

STATE WATER CONSERVATION COMMISSION
 MINUTES OF MEETING
 Held In Office of State Water Commission
 Bismarck, North Dakota
 October 24, 1960

A regular meeting of the North Dakota State Water Conservation Commission was called to order on October 24, 1960 in the office of the Commission, State Capitol Building, to consider routine business matters. The following members were present:

MEMBERS OF THE STATE WATER COMMISSION:

Governor John E. Davis, Chairman
 Oscar Lunseth, Member from Grand Forks
 Earle Tucker, Member from Bismarck
 Einar Dahl, Member from Watford City
 Math Dahl, Member, Commissioner of Agriculture & Labor, Bismarck
 W. W. Corwin, Member from Fargo
 Fred J. Fredrickson, Planning Coordinator, Valley City
 Milo W. Holsveen, Secretary & Chief Engineer, State Engineer, Bismarck

OTHERS PRESENT:

Rollin D. Young, Lemmon, South Dakota
 Jack Murphy, Killdeer
 William Van Oosting, Hensler
 Ray Schnell, Dickinson
 James Maher, Morristown, South Dakota
 Clarence P. Loewen, Hazen
 R. V. Trousdale, Mott
 A. R. Miller, Golden Valley
 C. W. Fries, Scranton
 Emil Strand, Fryburg
 Richard Gallagher, Mandan
 Oscar Berg, Minot
 R. J. Saller, Bismarck
 Ralph Beede, Elgin
 Commissioner Olson, McIntosh, South Dakota
 Leo LaLonde, Bismarck

The meeting was called to order by Vice Chairman Earle F. Tucker at 9:40 a.m. with Commissioners Oscar Lunseth, W. W. Corwin, Einar Dahl and Secretary Holsveen present.

APPROVAL OF MINUTES It was moved by Commissioner Einar Dahl and seconded by Commissioner Lunseth that the minutes of the September 16, 1960 meeting be approved and filed in the office of the State Water Commission. All Commission members voted aye. Motion carried.

FINANCIAL STATEMENT FOR SEPTEMBER 1960 Commissioner Lunseth moved approval of the September 1960 financial statement. Commissioner Einar Dahl seconded the motion. All Commission members voted aye. Motion carried.

SNAGGING AND CLEARING PROJECT
CORPS OF ENGINEERS-
WILLOW & OAK CREEK FLOOD
CONTROL DISTRICTS

Secretary Holsveen stated that the Secretary of the Oak Creek Water Conservation and Flood Control District asked if the Commission would not write to the Corps of Engineers to initiate a snagging and clearing project for

the lower refuge area on the Souris River, Oak and Willow Creeks. There has been considerable recurring floods in the area. The channel is in bad shape and in need of snagging and clearing. Possibly channel straightening will be required. The Federal Wildlife maintain a refuge in that area and maintains a bridge in the lower reach of Willow Creek which causes back water and considerable flooding to farm land. The Oak Creek Flood Control District desires the Water Commission request the Corps of Engineers, through resolution, if it is the desire of the Commission members, to participate in such a project. If channel changes are necessary, they would be required to obtain approval from higher authority. This type of a project should not cost the local people anything but easements. Commissioner Einar Dahl moved that the Commission request the Corps of Engineers to investigate the snagging and clearing project in Willow and Oak Creeks. All Commission members voted aye. Motion carried.

LOWER SHEYENNE RIVER FLOOD
CONTROL MEETING

Commissioner Corwin reported on the Lower Sheyenne River Flood Control meeting in Fargo. An attempt had been made to establish a

water conservation and flood control district in the southwest Fargo area. There was considerable objection by downstream landowners. A flood control district was later established by deleting the downstream objectors. A meeting was held with Senator Young and Colonel Strandberg. It appears that the Corps of Engineers will go ahead with an investigation.

Secretary Holsveen stated that Senator Young advised that it would be necessary to have a further appropriation of \$5000 for review and restudy of the previous report. Senator Young feels that probably there should be a citizens' commission organized in that area to take care of some of the objections that exist downstream. He was impressed with the citizens' committee that was organized in Fargo on the flood control project just completed and dedicated. Secretary Holsveen stated that a letter could be written suggesting such a thing.

SOURIS RIVER FLOOD CONTROL
PROJECTS - Minot Resolution,
Renville County Resolution

Mr. Fredrickson was a party to the tour with the Corps of Engineers. They made a stop at West Fargo. Colonel Strandberg, Mr. Lyons, Senator Young, and Senator Young's adminis-

trative assistant, Chris Sylvester, were along on the tour. Southwest Fargo flood condition was discussed and then a trip was made to Minot and a review of the flood conditions that exist in the upper reaches of the Souris River was made. Secretary Holsveen called the Commission members attention to paragraph 62 in a preliminary report made by the Corps of Engineers which stated that the city of Minot could have a major catastrophe if the Lake Darling Dam would fail. The project was reviewed that afternoon and a meeting was held with the city commission and everyone seems to feel that some direct action would be taken. There is a controversy as to location of the dam site. If the Lake Darling dam structure is raised then it would flood into Renville County and divide that county. Renville County is not in favor of such procedure.

Mayor Harrington would favor the location of the dam at Baker Bridge. The engineers appear to favor constructing a dam near the confluence of the Souris and Des Lacs Rivers. If there should be a major flood that would give Minot full protection. There also seems to be some valuable land involved in the latter development. Two resolutions have been submitted, one by the City of Minot and the other by the County of Renville which would alert the commission to the situation. The city of Minot feels they would not get a water supply from this location, because of the situation that exists regarding the water rights. The Federal Wildlife has almost complete control of the river now. They were able to obtain easements at a time when it was easy to secure easements. Minot is pretty much out of water from that particular source. This resolution points out the need for water from the Garrison Diversion Unit. Both resolutions were read by Secretary Hoisveen. The resolutions are attached and marked Appendix A and Appendix B.

RESERVOIR OPERATING
PLAN

Secretary Hoisveen stated that back in 1957 legislation was obtained that would require any federal agency or industry operating a reservoir that exceeds 1000 acre feet storage to file an operating plan with the State Water Commission showing how they intended to regulate the flow for the ensuing year. Until recently, there has been no need for such regulation. Complaints have been received on the regulation of the Baldhill and Souris River reservoirs. There are some who feel that considerable erosion is taking place because of the releases being made from Baldhill. The releases from Baldhill are clear and have ability to pick up silt. There have been suggestions that the releases be made when the banks are frozen. That would be difficult when water is needed from storage during the summer months by Fargo, Grand Forks and other cities. We need a plan of use and intent to operate a reservoir. It would also be necessary on Homme Dam, for Grafton and Park River depend on Homme Dam for their municipal water supplies. The statute should be invoked to apply to all who maintain a reservoir in the state. The Secretary requested direction from the Commission members. Commissioner Lunseth moved that Secretary Hoisveen be given authority to request the agencies operating a reservoir that exceeds 1000 acre feet storage to file an operating plan with the State Water Commission. The motion was seconded by Commissioner Corwin. On vote all Commission members voted aye. Motion carried.

GROUND WATER SURVEY
CITY OF REYNOLDS

A letter was received from Mr. John F. Zon, City Auditor, Reynolds, North Dakota enclosing a check for the sum of \$1,500 requesting the State Water Conservation Commission to conduct a ground water survey for the City of Reynolds this fall. Secretary Hoisveen stated that unless we have a very favorable fall it will not be possible to conduct a survey this fall. The City of Reynolds was informed of this. Commissioner Lunseth moved that the Secretary be authorized to proceed with a ground water survey for the City of Reynolds when it is possible for the crews to work in that area. The motion was seconded by Commissioner Corwin. On vote all Commission members voted aye and the motion was carried.

NOME WATER SUPPLY

Mr. Fredrickson stated that the City of Nome hauls all of its water from springs ten miles west from Nome near the Little Yellowstone Park. This past summer the springs have failed. In order to get water from one spring it is necessary to pump the water with a high lift pump. A new road has been built. It was thought that the failure of the springs was due to the highway improvement. Assistant State Engineer, Timm, viewed the site twice and he feels there is no connection. There is undoubtedly failure of the pipe. The question is - what is the Water Commission willing to do, if anything, to try to rehabilitate this water system from which Nome is taking its water supply. The water is contaminated and unfit to drink. The health department was conferred with after the first visit to see if they could determine where the contamination was coming from and whether it could be treated. Mr. Fredrickson felt that Secretary Hoisveen should go to Nome and investigate the situation himself. There was discussion as to ways of correcting the situation. It was moved by Commissioner Einar Dahl and seconded by Commissioner Corwin directing Secretary Hoisveen to check over the Nome situation. All commission members voted aye and the motion was carried.

STOCKWATER IMPOUNDMENT CRITERIA

Secretary Hoisveen stated that the stockwater impoundment problem had been discussed on a recent southwestern trip. The southwestern part of the state is where most of these impoundments are being built. Mr. Fredrickson and Secretary Hoisveen met with John Rouzie. Mr. Rouzie favored the construction of small dams as a method of controlling the severe erosion that is occurring near the Little Missouri. It was suggested to John Rouzie that the committee study the possibility of constructing dams in a zone approximating 10 or 15 mile distance from and paralleling the Little Missouri as an erosion control. Mr. Rouzie was in favor of such suggestion. This proposal has also been discussed with other people and they also favor such dams. The matter of permitting the construction of small dams in the pothole or noncontributing area of the Souris River was considered. Practically no water rights are issued on the Souris River at present. That would alleviate in a small way the restriction imposed by the Commission. It was suggested that the reservoir spacing in the upper reaches should not be less than one mile apart on the same ownership. At present many stock water dams are being constructed in the upper reaches of several rivers. At present the water supply is so depleted that if one or two irrigators remove water from the main stem the riparian owners are without water for their stock. It was felt that there should be some type of regulation on dam construction in the tributaries of these streams. Criteria was prepared in cooperation with the Soil Conservation Service. The Soil Conservation is promoting stock water dams and as a consequence it is frequently being overdone. On the north branch of the Grand River, if it continues as it has been there will be no use for constructing the Bowman-Haley Dam - there will be no water. A meeting was held in Omaha with the Corps of Engineers, at which time some representation from the Bowman-Haley area was present. They indicated that the State Game and Fish Department and the Soil Conservation Service have constructed a reservoir in this area. The situation needs to be controlled. It does point up the need for greater coordination of activities on the part of all agencies interested in water resource development.

APPLE CREEK REPORT

Commissioner Tucker reported on the meeting of the Apple Creek Committee. The County Commissioners of Burleigh County were not in a position to give financial assistance as there was no park involved. Secretary Holsveen stated that the State Water Commission, could, if proper financial arrangements can be made, install a dam in lower Apple Creek at a minimum cost of \$9000. This dam would back water for several miles, and do much to eliminate the numerous problems existing on this stream at present. Secretary Holsveen indicated that much time was required to stop water disputes on this stream.

Governor Davis presided at the meeting.

SW N.D. DEVELOPMENT
DISTRICT STUDY
COMMITTEE ACTIVATED

Mr. Beede, chairman of the Select Committee appointed by the N. D. Water Users Association, made the following report relative to the feasibility of establishing a legal entity to better facilitate the development of the natural resources of Southwest North Dakota:

Bismarck, North Dakota
October 24, 1960

Mr. Milo W. Holsveen, Secretary
Chief Engineer-State Engineer
State Water Conservation Commission
Bismarck, North Dakota

Dear Mr. Holsveen:

Pursuant to Commission assent thereto of April 22, 1960, the Select Committee of the North Dakota Water Users Association, Inc. (a statewide organization of 2800 members concerned with the development of the soil and water resources of the State), created October 6, 1959 for the purpose of investigating the feasibility of establishing a legal entity to better facilitate the development of the natural resources in southwestern North Dakota reports:

That it held a public meeting in the county seat of each of the 14 affected counties south and west of the Missouri River in North Dakota, except in Billings County where, at the request of local interests thereof, the meeting was held in Belfield, in adjoining Stark County, at which the Select Committee outlined a legislative proposal for a "development district" for Southwest North Dakota substantially as contained in the attached draft thereof identified as "Draft of proposed legislation of Southwest North Dakota Development District recommended to Study Committee by Temporary Committee of the North Dakota Water Users Association, October 24, 1960", which by reference is made a part hereof and recommended for your study, review and evaluation, and it is hoped, your approval.

That the Select Committee conducted discussions thereon and received suggestions relating thereto, and each meeting favored and endorsed a further study of the proposed plan and legislative outline thereof, and those in attendance named a representative from the County to a suggested Study Committee to examine and evaluate the proposal and to report thereon with recommendations to the North Dakota State Water Conservation Commission.

The Select Committee submits herewith a summary of the meetings held and a list of the persons selected to the Study Committee, which it recommends be appointed thereto and requested to meet and organize as soon as practicable.

FOR THE SELECT COMMITTEE:

(Sgd) Ralph G. Beede
Ralph G. Beede, Chairman

(Sgd) R. J. Sailer
R. J. Sailer, Secretary

Summary of meetings held by Select Committee of North
Dakota Water Users Association, Inc., in the fourteen
counties south and west of Missouri River, North Dakota

| County | Date, time and place of meeting | | Member of Study Committee | |
|---------------|--|----------------------|---------------------------|--|
| | Name | Address | | |
| Adams | 9/27/60, 3:00 p.m. Hettinger, court room, Court House | Rollin D. Young | Lemmon, S. D. | |
| Billings | 9/26/60, 3:00 p.m. Belfield, Memo- rial Hall | Emil Strand | Fryburg | |
| Bowman | 9/15/60, 2:00 p.m. Bowman, court room, Court House | Charles W. Fries | Scranton | |
| Dunn | 9/29/60, 10:00 a.m. Manning, Manning Community Hall | Jack Murphy | Killdeer | |
| Golden Valley | 9/26/60, 10:00 a.m. Beach, court room Court House | A. R. Miller | Beach | |
| Grant | 9/27/60 8:00 p.m. Carson, court room, Court House | Dr. M. S. Jacobson | Elgin | |
| Hettinger | 9/15/60, 7:00 p.m. Mott, court room, Court House | R. V. Trousdale | Mott | |
| McKenzie | 9/26/60, 7:30 p.m. Watford City, City Civic Center | Halvor Rolfsrud | Watford City | |
| Mercer | 9/29/60, 3:00 p.m. Stanton, court room, Court House | Clarence P. Loewen | Hazen | |
| Morton | 9/28/60, 7:30 p.m. Mandan, Basement Meeting Room, Court House | Richard P. Gallagher | Mandan | |
| Oliver | 9/29/60, 7:00 p.m. Center, Log Cabin | William Van Oosting | Hensler | |
| Sioux | 9/28/60, 3:30 p.m. Fort Yates, High School building | James Maher | Morristown, S.D. | |
| Slope | 9/27/60, 10:00 a.m. Amidon, Quonset Hall | Stanley J. Maixner | Bowman | |
| Stark | 9/14/60, 7:00 p.m. Dickinson, Elks' Club Bldg. 3rd floor | Ray Schnell | Dickinson | |

Mr. Beede stated that meetings had been held throughout the 14 counties in the southwestern part of North Dakota. The reception of those who attended the meetings had been very good. It was estimated that the majority of those attending had been farmers and ranchers. Questions had been asked and had been ably answered by those who conducted the meetings. In attendance at all of these meetings had been Fred Fredrickson, Milo W. Holsveen, R. J. Saller and Richard Gallagher. Mr. Beede stated that most of the problems asked about had to do with conservation of our water resources. The idea that this development district would be organized for the purpose of developing any and all projects in the southwestern part of the state was favorably received. The next step is the question of organization of a study committee.

Commissioner Corwin requested Mr. Fredrickson read the following resolution:

R E S O L U T I O N
of
NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
CREATING AND ACTIVATING THE SOUTHWEST NORTH
DAKOTA DEVELOPMENT DISTRICT STUDY COMMITTEE

WHEREAS, the North Dakota Water Users Association, Inc., a statewide organization of 2800 members, representing all fields of endeavor in the State and formed for the purpose of promoting the conservation, development and utilization of the soil and water resources of North Dakota, on October 6, 1959 named a Select Committee, composed of Ralph G. Beede, veteran legislator, attorney and publisher, of Elgin; Richard P. Gallagher, attorney and civic leader, of Mandan; Reinhold J. Saller, landowner in Dunn, Mercer and Oliver counties, now of Bismarck; Milo W. Holsveen, State Engineer, Secretary and Chief Engineer of State Water Conservation Commission, of Bismarck; and Fred J. Fredrickson, an attorney, former State Senator, and now the Washington, D. C. representative of the North Dakota State Chamber of Commerce - Greater North Dakota Association - planning coordinator of the State Water Conservation Commission, of Valley City, to investigate the feasibility of establishing a legal entity to better facilitate the development of the natural resources of southwestern North Dakota; and

WHEREAS said Select Committee organized by electing Beede as chairman, and Saller as secretary, and at the April 22, 1960 meeting of this Commission the Select Committee appeared and presented an outline of a proposal for the establishment by the legislature of a public entity, referred to as "development district," for all of the area lying south and west of the Missouri River in North Dakota, comprising the counties of Adams, Billings, Bowman, Dunn Golden Valley, Grant, Hettinger, McKenzie, Mercer, Morton, Oliver, Sioux, Slope and Stark, patterned in part upon the Garrison Diversion Conservancy District, chapter 61-24 of the North Dakota Revised Code of 1943, as amended, and requested the Commission's assent, which was forthwith granted, to hold a public meeting by the Select Committee in each of said fourteen affected counties, for the purpose of presenting to the people of each county the proposed district development plan, and for the selection in each of those in attendance at such meeting of a person to represent the county on a suggested study committee to be created by the State Water

Conservation Commission, to consider and review the proposal and report its conclusions and recommendations thereon to the State Water Conservation Commission; and

WHEREAS, the said Select Committee has this date reported to this Commission that it did hold a public meeting in the county seat of each of said counties, except Billings county where, at the request of local interests of that county, the meeting was held in Belfield, in adjoining Stark county, and that it presented to each meeting an outline of the legislative proposal mentioned above for the establishment of a development district for Southwest North Dakota substantially as contained in the attached draft thereof, identified as "Draft of proposed legislation of Southwest North Dakota Development District, recommended to Study Committee by Temporary Committee of North Dakota Water Users Association, October 24, 1960," and by reference made a part hereof; that it conducted discussions thereon and received suggestions relating thereto; and that each meeting favored and endorsed a further study of the proposed plan and named a representative for the county to membership on the proposed Study Committee, all of which is shown in the following list of meetings and names of persons selected to the Study Committee:

Summary of meetings held by Select Committee of North Dakota Water Users Association, Inc., in the fourteen counties south and west of Missouri River, North Dakota

| County | Date, time and place of meeting | Member of Study Committee | Address |
|---------------|--|---------------------------|---------------|
| Adams | 9/27/60, 3:00 p.m. Hettinger, court room, Court House | Rollin D. Young | Lemmons, S.D. |
| Billings | 9/26/60, 3:00 p.m. Belfield, Memorial Hall | Emil Strand | Fryburg |
| Bowman | 9/15/60, 2:00 p.m. Bowman, court room Court House | Charles W. Fries | Scranton |
| Dunn | 9/29/60, 10:00 a.m. Manning, Manning Community Hall | Jack Murphy | Killdeer |
| Golden Valley | 9/26/60, 10:00 a.m. Beach, court room Court House | A. R. Miller | Beach |
| Grant | 9/27/60, 8:00 p.m. Carson, court room Court House | Dr. M. S. Jacobson | Elgin |
| Hettinger | 9/15/60, 7:00 p.m. Mott, court room Court House | R. V. Trousdale | Mott |
| McKenzie | 9/26/60, 7:30 p.m. Watford City, City Civic Center | Halvor Rolfsrud | Watford City |
| Mercer | 9/29/60, 3:00, p.m. Stanton, court room Court House | Clarence P. Loewen | Hazen |

| | | | |
|--------|--|---------------------|------------------|
| Morton | 9/28/60, 7:30 p.m. Mandan, Basement Meeting Room, Court House | Richard P. Gallaher | Mandan |
| Oliver | 9/29/60, 7:00 p.m. Center, Log Cabin | William Van Oosting | Hensler |
| Sioux | 9/28/60, 3:30 p.m. Fort Yates, High School Building | James Maher | Morristown, S.D. |
| Slope | 9/27/60, 10:00 a.m. Amdon, Quonset Hall | Stanley J. Maixner | Bowman |
| Stark | 9/14/60, 7:00 p.m. Dickinson Elks' Club Building 3rd floor | Ray Schnell | Dickinson |

and

WHEREAS, the Select Committee recommends that the Commission approve the suggestion to further study and evaluate the attached draft of the development district proposal; that the Commission approve the selection of the above listed persons to membership on the Study Committee and effect their appointment thereto; and that the said Study Committee be called to meet and organize as soon as practicable;

NOW, THEREFORE, BE IT RESOLVED by the North Dakota State Water Conservation Commission, meeting in regular session in its office in the State Capitol this 24th day of October, 1960, that the report and recommendations of the Select Committee be received; that the formation of the proposed Study Committee and the selection of membership thereto as listed herein be approved; that the said Rollin D. Young, Emil Strand, Charles W. Fries, Jack Murphy, A. R. Miller, M. S. Jacobson, Robert Trousdale, Halvor Rolfsrud, Clarence P. Loewen, Richard P. Gallagher, William Van Oosting, James Maher, Stanley Maixner and Ray Schnell be, and they hereby are, appointed to membership on such Study Committee; that the Study Committee is hereby requested to meet and organize by selecting a chairman, vice chairman and secretary as soon as possible; and that such Study Committee make a report to this Commission of its study, review and evaluation of the proposed development district plan and the draft thereof, together with its recommendations thereon, not later than December 10, 1960.

FOR THE NORTH DAKOTA STATE
WATER CONSERVATION COMMISSION:

(Sgd) John E. Davis
John E. Davis, Governor, Chairman

ATTEST:

(Sgd) Milo W. Hoisveen
Milo W. Hoisveen, Secretary
Chief Engineer-State Engineer

Commissioner Einar Dahl moved the approval and adoption of the foregoing resolution. Commissioner Tucker seconded the motion. On vote all commissioners voted aye and the motion was carried.

Mr. Beede stated that he had made a serious omission in his report. He did not mention the most helpful man who was at all the meetings, Mr. Oscar Berg.

Governor Davis suggested that the study committee meet in his conference room right after the presentation of the certificates for organizational purposes.

Secretary Holsveen stated that he was much impressed with the enthusiasm shown at the various meetings. The committee felt that a memento should be given to each member of the study committee. Each certificate is to be signed by the Governor and the pen used for signing the certificate and the certificate will be given to each member of the study committee. Pictures are also to be taken by Mr. LaLonda of the Bismarck Tribune. Certificates and pens were presented to the following members of the study committee: Richard P. Gallagher, Rollin D. Young, Emil Strand, Charles W. Fries, Jack Murphy, A. R. Miller, R. V. Trousdale, Clarence P. Loewen, William Van Oosting, James Maher, Ray Schnell.

NEBRASKA'S NORTH LOUP
RECLAMATION PROJECT

A letter dated October 6, 1960 from Commissioner Dominy, Bureau of Reclamation, Washington, D. C. was read by the Secretary. The letter is attached, and marked Appendix C. Secretary Holsveen's reply to this letter was also read and is attached and marked Appendix D. It was moved by Commissioner Tucker and seconded by Commissioner Math Dahl that the State Water Conservation Commission give limited endorsement to the North Loup Division project on the basis that it in no way prejudice or have priority over the Garrison Diversion Unit. All commission members voted aye. Motion carried.

RESOLUTION - STATE HIGHWAY
DEPARTMENT AID IN
AGRICULTURAL DRAINAGE

Secretary Holsveen stated that the State Water Commission had cooperated with the Highway Department in the hiring of a drainage engineer. It was found that a tremendous amount of information as to profile maps, etc., especially so on farm to market roads, were not included on the maps of the Water Commission. It was felt that the State Highway Department, as well as the Water Commission, could better evaluate the drainage system and problems in the state if maps were prepared with the most recent information incorporated on the maps. The State Highway Department could cooperate by assigning a man to the Water Commission for the purpose of obtaining and completing the data and incorporating it on a map. It has also been noted that since the Commission had cooperated with the Highway Department in the payment of a drainage engineer that approximately three-fourths of his time is devoted to assisting the Highway Department in its drainage design system. It was felt that this was an inequity in view of the fact that the Highway Department is a much larger organization than the Water Commission and can better afford to make available additional help on these problems. The Water Commission has solved practically all of the Highway Department drainage problems submitted to it. Secretary Holsveen

stated that a resolution had been prepared requesting the cooperation of the Highway Department in setting up records for use in the study of water management. The resolution is attached and marked Appendix E. It was moved by Commissioner Math Dahl and seconded by Commissioner Corwin that the State Highway Department and the State Water Conservation Commission cooperate in road construction plans in order to place the records in a form suitable for use in the study of water management. All commission members voted aye. Motion carried.

WALSH COUNTY DRAIN #27

Mr. C. P. Nelson, Drainage Engineer, and Commissioner Lunseth met with the Walsh County Drain Board at Grafton, as a result of controversy that existed over the procedure Walsh County had used in requesting cooperative funds from the Commission. The grade slopes and ditch alignment were not sufficient to comply with the criteria of the State Water Commission. A resolution and request was received in the office of the Water Commission from members of the drainage board, which is attached and marked Appendix F. The members of the Walsh County Drain Board are anxious to comply with the regulations of the Water Commission. The total contract price of the drain is \$13,530. The Drain Board is asking for participation on a 40% basis by the Commission. It was moved by Commissioner Tucker and seconded by Commissioner Math Dahl that the Commission approve participation in Walsh County Drain #27 on a 40% basis, not to exceed \$4,988 if the specifications of the Commission are fully complied with. On voice vote all commissioners voted aye. Motion carried.

RICHLAND COUNTY DRAIN #65

The Richland County Drain Board is requesting participation on the part of the State Water Commission in the construction of new Drain #65. The total cost of this drain would be \$50,000, with the State Water Commission's share being \$20,000. It was moved by Commissioner Corwin and seconded by Commissioner Math Dahl that the State Water Commission participate in a new Richland County Drain #65 not to exceed \$20,000. On Roll Call vote all Commissioners voted aye. Motion carried.

RICHLAND COUNTY DRAIN #57

Drain #57 was originally constructed in 1947 at a time when the area had been flooded for several years in succession. Because of the financial condition of the landowners parts of the drain were designed with a 4' bottom width and 2:1 slopes. The Board now feels that if this drain is constructed with the proper slopes, according to plans which they forwarded to the Commission, it will enable the drain to function properly, and the Commission should participate in the costs of rehabilitating this drain which would comply with our new criteria. After discussion among the members of the Water Commission it was decided to table the matter as it does not appear as though adequate funds would be available for the many requests that would result from this procedure.

PICKUP TRUCK

The matter of the 1958 1 ton Dodge truck was called to the attention of the Commission, although the truck has but 37,000 miles recorded it is in the need of major repairs. The truck will require a new motor and 4 new tires, a total cost of \$562. The retail price of a new one tone pickup would be \$3000.

The book price on our truck would be \$1500, with an estimated trade-in allowance of \$1900, which would provide us with a new truck at a cost of \$1100. It was moved by Commissioner Math Dahl and seconded by Commissioner Tucker that Secretary Holsveen secure appropriate bids in compliance with the law for the purchase of a one ton pickup truck, which bids will then be presented to the Commission for approval. All commissioners voted aye. Motion carried.

BIDS - STEEL BUILDING

Secretary Holsveen reviewed the necessity for the Commission to build its own storage building which had been discussed in detail during the September 16, 1960 meeting. Bids have been received relative to the construction of such a building. The location of the land was discussed. The land would have to be transferred by the State Legislature. There was discussion as to the advisability of building on the land owned by the penitentiary since the Legislature would be required to give its permission for such land transfer. Also, in view of the fact that the 1958-1960 budget did not include such an item, it was thought advisable by the commission members that nothing further be done with the construction of the steel building until the land had been transferred to the State Water Commission and an appropriation secured for the purpose of building the structure.

NORTH DAKOTA WATER USERS ASSOCIATION CONVENTION

The annual convention of the North Dakota Water Users will be held in Minot on November 10. An invitation was extended to the members of the State Water Commission to attend this meeting. The commission members decided to hold a meeting at Minot on November 9, 1960.

TONGUE RIVER WATERSHED

Senator Burdick wrote to Secretary Holsveen concerning a letter he had received from Francis Trudel with regard to the Tongue River Watershed project, which is a project built by the Soil Conservation Service. It was suggested by the commission members that Secretary Holsveen advise Senator Burdick to contact the Soil Conservation Service concerning this matter.

WATER RIGHTS

#874 The City of Niche requests the right to divert 530.6 acre-feet of water from the Pembina River for municipal usage. It was moved by Commissioner Math Dahl and seconded by Commissioner Tucker that the City of Niche be granted the right to divert 530.6 acre-feet of water from the Pembina River. All commissioners voted aye and the motion was carried.

#873

Fred Wipperling of New Rockford requests the right to divert 152 acre-feet of water from underground sources supplied by a dugout to irrigate 76 acres. It was moved by Commissioner Einar Dahl and seconded by Commissioner Corwin that Fred Wipperling be granted 95 acre-feet to irrigate 76 acres. All commissioners voted aye. Motion carried.

#876

Eddie Susag, Rhame, North Dakota requests the right to divert 35 acre-feet of water from dry run draining into Horse Creek, a tributary to the Little Missouri for water

storage purposes. It was moved by Commissioner Tucker and seconded by Commissioner Einar Dahl that Eddie Susag be granted the right to divert 30 acre feet from dry run draining into Horse Creek. All commissioners voted aye. Motion carried.

#877

Henry and Armon Wolf of Golden Valley request the right to divert 70 acre feet of water from unnamed creek, tributary to Spring Creek for storage purposes. It was moved by Commissioner Einar Dahl and seconded by Commissioner Tucker that Herman and Armon Wolff be granted the right to divert 60 acre feet of water per year for storage purposes from unnamed creek. All commissioners voted aye. Motion carried.

The meeting adjourned at 12:15 p.m.

Respectfully submitted,

Milo W. Hoisveen

Secretar

ATTEST:

John E. Davis
Governor

Appendix A

RESOLUTION

WHEREAS The United States Government has constructed an air base for the United States Air Force at Minot, North Dakota, which air force base is known as the Minot Air Force Base, and

WHEREAS such base is directly connected to the water system of the City of Minot and receives its source of water supply from the municipal system under a contract therefore entered into between the City of Minot and the United States Government for such purpose, and

WHEREAS the United States Air Force now desires to increase its purchase of water from the City of Minot from 1,250,000 gallons per day to 2,500,000 gallons per day, and

WHEREAS the City of Minot is now proposing to expand its water treatment facilities and is in need of further water supply, and

WHEREAS the City of Minot presently takes some of its water from the Souris River and that the U. S. Fish and Wildlife Department of the United States Government has appropriated waters of such Souris River and impounded the same in a dam situated northwest of the City of Minot some twenty miles and the flow of such river is insufficient to provide any reasonable and fair share of the requirements and needs of the City of Minot for water, and

WHEREAS, the City of Minot, by virtue of insufficient water supply to meet its demands has been forced to ration water during certain times of the summer of 1959 and the summer of 1960, and

WHEREAS It appears to the City Council of the City of Minot that there is an urgent need for additional water supply for the City of Minot, and

WHEREAS It appears that the present schedule for water delivery from the Velva Canal when constructed under the supervision of the Bureau of Reclamation is the year 1971 and that such schedule is precarious for the City of Minot and the United States Air Force Base because of constant increasing consumption demands due to population growth of the City of Minot and the growth of such Air Force Base, and that both the City of Minot and the Minot Air Force Base could be jeopardized if remedial action is not taken in scheduling such water delivery from the Velva Canal, and

WHEREAS it clearly appears that the only ultimate source of water supply which is feasible for the City of Minot to secure is from the Velva Canal which would mean a pipeline of only some seven miles from the City of Minot to secure such water from such Canal, and

WHEREAS it appears that if the Bureau of Reclamation speeds up the delivery date under the Velva Canal the added expenditure of funds would be only temporary and is in the complete interest of national safety and security by virtue of defense needs,

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF MINOT:

1. That the schedule date for the construction of the Velva Canal by the Bureau of Reclamation as a part of the general reclamation program in connection with the Garrison Dam be accelerated and advanced from fiscal year 1971 to fiscal year 1967.

2. That such acceleration and advancement of schedule date is necessary for the secural of adequate water supplies for the needs of the City of Minot and for the Minot Air Force Base which secures its water from the City of Minot.

3. That copies of this Resolution should be sent to the Secretary of Interior, the Assistant Secretary of the Interior, the Commissioner of Reclamation, the Assistant Commissioner of Reclamation, the Director of Region VI, Bureau of Reclamation, the Governor of the State of North Dakota, the State Engineer and the Commanding General of the United States Air Force.

Passed and adopted this 3rd day of October 1960.

/s/ W. M. Harrington
Mayor

ATTEST:

/s/ R. E. Barcus
City Auditor

Appendix B

RESOLUTION

WHEREAS, a report as to investigations by the U. S. Corps of Army Engineers, issued January 28, 1957, relative to the security status of Lake Darling Dam located in Renville County on the Mouse River northwest of Minot, has created alarm and fear on the part of the citizens and property owners living downstream, particularly in the City of Minot, which will be affected from a major flood; and

WHEREAS, it is an obligation of the Federal Agencies (U.S. Corps of Army Engineers and U. S. Fish and Wildlife Service) concerned to prevent a disaster of this nature which could be catastrophic; and

WHEREAS, Renville County, because of the location of Lake Darling Dam, has suffered considerable loss of revenue because of some 22,000 acres of land that was removed from the tax rolls for reservoir storage purposes on account of this structure; and

WHEREAS, any increase in the present Lake Darling Dam design for added flood protection will require more real estate and practically split said county into two separate divisions; and

WHEREAS, the Commissioner Board of Renville County is sympathetic with the property owners within the flood plain area as to their fear and jeopardy; therefore urges that the U. S. Corps of Army Engineers and the U. S. Fish and Wildlife Service accelerate their engineering studies so that the affected people may, at the earliest date, be assured of full and complete protection and safety;

NOW BE IT RESOLVED, that the Commissioner Board of Renville County urges that full and complete consideration be given to the erection of a new Dam at the confluence of the Mouse and Des Lacs Rivers for the purpose of added conservation of waters and to assure adequate and full safety to all life and property within the flood plain area without added sacrifice of real estate within Renville County whose tax structure is totally inadequate to sustain further losses.

NOW BE IT FURTHER RESOLVED, that copies of said resolution be transmitted to Major General E. C. Itschner, Chief of Engineers, U. S. Corps of Army Engineers, Washington, D. C.; Colonel William B. Strandberg, U. S. Corps of Army Engineers, St. Paul 1, Minnesota; Honorable Fred A. Seaton, Secretary, Department of Interior, Washington, D. C.; L. F. Umberger, Regional Director, U. S. Fish and Wildlife Service, Minneapolis, Minnesota; Members of the North Dakota Congressional Delegation; North Dakota State Water Conservation Commission, Bismarck, North Dakota; and City Council of Minot, North Dakota.

Dated at Mohall, North Dakota this 5th day of October, 1960.

/s/ Walter Vendsel
Walter Vendsel, Chrm. Bd. of Co. Commissioner

/s/ Erling Mugaas
Erling Mugaas, Member of Board

/s/ Chas. Gehringer,
Chas. Gehringer, Member of Board

I, Esther Hochsprung, County Auditor, Renville County, North Dakota, do hereby certify that this is a true extract taken from the minutes of the Renville County Board of County Commissioners for October 5th, 1960.

/s/ Esther Hochsprung
Esther Hochsprung, Renville County Auditor.

APPENDIX C

UNITED STATES
DEPARTMENT OF THE INTERIOR
Bureau of Reclamation
Washington 25, D. C.
Oct 6, 1960

Mr. Milo W. Hoisveen
State Engineer, State Water
Conservation Board
1301 State Capitol
Bismarck, North Dakota

Certified Mail
Return Receipt Requested

Dear Mr. Hoisveen:

In behalf of the Secretary of the Interior, we transmit herewith two copies of the proposed report of the Department of the Interior on the North Loup Division, Nebraska, Missouri River Basin Project, which is being proposed for reauthorization. These copies of the report are sent to you for the views and recommendations of the State of North Dakota as provided in section 1 (c) of the Flood Control Act of December 22, 1944 (58 Stat. 887).

We shall be pleased to have any comments you may wish to make within 90 days of your receipt of this letter.

Mr. John N. Spencer, Regional Director, Bureau of Reclamation, Denver, Colorado, will be glad to render any assistance which you may require in connection with your consideration of the report.

Sincerely yours,

(Sgd) Floyd E. Dominy
Commissioner

Enclosures. 2

Appendix D

October 24, 1960

Mr. Floyd E. Dominy, Commissioner
Bureau of Reclamation
Department of Interior Building
Washington 25, D. C.

Dear Mr. Dominy:

This will acknowledge receipt of your letter of October 6 with copies of the proposed report of the Department of Interior on the North Loup Division.

The report has been reviewed by staff members of the State Water Conservation Commission and has been considered by the members of the State Water Commission at its meeting held in Bismarck today. It is the consensus of opinion that the Bureau of Reclamation is to be complimented on the thorough and comprehensive manner in which this report has been prepared.

The State Water Conservation Commission greatly favors irrigation in the Missouri River Basin and desires to see it stimulated. It is, however, our understanding that approximately 90% of the projects constructed by the Bureau of Reclamation in the Missouri Basin have been in the lower basin. There does seem to be inequities in this situation as the dams which generate the power which aid in paying for reclamation projects are all located in the upper basin. It should also be recognized that the upper basin states have contributed much of their valuable lands to the reservoir sites. The State of North Dakota was allocated a rather meager amount of the power potential of the basin. The State Water Conservation Commission recognizes the fact that there is considerable competition for the Federal dollar in reclamation projects and consequently they express their approval of the North Loup Division project on the basis that it should in no way prejudice or have a priority over North Dakota's much desired Garrison Diversion Unit.

With kind personal regards.

Sincerely yours,

(sgd) Milo W. Hoisveen
Milo W. Hoisveen
Chief Engineer-Secretary

MWH:lh

Appendix E

R E S O L U T I O N
RELATING TO ROADWAY CONSTRUCTION AND WATER MANAGEMENT
Adopted by North Dakota State Water Conservation Commission

WHEREAS, in many areas throughout the State of North Dakota topography is not defined in sufficient detail by contour maps or other available data to specifically indicate all individual waterways; and

WHEREAS, road construction has resulted in the compilation of much basic design data relevant to water management, including the elevation, width and gradient of road ditches, and the size, location and elevation of drainage structures, including ditch blocks; and

WHEREAS, road design, especially within the past fifteen years, has by use of improved standards of construction, increased road drainage capacity through the use of wider ditch sections, more uniform ditch gradients, and larger drainage structures; and

WHEREAS, problems common to road drainage and adequate water management throughout adjacent farm lands have increased and can be reasonably expected to increase still further,

IT IS THEREFORE RESOLVED that the specific dimensions, locations, elevations and gradients of road ditches and road drainage structures are essential data for the proper correlation of road drainage and water management.

IT IS FURTHER RESOLVED that since the existing form of records including this essential data is not such that the records may be used to advantage and since their value will be greatly enhanced and their use will be greatly extended if the records will be placed in the most useable form, it is therefore urged that the North Dakota Highway Department engage in the reproduction of the pertinent items of road construction plans of both past and projected improvements as a joint venture with the State Water Conservation Commission, in order to place the records in a form suitable for use in the study of water management, by Federal, State and local agencies.

APPENDIX F

RESOLUTION AND REQUEST

To: The State Water Commission
Bismarck, North Dakota

WHEREAS; Pulaski Drain No. 27 in Walsh County, North Dakota is situated in a legally designated Drainage District;

AND WHEREAS; Application has heretofore been made to the North Dakota State Water Commission for participation by such Commission in the cost of the construction of such drain;

AND WHEREAS; It appears that inadvertently such drain as partially constructed does not presently comply with the standards approved by such Commission and, as a consequence thereof, participation by such Commission has not been approved;

NOW THEREFORE; the Board of Drainage Commissioners of Walsh County, North Dakota does hereby request of, represent to and inform the said Commission as follows:

That the Board of Drainage Commissioners will forthwith cause the plans and specifications of such Drain to be changed and amended so as to provide at least 3 to 1 side slopes for such drain for the entire length thereof.

That such Board will forthwith cause additional work to be done upon such Drain so the same, as finally constructed will be in accord with such re-design and will fully comply with the standards of such Commission.

That such Board represents and warrants to the Commission that if required by the Commission, after inspection of such Drain in the

year 1961 or thereafter, there shall be installed in the outlet of the Drain such drop structure as the Commission shall specify and approve.

That the said Board shall furnish the Commission with such records and shall do such acts and things as shall be required hereafter in connection with said Drain.

That request is hereby made to said Commission that favorable consideration of such request for participation be now given..

Dated October 5, 1960.

(Sgd) Roch Campbell

Roch Campbell, Chairman

(Sgd) Carl Rinde

Carl Rinde, Member

Attest:

(Sgd) Elmer Ofstedahl

Elmer Ofstedahl, Clerk

(Sgd) S. L. Amundrud,

S. L. Amundrud, Member

DRAINAGE BOARD OF WALSH COUNTY,
NORTH DAKOTA

The foregoing Resolution and Request is herewith approved by the Board of County Commissioners of Walsh County, North Dakota

(Sgd) August Nygard

August Nygard, Chairman

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
 MONTHLY REPORT OF APPROPRIATIONS AS OF OCTOBER 31, 1960
 1959 - 1961 APPROPRIATIONS

| FUND | AVAILABLE FUNDS | | DISBURSEMENTS | | FUND BALANCES | | |
|--------------------------------|--------------------------|-------------------|-------------------|------------------|-------------------|-------------------|-------------------|
| | APPROPRIATION | RECEIPTS | TO DATE | OCT '60 | UNEXPENDED | ENCUMB. | UNENCUMB. |
| 1. COMM PER DIEM & EXPENSES | 6,000.00 | .00 | 3,492.78 | 64.96 | 2,507.22 | 1,070.13 | 1,437.09 |
| 2. ADMINISTRATION | 49,200.00 | 400.83 | 30,114.33 | 1,657.65 | 19,486.50 | 477.47 | 19,009.03 |
| 3. MAINTENANCE OF DAMS | 115,000.00 | 6,228.38 | 192,432.30 | 5,601.93 | 18,796.38 | 9,370.94 | 9,425.44 |
| 4. INT'L & INTERSTATE EXP. | 10,000.00 | .00 | 4,259.00 | 235.35 | 5,741.00 | 365.40 | 5,375.60 |
| 5. TOPOGRAPHIC SURVEYS, USGS | 30,000.00 | .00 | 18,926.02 | .00 | 11,073.98 | 11,073.98 | .00 |
| 6. HYDROGRAPHIC SURVEYS, USGS | 27,500.00 | 900.00 | 16,899.42 | .00 | 11,500.58 | 11,500.58 | .00 |
| 7. ENGR & GEOL SURVEYS, USGS | 57,500.00 | .00 | 31,514.43 | 2,195.75 | 25,985.57 | 23,798.06 | 2,187.51 |
| 8. COOP WITH U. S. DEPT, ETC. | 57,000.00 | .00 | 32,918.04 | 2,197.07 | 24,081.96 | 6,272.46 | 17,809.50 |
| 9. ENGINEERING INVESTIGATIONS | 138,000.00 | .00 | 89,958.10 | 5,992.80 | 48,041.90 | 2,308.98 | 45,732.92 |
| 10. ADM OF WATER LAWS | 6,000.00 | .00 | 1,329.65 | 43.40 | 4,670.35 | 10.50 | 4,659.85 |
| 11. OASIS CONTRIBUTIONS | 6,500.00 | 2,957.33 | 5,845.45 | 1,327.17 | 3,612.38 | 375.00 | 3,237.38 |
| 20. MULTIPLE PURPOSE "CAR FWD" | 178,751.33 200,000.00 | 14,033.37 | 149,863.23 | 7,539.68 | 24,292.62 | 239,350.99 | 3,571.63 |
| 21. CONST BOND GUAR "CAR FWD" | 77,056.64 | 3,364.20 | .00 | .00 | 80,420.84 | .00 | 80,420.84 |
| | <u>950,508.62</u> | <u>117,885.41</u> | <u>577,552.75</u> | <u>26,855.76</u> | <u>482,341.28</u> | <u>305,974.49</u> | <u>192,866.79</u> |

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
 MONTHLY REPORT OF APPROPRIATIONS AS OF OCT 31 1960
 1957-1959 APPROPRIATIONS

| FUND | AVAILABLE FUNDS | | DISBURSEMENTS TO DATE | FUND BALANCES | | | |
|-------------------------------|-------------------|-------------------|--------------------------|---------------|---------------|------------|---------------|
| | APPROPRIATION | RECEIPTS | | UNEXPENDED | ENCUMB. | UNENCUMB. | |
| 1. COMM PER DIEM & EXP | 6,000.00 | .00 | 6,000.00 # | .00 | .00 | .00 | |
| 2. ADMINISTRATION | 47,000.00 | 2,797.33 & | 49,579.27 | .00 | 218.06 | .00 | 218.06 |
| 3. MAINTENANCE OF DAMS | 105,000.00 | 101,910.58 | 206,910.58 | .00 | .00 | .00 | .00 |
| 4. INT'L & INTERSTATE EXP | 8,000.00 | 14.85 | 7,997.33 | .00 | 17.52 | .00 | 17.52 |
| 5. TOPOGRAPHIC SURVEYS, USGS | 30,000.00 | .00 | 30,000.00 | .00 | .00 | .00 | .00 |
| 6. HYDROGRAPHIC SURVEYS, USGS | 27,500.00 | .00 | 27,500.00 | .00 | .00 | .00 | .00 |
| 7. ENGR & GEOL SURVEYS, USGS | 37,500.00 | 5,306.81 | 42,806.81 | .00 | .00 | .00 | .00 |
| 8. COOP WITH U. S. DEPT, ETC | 50,000.00 | 10.00 | 50,004.93 | .00 | 5.07 | .00 | 5.07 |
| 9. SMALL PROJECTS, ETC | 118,000.00 | 2,374.98 | 120,374.98 @ | .00 | .00 | .00 | .00 |
| 10. ADM OF WATER LAWS | 6,000.00 | .00 | 6,000.00 | .00 | .00 | .00 | .00 |
| 11. OASIS CONTRIBUTIONS | 3,800.00 | 4,541.24 % | 8,341.24 | .00 | .00 | .00 | .00 |
| | <u>438,300.00</u> | <u>114,955.79</u> | <u>555,515.14</u> | <u>.00</u> | <u>240.65</u> | <u>.00</u> | <u>240.65</u> |

INCL TRANSFER TO FUND #2 -\$523.62
 @ INCL TRANSFER TO FUND #2 -\$97.57
 & INCL TRANSFER FROM FUND #1-\$523.62 & FUND #9-\$97.57
 % TRANSFER FROM EMERGENCY COMM -\$4,541.24

3-31-60

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
PAYROLL - OCTOBER 31, 1960

PERMANENT EMPLOYEES

| NAME | POSITION | PAY GRADE | REMARKS | SALARY OCT' 60 | WITH. TAX | SOC. SEC. | HOSP. INS. | BONDS ETC. | NET PAY |
|--------------------|-------------|-----------|-------------|----------------|-----------|-----------|------------|------------|----------|
| HOISVEEN, MILO W. | STATE ENGR | O-8 | INC JUL' 60 | 927.67 | 139.20 | | 17.20 | 18.75 | 752.52 |
| ANDERSON, LARRY | RODMAN | B-7 | INC JUL' 60 | 196.67 | 25.60 | 5.90 | | | 165.17 |
| BAESLER, GORDON | DRAFTSMAN | F-6 | INC JUL' 60 | 364.17 | 45.50 | 10.93 | | | 307.74 |
| COOPER, VERNON S. | ASST SECY | 1/2 M-6 | INC JUL' 60 | 383.84 | 71.00 | 11.52 | 17.20 | | 284.12 |
| EMTER, JEANNE | TYPIST | B-5 | STA AUG' 60 | 186.67 | 23.50 | 5.60 | | | 157.57 |
| FREDRICKSON, FRED | COORDINATOR | G-4 | INC JUL' 60 | 399.57 | 41.30 | 11.99 | | | 346.38 |
| GEHRING, EDNA | FILE CLERK | C-7 | INC JUL' 60 | 226.17 | 40.70 | 6.79 | 7.05 | | 171.63 |
| GRINDBERG, ALAN | ENGINEER | I-6 | INC JUL' 60 | 536.67 | 105.40 | 4.97 | 7.05 | | 419.25 |
| HILAND, LEONE | CH STENO | F-6 | INC JUL' 60 | 364.17 | 45.50 | 10.93 | 7.05 | | 300.69 |
| KAMONI, AHMED | DRILLER | F-2 | PER AUG' 60 | 326.17 | 23.30 | 9.79 | 17.20 | | 270.38 |
| KNUTSON, LEWIS | DRILLER | F-5 | PER OCT' 60 | 573.00 | 89.00 | 17.19 | | | 466.81 |
| MOSER, IRVIN | RODMAN | B-9 | INC JUL' 60 | 206.67 | 27.10 | 6.20 | | | 173.37 |
| NELSON, C. P. | ENGINEER | K-2 | INC JUL' 60 | 583.67 | 76.20 | | | | 507.47 |
| PUTZ, ROY | OFF ASST | A-10 | INC JUL' 60 | 189.50 | 14.20 | 5.69 | 7.05 | | 162.56 |
| REITER, DANIEL | FOREMAN | H-1 | INC APR' 60 | 416.67 | 33.30 | 12.50 | 17.20 | 18.75 | 334.42 |
| SACKMAN, EUGENE | INST MAN | G-1 | INC MAY' 60 | 366.67 | 15.60 | 11.00 | 17.20 | | 322.87 |
| SANDWICK, HAZEN | ENGINEER | K-7 | INC JUL' 60 | 666.67 | 68.80 | | 17.20 | 37.50 | 545.17 |
| SCHOCK, LOREN | RODMAN | B-7 | RES SEP' 60 | 28.10 | 3.65 | .34 | | | 23.61 |
| SCHULZ, JIM | ACCT | G-2 | INC JUL' 60 | 377.67 | 58.40 | 11.33 | | 20.00 | 287.94 |
| SCHWINKENDORF, DON | INST MAN | E-6 | INC AUG' 60 | 306.67 | 45.40 | 9.20 | | | 252.07 |
| SILBERNAGEL, JACOB | RODMAN | B-9 | STA SEP' 60 | 269.10 | 38.20 | 8.07 | | | 222.33 |
| TIMM, ROBERT J. | ASST ST ENG | K-9 | INC JUL' 60 | 702.67 | 76.00 | | 17.20 | | 609.47 |
| VOLLAN, DAVID | RODMAN | A-9 | STA OCT' 60 | 185.00 | 23.50 | 5.55 | | | 155.95 |
| WALTERSON, HOWARD | FOREMAN | H-1 | INC APR' 60 | 416.67 | 53.80 | 12.50 | 17.20 | | 333.17 |
| WALTERSON, JEAN | DRAFTSMAN | D-5 | INC JUL' 60 | 252.00 | 25.40 | 7.56 | | | 219.04 |
| ZIEGLER, VICTOR | ENGINEER | J-7 | INC JUL' 60 | 609.57 | 91.60 | | 17.20 | 25.00 | 475.87 |
| | | | | 10,064.27 | 1,306.65 | 186.05 | 183.00 | 120.00 | 8,268.57 |

NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
PAYROLL - OCTOBER 31, 1960

TEMPORARY EMPLOYEES

| NAME | POSITION | PAY GRADE | REMARKS | SALARY OCT' 60 | WITH. TAX | SOC. SEC. | HOSP. INS. | P. P. TAXES | NET PAY |
|--------------------|--------------|-----------|-------------|-----------------|---------------|---------------|------------|--------------|-----------------|
| BARTLETT, JOSEPH | LABORER | 1.50 | STA SEP' 60 | 264.00 | | 7.93 | | 39.41 | 216.66 |
| BURKHARDSMEIER, A. | OPERATOR | 2.05 | INC SEP' 60 | 421.28 | 69.70 | 12.63 | | | 338.95 |
| BURNS, JOHN | ASST DRILLER | 1.75 | RES OCT' 60 | 93.63 | 7.50 | 2.81 | | | 83.32 |
| COOK, JOHN | LABORER | 1.50 | RES OCT' 60 | 90.75 | 9.85 | 2.72 | | 13.61 | 64.57 |
| ERTMAN, HERBERT | LABORER | 1.50 | RES OCT' 60 | 225.00 | 33.40 | 6.76 | | | 184.84 |
| EXNER, ALVIN | LABORER | 1.50 | RES OCT' 60 | 231.00 | 32.30 | 6.93 | | | 191.77 |
| HASTINGS, GARY | LABORER | 1.50 | RES OCT' 60 | 235.50 | 33.50 | 7.06 | | | 194.94 |
| HIGHLEY, ERNEST | ASST DRILLER | 1.85 | STA APR' 60 | 341.33 | 52.10 | 10.24 | | | 278.99 |
| JOHNSON, EARL | LABORER | 1.50 | RES OCT' 60 | 97.05 | 3.60 | 2.91 | | | 90.54 |
| JOHNSON, GEORGE | OPERATOR | 1.95 | INC SEP' 60 | 429.01 | 69.00 | 12.37 | | | 347.14 |
| LAUINGER, ANTON | OPERATOR | 2.00 | INC AUG' 60 | 380.00 | 61.30 | 11.40 | | | 306.80 |
| LEE, JEROME | OPERATOR | 1.80 | RES OCT' 60 | 394.06 | 55.00 | 11.83 | | | 327.23 |
| MCMASTER, GEORGE | DRILLER | 2.65 | RES SEP' 60 | 202.73 | 31.20 | 6.08 | | | 165.45 |
| NEWGARD, DENNIS | OPERATOR | 1.85 | INC JUL' 60 | 308.96 | 43.30 | 9.27 | | | 251.09 |
| PETERSON, JOHN | OPERATOR | 1.90 | INC JUL' 60 | 380.95 | 61.20 | 11.43 | | | 308.32 |
| TAYLOR, FRANK | LABORER | 1.50 | RES SEP' 60 | 15.00 | .50 | .45 | | | 14.05 |
| VOELLER, PIUS | OPERATOR | 1.85 | INC SEP' 60 | 401.46 | 1.30 | 12.05 | | | 387.61 |
| | | | | <u>4,511.71</u> | <u>571.05</u> | <u>135.37</u> | <u>.00</u> | <u>53.02</u> | <u>3,752.27</u> |