,887.57	1,488.32	<u>1,399.25</u>
Booklet				\$18,875.37
TOTAL OF ALL BANK OF NORTH DAKOTA DEPOSITS AS OF MAY 31, 1955				

PAYROLL OF  
NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
MAY, 1955

(Permanent Employees)

Name	Position	Pay Grade	Salary May	With Tax	N.D. OASIS	Hosp. Ins.	Savings Bond	Net Pay	Remarks
Hoisveen, Milo	State Engr.-Sec'y & Ch. Engr.	K-4	617.67	81.60	9.27	9.65		517.15	Increased Aug'54
Acker, Iver A.	Spec, Ass't Att'y General	F-10	402.17	43.80	6.03	9.65		342.69	Adjusted Aug'54
Anderson, Albin S.	Field Engineer	F-5	354.67	54.10	5.32	4.15		291.10	Adjusted Aug'54
Clark, Lorraine	Bookkeeper	B-5	186.67	23.50	2.80	9.65		150.72	Increased Dec'54
Cooper, Vernon	Ass't Sec'y	J-5	578.67	62.60	8.68	9.65		497.74	Increased Aug'54
Duppong, Esther	Clerk typist	B-7	196.67	25.60	2.95	4.15	18.75	145.22	Increased Dec'54
Fredrickson, Fred	Planning Coord.		252.00	15.40	3.78			232.82	Increased Aug'54
Hughes, Lynda	File-clerk	B-4	90.84	11.40	1.36	4.15	18.75	55.18	Increased Dec'54
Hahn, Orville	Rodman	B-2	42.42	3.01				39.41	Quit March 31'55
Johnson, Lloyd	Const. Foreman	F-3	335.67	29.80	5.04	9.65		291.18	Increased Dec'54
Kounts, Stanley	Const. Engr.	G-6	421.67	47.40	6.32	9.65		358.30	Increased Dec'54
Mees, LaDarana	Draftsman	D-1	112.50	10.35	1.69			100.46	Working 1/2 dys.
Messer, Ervin	Rodman	B-2	171.67	20.60	2.58	4.15		144.34	Started Apr 18'55
Myers, Thomas	Draftsman	D-1	112.50	5.40	1.69			105.41	Working 1/2 dys
Nordstrom, Franz	Equip. foreman	F-3	335.67	29.80	5.04			300.83	Increased Dec'54
Pederson, Marlene	Chief Steno	D-5	252.00	35.40	3.78	4.15		208.67	Increased Dec'54
Putz, Roy	Rodman	A-4	163.50	19.20	2.45	4.15		137.70	Increased Aug'54
Radspinner, Arthur	Instrumentman	F-2	326.17		4.89			321.28	Increased Dec'54
Reiter, Daniel	Rodman	A-4	181.67	22.80	2.73			156.14	Started Jan 1'55
Sheldon, Marvin	Office Engr.	G-6	421.67	37.40	6.33	9.65		368.29	Increased Dec'54
Wahl, Robert	Instrumentman	D-1	225.00	30.70	3.38	4.15		186.77	Started Apr 18'55
Westgate, S.S.	Ass't State Engineer	J-5	578.67	22.60	8.68	9.65		537.74	Started Nov. 22'54



PAYROLL OF  
NORTH DAKOTA STATE WATER CONSERVATION COMMISSION  
MAY, 1955

(Temporary Employees)

Name	Position	Salary May	With Tax	N. Dak. OASIS	P.P. Taxes	Net Pay	Remarks
Ibach, Mike	Laborer	122.50	11.00	1.84		109.66	Working by the hour.
Jahner, Joe F.	Laborer	16.25		.24	2.40	13.61	Working by the hour.
Mapson, Frank	Laborer	18.75		.28		18.47	Working by the hour.
Moore, Edward	Rodman	82.80	1.10	1.24		80.46	Working by the hour.
Moser, Gust	Laborer	66.25	9.80	.99		55.46	Working by the hour.
Oberg, Kenneth	Reading gages	8.00				8.00	Working by the hour.
Ronning, Ole	Operator	272.00	37.50	4.08		230.42	Working by the hour.
Rufsvold, Linas	Laborer	126.25	4.30	1.89		120.06	Working by the hour.
Sletmoe, Gerald	Reading gages	40.00				40.00	Working by the hour.
Vettel, Joyce	Stenographer	151.00	17.10			133.90	Extra work
Walterson, Howard	Operator	264.00	36.10	3.96		223.94	Working by the hour.
Wentz, Wendelin	Rodman	146.05	17.00	2.19		126.86	Working by the hour.