

STATE WATER CONSERVATION COMMISSION
Minutes of Meeting
Held in Office of State Water Commission in
Bismarck, North Dakota
March 24, 1955

A regular meeting of the North Dakota State Water Conservation Commission was called to order on March 24, 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
- Earle F. Tucker, Member from Bismarck
- Math Dahl, Member from Bismarck, Commissioner of Agriculture and Labor
- Milo W. Hoisveen, Secretary and Chief Engineer, State Engineer

OTHERS PRESENT AT THE MEETING:

- Bruce Johnson, Projects Manager, U. S. Bureau of Reclamation, Bismarck
- Vernon S. Cooper, Assistant Secretary, State Water Conservation Commission

The meeting was called to order at 9:15 o'clock a.m. by Governor Norman Brunsdale with Commissioners Curtis Olson, Earle F. Tucker, Math Dahl and Secretary Milo W. Hoisveen present.

It was moved by Commissioner Earle F. Tucker, and seconded by Commissioner Math Dahl, that the minutes of the meeting held on January 31, 1955, be approved. All Commissioners voted aye and the motion carried.

It was moved by Commissioner Earle F. Tucker, and seconded by Commissioner Math Dahl, that the Financial Statements for January and February, 1955, be approved and filed in the office of the State Water Conservation Commission. All Commissioners voted aye and the motion carried.

Secretary Milo W. Hoisveen reported that the city of Drake has requested that a ground water survey be made in their vicinity to determine a source for their municipal water supply. According to Dr. Wilson M. Laird, State Geologist, it would not be possible to undertake a survey at Drake until approximately August 15 in view of the fact that work has been scheduled in the Hettinger and Tappen areas first. The U. S. Geological Survey has requested that the city of Drake and the State Water Conservation Commission each contribute \$750.00 which approximates one-fourth of the estimated cost of the survey.

It was reported to the Commissioners by Secretary Milo W. Hoisveen that the feasibility of the proposed Upper Des Lacs Lake project has been investigated and a report has been prepared. The proposed project, which is the result of a request from interested persons in the Bowbells and Kenmare vicinities, would entail raising Highway #52 in order to raise the level of the lake 5 feet so that it will adequately sustain fishlife. Secretary Hoisveen stated that it appears that the most feasible plan would be to have the State Highway Department install culverts as high as possible and then block off the culverts to see if water can be retained behind the structure. If it is possible to retain the water, outlet works could be constructed at a later date, the approximate cost of which is \$19,000. A considerable quantity of rock and water-bearing sand had been con-

tacted when borings were made in the area of the proposed dam. The State Highway Department has consented to raise the highway approximately two feet.

It was moved by Commissioner Earle F. Tucker, and seconded by Vice-Chairman Curtis Olson, that the State Water Conservation Commission recommend that the State Highway Department raise Highway #52 two feet or more. Upon roll call by Governor Brunsdale, all Commissioners voted aye and the motion carried.

Vice-Chairman Curtis Olson stated that during a recent visit to the St. Paul office of the Corps of Engineers he discussed the present status of the Swan Creek Flood Control Project with Col. Otto J. Rohde, District Engineer. Colonel Rohde reported that the Corps has been requested to resume plans for the development of the project; however, in view of the fact that funds for construction of the project were revoked, any resumption of work will be dependent upon congressional approval and reallocation of funds. In Colonel Rohde's opinion, it would be very beneficial if the State Water Conservation Commission would forward a request for funds for this project to our congressmen.

Colonel Rohde also informed Vice-Chairman Olson that the Corps of Engineers has approved a dredging project at Enderlin which will clear the Maple River of the beaver dams and other obstructions that have caused the water to become stagnant. The approximate cost of this project is \$10,000. Colonel Rohde requested that the State Water Conservation Commission send a letter requesting this project to the North Dakota congressional delegation.

Bruce Johnson, Projects Manager for the U. S. Bureau of Reclamation, entered the meeting at 9:45 o'clock a.m.

Secretary Milo W. Hoisveen reported that on March 14 Vice-Chairman Curtis Olson, Commissioner Oscar Lunseth, Commissioner Earle F. Tucker and himself met with representatives of the Fargo City Commission in Fargo relative to water-rights on the Red and Sheyenne Rivers and tributaries. Forty-seven water-rights were recommended for passage and three water-rights were refused, one being above the city of Fargo and two being on the Turtle River at Grand Forks. The water-rights on the Turtle River were refused in view of petitions signed by local objectors who stated that they would be deprived of stock water if irrigation was permitted.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting and limiting the application of R. C. Lewis, Jr., Fargo, North Dakota, for a permit to divert and appropriate water from the Sheyenne River, for the irrigation of 332.0 acres of land described as NW $\frac{1}{4}$; SW $\frac{1}{4}$; W $\frac{1}{2}$ SE $\frac{1}{4}$ of Section 21, Township 141 N., Range 49 W., located in Cass County, North Dakota, be approved and limited to an annual diversion of 413.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Sheyenne River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting and reducing the application of Leo L. Anderson, Fargo, North Dakota, for a permit to divert and appropriate water from the Red River, for the irrigation of 182.0 acres of land described as NW $\frac{1}{4}$; SW $\frac{1}{4}$ NE $\frac{1}{4}$; N $\frac{1}{2}$ SW $\frac{1}{4}$; NW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 1, Township 141 N., Range 49 W., located in Cass County, North Dakota, be approved and limited to an annual diversion of 235.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Red River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting and limiting the application of William Fowler, West Fargo, North Dakota, for a permit to divert and appropriate water from the Sheyenne River for the irrigation of 72.0 acres of land described as SE $\frac{1}{4}$ NW $\frac{1}{4}$; NE $\frac{1}{4}$ of Section 18, Township 140 N., Range 49 W., located in Cass County, North Dakota, be approved and limited to an annual diversion of 90.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Sheyenne River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting and limiting the application of A. L. Nordhogen, Fargo, North Dakota, for a permit to divert and appropriate water from the Red River, for the irrigation of 10.0 acres of land described as SW $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 19, Township 139 N., Range 48 W., located in Cass County, North Dakota, be approved and limited to an annual diversion of 12.5 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Red River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting the application of Donald C. Holand, Lisbon, North Dakota, for a permit to divert and appropriate water from the Sheyenne River, for the irrigation of 1.0 acres of land described as SW $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 1, Township 134 N., Range 56 W., located in Ransom County, North Dakota, be approved and limited to an annual diversion of 1.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Sheyenne River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting and reducing the application of Eugene Johnson and George Gilbert, Lisbon, North Dakota, for a permit to divert and appropriate water from the Sheyenne River, for the irrigation of 132.3 acres of land described as E $\frac{1}{2}$ SE $\frac{1}{4}$ of Section 23, W $\frac{1}{2}$ SW $\frac{1}{4}$ of Section 24, Township 134 N., Range 56 W., located in Ransom County, North Dakota, be approved and limited to an annual diversion of 165.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Sheyenne River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting and reducing the application of Alvin Schreiber, Fairmount, North Dakota, for a permit to divert and appropriate water from the Bois des Sioux River, for the irrigation of 290.2 acres of land described as NE $\frac{1}{4}$ of Section 33, NW $\frac{1}{4}$; SW $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 34, Township 131 N., Range 47 W., located in Richland County, North Dakota, be approved and limited to an annual diversion of 363.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Bois des Sioux River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting and reducing the application of Floyd Monteith, Leonard, North Dakota, for a permit to divert and appropriate water from the Sheyenne River, for the irrigation of 35.0 acres of land described as S $\frac{1}{2}$ NW $\frac{1}{4}$; N $\frac{1}{2}$ SW $\frac{1}{4}$ of Section 8, Township 135 N., Range 52 W., located in Richland County, North Dakota, be approved and limited to an annual

diversion of 44.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Sheyenne River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting and reducing the application of M. M. Lunde, Cooperstown, North Dakota, for a permit to divert and appropriate water from the Sheyenne River, for the irrigation of 98.8 acres of land described as $W\frac{1}{2}SW\frac{1}{4}$ of Section 3, $E\frac{1}{2}SE\frac{1}{4}$ of Section 4, $NW\frac{1}{4}SW\frac{1}{4}$, $S\frac{1}{2}SW\frac{1}{4}$ of Section 10, Township 145 N., Range 58 W., located in Griggs County, North Dakota, be approved and limited to an annual diversion of 124.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Sheyenne River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting the application of the Northwest Nursery, Valley City, North Dakota, for a permit to divert and appropriate water from the Sheyenne River, for the irrigation of 103.0 acres of land described as $S\frac{1}{2}NW\frac{1}{4}$; $SW\frac{1}{4}$ of Section 15, $E\frac{1}{2}NW\frac{1}{4}$ of Section 22, Township 140 N., Range 58 W., located in Barnes County, North Dakota, be approved and limited to an annual diversion of 206.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Sheyenne River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting and reducing the application of Clayton Pederson, Valley City, North Dakota, for a permit to divert and appropriate water from the Sheyenne River, for the irrigation of 79.0 acres of land described as $N\frac{1}{2}NW\frac{1}{4}$, $SW\frac{1}{4}NW\frac{1}{4}$ of Section 3; Township 139 N., Range 58 W., located in Barnes County, North Dakota, be approved and limited to an annual diversion of 99.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Sheyenne River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting the application of Ole A. Flaot, Grand Forks, North Dakota, for a permit to divert and appropriate water from the Red River, for the irrigation of 441.0 acres of land described as $S\frac{1}{2}SW\frac{1}{4}$; $S\frac{1}{2}SE\frac{1}{4}$ of Section 15, $SW\frac{1}{4}SW\frac{1}{4}$ of Section 14, $NW\frac{1}{4}$; $N\frac{1}{2}NE\frac{1}{4}$, $SW\frac{1}{4}NE\frac{1}{4}$ of Section 22, $NW\frac{1}{4}NW\frac{1}{4}$ of Section 23, Township 151 N., Range 50 W., located in Grand Forks County, North Dakota, be approved and limited to an annual diversion of 440.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Red River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting the application of Arthur Greenburg, Grand Forks, North Dakota, for a permit to divert and appropriate water from the Red River, for the irrigation of 491.0 acres of land described as $E\frac{1}{2}SW\frac{1}{4}$; $SE\frac{1}{4}$ of Section 22, $W\frac{1}{2}SW\frac{1}{4}$ of Section 23, $SE\frac{1}{4}$ of Section 35, $NW\frac{1}{4}SW\frac{1}{4}$, $S\frac{1}{2}SW\frac{1}{4}$ of Section 36, Township 151 N., Range 50 W., $NW\frac{1}{4}$; $NW\frac{1}{4}NE\frac{1}{4}$ of Section 2, Township 150 N., Range 50 W., located in Grand Forks County, North Dakota, be approved and limited to an annual diversion of 490.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Red River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner

Earle F. Tucker, that the action of the State Engineer in granting and reducing the application of Eldor Bohrer, Valley City, North Dakota, for a permit to divert and appropriate water from the Sheyenne River, for the irrigation of 77.5 acres of land described as S $\frac{1}{2}$ NW $\frac{1}{4}$; NW $\frac{1}{4}$ SW $\frac{1}{4}$, S $\frac{1}{2}$ SW $\frac{1}{4}$ of Section 28, E $\frac{1}{2}$ SE $\frac{1}{4}$ of Section 29, NE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 32, Township 140 N., Range 58 W., located in Barnes County, North Dakota, be approved and limited to an annual diversion of 97.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Sheyenne River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting and reducing the application of H. R. Morgan, Kindred, North Dakota, for a permit to divert and appropriate water from the Sheyenne River, for the irrigation of 89.8 acres of land described as SW $\frac{1}{4}$; W $\frac{1}{2}$ SE $\frac{1}{4}$ of Section 20, Township 136 N., Range 51 W., located in Richland County, North Dakota, be approved and limited to an annual diversion of 112.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Sheyenne River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting and reducing the application of William J. Miller, Valley City, North Dakota, for a permit to divert and appropriate water from the Sheyenne River, for the irrigation of 73.0 acres of land described as NE $\frac{1}{4}$ SE $\frac{1}{4}$, S $\frac{1}{2}$ SE $\frac{1}{4}$ of Section 33, Township 140 N., Range 58 W., located in Barnes County, North Dakota, be approved and limited to an annual diversion of 91.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Sheyenne River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting the application of Orvil P. Gilleshammer, Grafton, North Dakota, for a permit to divert and appropriate water from the Red River, for the irrigation of 178.0 acres of land described as E $\frac{1}{2}$ NE $\frac{1}{4}$; E $\frac{1}{2}$ SW $\frac{1}{4}$; W $\frac{1}{2}$ SE $\frac{1}{4}$ of Section 13, Township 157 N., Range 51 W., NW $\frac{1}{4}$ NE $\frac{1}{4}$, S $\frac{1}{2}$ NE $\frac{1}{4}$; NW $\frac{1}{4}$; NE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 18, SW $\frac{1}{4}$ NW $\frac{1}{4}$; NW $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 17, Township 157 N., Range 50 W., located in Walsh County, North Dakota, be approved and limited to an annual diversion of 178.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Red River. Upon a unanimous vote of the Commissioners, the motion carried. This water-right should be limited to the actual land owned by Mr. Gilleshammer.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting and reducing the application of Henry Loberg, West Fargo, North Dakota, for a permit to divert and appropriate water from the Sheyenne River, for the irrigation of 40.0 acres of land described as SW $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 20, Township 139 N., Range 49 W., located in Cass County, North Dakota, be approved and limited to an annual diversion of 50.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Sheyenne River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting and reducing the application of Rex Brace, Lisbon, North Dakota, for a permit to divert and appropriate water from the Sheyenne River, for the irrigation of 347.5 acres of land described as SW $\frac{1}{4}$; SE $\frac{1}{4}$ of Section 12, NE $\frac{1}{4}$ NW $\frac{1}{4}$; N $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$; NE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 13, Township 135 N., Range 57 W., NW $\frac{1}{4}$ NW $\frac{1}{4}$, S $\frac{1}{2}$ NW $\frac{1}{4}$; N $\frac{1}{2}$ SW $\frac{1}{4}$ of Section 18, SW $\frac{1}{4}$ SW $\frac{1}{4}$

#1.

of Section 7, Township 135 N., Range 56 W., located in Ransom County, North Dakota, be approved and limited to an annual diversion of 434.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Sheyenne River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting the application of Alvin E. Foss, Cummings, North Dakota, for a permit to divert and appropriate water from the Red River, for the irrigation of 326.0 acres of land described as $NE\frac{1}{4}$; $NW\frac{1}{4}$ of Section 2, $NW\frac{1}{4}NE\frac{1}{4}$; $NW\frac{1}{4}$ of Section 11, Township 146 N., Range 49 W., located in Traill County, North Dakota, be approved and limited to an annual diversion of 250.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Red River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting the application of S. W. Thompson, Bismarck, North Dakota, for a permit to divert and appropriate water from the Sheyenne River, for the irrigation of 120.0 acres of land described as Lot 2 = 35A; Lot 3 = 18A; Lot 4 = 20A of Section 30, Township 150 N., Range 63 W., Lot 1 = 20A; Lot 2 = 6A; Lot 3 = 15A; Lot 4 = 6A of Section 25, Township 150 N., Range 64 W., located in Eddy 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 Sheyenne River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in refusing the application of Frank Lenzmeier, Wahpeton, North Dakota, for a permit to divert and appropriate water from the Red River, for the irrigation of 171.5 acres described as $SE\frac{1}{4}NW\frac{1}{4}$; $SW\frac{1}{4}NE\frac{1}{4}$; $SW\frac{1}{4}$; $NW\frac{1}{4}SE\frac{1}{4}$ of Section 33, Township 133 N., Range 47 W., located in Richland County, North Dakota, be approved. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting and reducing the application of John E. and Norman Saugstad, Fingal, North Dakota, for a permit to divert and appropriate water from the Sheyenne River, for the irrigation of 80.0 acres of land described as $E\frac{1}{2}SW\frac{1}{4}$; $W\frac{1}{2}SE\frac{1}{4}$ of Section 27, Township 138 N., Range 58 W., located in Barnes County, North Dakota, be approved and limited to an annual diversion of 100.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Sheyenne River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Commissioner Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting and reducing the application of the Valley City Country Club, Valley City, North Dakota, for a permit to divert and appropriate water from the Sheyenne River, for the irrigation of 80.0 acres of land described as $W\frac{1}{2}NE\frac{1}{4}$; $E\frac{1}{2}NW\frac{1}{4}$ of Section 22, Township 140 N., Range 58 W., located in Barnes County, North Dakota, be approved and limited to an annual diversion of 100.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Sheyenne River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting and reducing the

application of Arland Frost, Harvey, North Dakota, for a permit to divert and appropriate water from the Sheyenne River, for the irrigation of 21.8 acres of land, described as $S\frac{1}{2}NW\frac{1}{4}$ of Section 24, Township 150 N., Range 72 W., located in Wells County, North Dakota, be approved and limited to an annual diversion of 27.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Sheyenne River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in refusing the application of Ivan Bangle, Gilby, North Dakota, for a permit to divert and appropriate water from the Turtle River, for the irrigation of 103.2 acres of land, described as $SW\frac{1}{4}$ of Section 2, Township 152 N., Range 53 W., located in Grand Forks County, North Dakota, be approved. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting and reducing the application of Paul Charnetzki, Valley City, North Dakota, for a permit to divert and appropriate water from the Sheyenne River, for the irrigation of 58.5 acres of land, described as $NW\frac{1}{4}SW\frac{1}{4}$, $S\frac{1}{2}SW\frac{1}{4}$ of Section 34, Township 140 N., Range 58 W., located in Barnes County, North Dakota, be approved and limited to an annual diversion of 50.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Sheyenne River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting and reducing the application of James Sandvik, Pettibone, North Dakota, for a permit to divert and appropriate water from a lake with no name, for the irrigation of 92.7 acres of land, described as $SW\frac{1}{4}NE\frac{1}{4}$; $S\frac{1}{2}NW\frac{1}{4}$; $SW\frac{1}{4}$ of Section 29, Township 142 N., Range 70 W., located in Kidder County, North Dakota, be approved and limited to an annual diversion of 162.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the lake with no name. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting and reducing the application of E. M. Lee, Valley City, North Dakota, for a permit to divert and appropriate water from the Sheyenne River, for the irrigation of 69.5 acres of land, described as $NE\frac{1}{4}$; $NE\frac{1}{4}SE\frac{1}{4}$ of Section 36, Township 141 N., Range 59 W., located in Barnes County, North Dakota, be approved and limited to an annual diversion of 87.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Sheyenne River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting and reducing the application of T. H. Cousins, Carrington, North Dakota, for a permit to divert and appropriate water from the James River, for the irrigation of 137.6 acres of land, described as $W\frac{1}{2}SE\frac{1}{4}$ of Section 28, $NW\frac{1}{4}$ of Section 33, Township 145 N., Range 64 W., located in Foster County, North Dakota, be approved and limited to an annual diversion of 172.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the James River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner

Earle F. Tucker, that the action of the State Engineer in granting and limiting the application of Osborne Galde, Aneta, North Dakota, for a permit to divert and appropriate water from the Sheyenne River, for the irrigation of 96.3 acres of land, described as $S\frac{1}{2}NE\frac{1}{4}$; $SE\frac{1}{4}SE\frac{1}{4}$ of Section 31, $SW\frac{1}{4}SW\frac{1}{4}$ of Section 32, Township 149 N., Range 58 W., located in Nelson 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 Sheyenne River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting and limiting the application of Levon Olson, Grand Forks, North Dakota, for a permit to divert and appropriate water from the Red River of the North, for the irrigation of 90.2 acres of land, described as $NE\frac{1}{4}SE\frac{1}{4}$ of Section 20, $S\frac{1}{2}NW\frac{1}{4}$; $N\frac{1}{2}SW\frac{1}{4}$ of Section 21, Township 152 N., Range 50 W., located in Grand Forks County, North Dakota, be approved and limited to an annual diversion of 90.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Red River of the North. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting and limiting the application of A. F. Nagel, Lisbon, North Dakota, for a permit to divert and appropriate water from the Sheyenne River, for the irrigation of 83.0 acres of land, described as $NW\frac{1}{4}$ of Section 24, Township 134 N., Range 56 W., located in Ransom 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 Sheyenne River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in refusing the application of Wallance Redwing, Grand Forks, North Dakota, for a permit to divert and appropriate water from the Turtle River, for the irrigation of 66.9 acres of land, described as $NE\frac{1}{4}$ of Section 15, Township 152 N., Range 53 W., located in Grand Forks County, North Dakota, be approved. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting and reducing the application of F. R. Eddy, Chicago, Illinois, for a permit to divert and appropriate water from the Pipestem Creek, for the irrigation of 40.0 acres of land, described as $SW\frac{1}{4}$ of Section 1, $NE\frac{1}{4}NW\frac{1}{4}$; $NW\frac{1}{4}NE\frac{1}{4}$ of Section 2, Township 140 N., Range 65 W., located in Stutsman 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 Pipestem Creek. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting and reducing the application of Peter Schabinger and J. Weingardt, Marmarth, North Dakota, for a permit to divert and appropriate water from the Little Missouri River, for the irrigation of 160.0 acres of land, described as $S\frac{1}{2}NE\frac{1}{4}$; $SE\frac{1}{4}$ of Section 3, $NE\frac{1}{4}$; $SE\frac{1}{4}NW\frac{1}{4}$; $NW\frac{1}{4}SE\frac{1}{4}$ of Section 10, Township 131 N., Range 106 W., located in Bowman County, North Dakota, be approved and limited to an annual diversion of 240.0 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.

44.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting the application of Louis Michel, Marmarth, North Dakota, for a permit to divert and appropriate water from Duck Creek, for the irrigation of 75.9 acres of land, described as NW $\frac{1}{4}$ of Section 11, Township 131 N., Range 106 W., located in Bowman County, North Dakota, be approved and limited to an annual diversion of 76.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering Duck Creek. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting and reducing the application of Maurice Flatness, Marmarth, North Dakota, for a permit to divert and appropriate water from the Little Missouri River, for the irrigation of 150.0 acres of land, described as S $\frac{1}{2}$ NE $\frac{1}{4}$; E $\frac{1}{2}$ NW $\frac{1}{4}$; E $\frac{1}{2}$ SW $\frac{1}{4}$; SE $\frac{1}{4}$ of Section 7, Township 133 N., Range 105 W., located in Slope County, North Dakota, be approved and limited to an annual diversion of 225.0 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 Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting the application of Alwin Carus, Oakdale, North Dakota, for a permit to divert and appropriate water from an intermittent stream, tributary of the Little Missouri River, for the irrigation of 210.3 acres of land, described as SW $\frac{1}{4}$ NE $\frac{1}{4}$; NW $\frac{1}{4}$; SW $\frac{1}{4}$; NW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 14, Township 147 N., Range 97 W., located in Dunn County, North Dakota, be approved and limited to an annual diversion of 420.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the intermittent stream, tributary of the Little Missouri River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting and reducing the application of Adolph Hauck, Wilton, North Dakota, for a permit to divert and appropriate water from Goose Creek, for the irrigation of 20.0 acres of land, described as S $\frac{1}{2}$ SW $\frac{1}{4}$ of Section 16, Township 143 N., Range 81 W., located in McLean County, North Dakota, be approved and limited to an annual diversion of 35.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering Goose Creek. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting and reducing the application of Arne Nelson, Grenora, North Dakota, for a permit to divert and appropriate water from an unnamed creek, for the irrigation of 31.0 acres of land, described as N $\frac{1}{2}$ NW $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 22, Township 160 N., Range 102 W., located in Divide County, North Dakota, be approved and limited to an annual diversion of 62.0 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 Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting the application of Lewis Larson, Grenora, North Dakota, for a permit to divert and appropriate water from two unnamed creeks, for the irrigation of 47.8 acres of land, described as S $\frac{1}{2}$ NW $\frac{1}{4}$; W $\frac{1}{2}$ SW $\frac{1}{4}$ of Section 4, Township 159 N., Range 102 W., located in Williams County, North Dakota, be approved and limited to an annual diversion of 95.0 acre feet of water, subject to all prior and existing water-rights and

appropriations covering the two unnamed creeks. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting and reducing the application of Victor Schmidt, Flasher, North Dakota, for a permit to divert and appropriate water from Dog Tooth Creek, for the irrigation of 20.0 acres of land, described as $S\frac{1}{2}NW\frac{1}{4}$; $N\frac{1}{2}SW\frac{1}{4}$ of Section 4, Township 133 N., Range 82 W., located in Morton County, North Dakota, be approved and limited to an annual diversion of 35.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering Dog Tooth Creek. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting the application of T. Clem Casey, Bismarck, North Dakota, for a permit to divert and appropriate water from an old ox bow in Apple Creek, for the irrigation of 40.0 acres of land, described as $NE\frac{1}{4}NE\frac{1}{4}$ of Section 27, Township 139 N., Range 78 W., located in Burleigh 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 Apple Creek. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting and reducing the application of William Wolf, Center, North Dakota, for a permit to divert and appropriate water from Square Butte Creek, for the irrigation of 40.0 acres of land, described as $SW\frac{1}{4}$; $SE\frac{1}{4}$ of Section 6, Township 142 N., Range 84 W., located in Oliver 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 Square Butte Creek. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting the application of Stephen J. Dunn, Center, North Dakota, for a permit to divert and appropriate water from the Missouri River, for the irrigation of 51.6 acres of land, described as $W\frac{1}{2}SW\frac{1}{4}$ of Section 30, $W\frac{1}{2}NW\frac{1}{4}$ of Section 31, Township 144 N., Range 83 W., located in Oliver County, North Dakota, be approved and limited to an annual diversion of 103.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Missouri River. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting the application of Irvin Torgerson, Pettibone, North Dakota, for a permit to divert and appropriate water from a lake with no name, for the irrigation of 170.8 acres of land, described as $W\frac{1}{2}NE\frac{1}{4}$; $N\frac{1}{2}SE\frac{1}{4}$, $SE\frac{1}{4}SE\frac{1}{4}$ of Section 10, $N\frac{1}{2}NE\frac{1}{4}$ of Section 15, Township 142 N., Range 70 W., located in Kidder County, North Dakota, be approved and limited to an annual diversion of 298.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering a lake with no name. Upon a unanimous vote of the Commissioners, the motion carried.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting and reducing the application of Herbert Oberlander, Stanton, North Dakota, for a permit to divert and appropriate water from the Knife River, for the irrigation of 68.0 acres of land, described as $S\frac{1}{2}NE\frac{1}{4}$; $NE\frac{1}{4}SE\frac{1}{4}$ of Section 33, Township 145 N., Range

46.

84 W., located in Mercer County, North Dakota, be approved and limited to an annual diversion of 136.0 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 Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting and reducing the application of the Stephens Brothers, Hazen, North Dakota, for a permit to divert and appropriate water from the Knife River, for the irrigation of 95.0 acres of land, described as $N\frac{1}{2}NE\frac{1}{4}$, $SW\frac{1}{4}NE\frac{1}{4}$; $N\frac{1}{2}NW\frac{1}{4}$ of Section 6, Township 144 N., Range 85 W., $S\frac{1}{2}SE\frac{1}{4}$ of Section 33, $SW\frac{1}{4}SW\frac{1}{4}$; $S\frac{1}{2}SE\frac{1}{4}$ of Section 34, Township 145 N., Range 85 W., located in Mercer County, North Dakota, be approved and limited to an annual diversion of 190.0 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 Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the action of the State Engineer in granting and reducing the application of the Valley City State Teachers College, Valley City, North Dakota, for a permit to divert and appropriate water from the Sheyenne River, for the irrigation of 44.0 acres of land, described as $N\frac{1}{2}NE\frac{1}{4}$; $S\frac{1}{2}NW\frac{1}{4}$ of Section 28, Township 140 N., Range 58 W., located in Barnes County, North Dakota, be approved and limited to an annual diversion of 66.0 acre feet of water, subject to all prior and existing water-rights and appropriations covering the Sheyenne River. Upon a unanimous vote of the Commissioners, the motion carried.

Vernon S. Cooper, Assistant Secretary, State Water Conservation Commission, entered the meeting at 9:50 o'clock a.m.

Bruce Johnson, Projects Manager for the Bureau of Reclamation, Bismarck, informed the Commissioners that proposed plans for the activation of the Garrison Diversion Conservancy District have been cleared with the regional office. Mr. Johnson stated that he had been directed by regional officials to request the State Water Conservation Commission to organize the Conservancy District as soon after July 1, 1955, as possible. A schedule has been prepared including seven separate items that should be accomplished before the first repayment contract can be made. Included in this schedule are:

1. Appointment of the Board of Directors at the July meetings of the Boards of County Commissioners.
2. Organizational meeting of the Board of Directors to be held in July.
3. Tour of irrigation projects by the Board of Directors during the latter part of July.
4. Follow-up meeting of the Board of Directors in August or September.
5. Educational activities by the Board of Directors in their counties during the winter months.
6. Begin contract negotiations in January, 1956.
7. Complete negotiations in May, 1956.

Assistant Secretary Vernon S. Cooper stated that meetings have been arranged with the County Commissioners of the 22 counties during April and May.

Four teams, consisting of members of the State Water Conservation Commission, the Bureau of Reclamation, North Dakota Reclamation Association, Missouri-Souris Projects Association and the Missouri-Souris Conservancy and Reclamation Committee have been designated to appear at the meetings of the Boards of County Commissioners.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Math Dahl, that the State Water Conservation Commission approve the outlined procedure for activation of the Garrison Diversion Conservancy District. Upon a unanimous vote of the Commissioners, the motion carried.

Bruce Johnson, Projects Manager for the Bureau of Reclamation, reported that a meeting was held recently in Dickinson relative to enlargement of the city water supply. The Bureau had proposed the following possible solutions to the problem: 1) Put a 400-acre limitation on irrigation; 2) Buy out all vested rights for irrigation water in 31 years; 3) Raise the elevation of the reservoir in 31 years or as soon as necessary. The people were informed that the cheapest way to increase their water supply would be to limit irrigation to 400 acres and absorb the additional 500 acres reserved for irrigation for their municipal water. According to Mr. Johnson, if irrigation is not limited, the city will have a water shortage within 3 years as the population of Dickinson now exceeds the Bureau's estimate for 1988; however, by limiting irrigation to 400 acres sufficient water should be available to meet the city's needs for 30 to 40 years.

Mr. Johnson left the meeting at 10:15 o'clock a.m.

Vice-Chairman Curtis Olson reported that the Garrison Reservoir Committee is appealing to the State Water Conservation Commission for financial assistance for the payment of expenses for witnesses to appear before Congress to obtain appropriations for water development projects in our state. It was pointed out that the State Water Conservation Commission is not in a position to finance the appearance of any witnesses; however, free transportation will be provided for those appearing at the hearings through the use of the National Guard plane.

It was also suggested by the Garrison Reservoir Committee that the sum of \$500.00 be paid to Mr. E. W. Rising for his services in assisting Fred J. Fredrickson, Planning Coordinator for the State Water Conservation Commission, in Washington, D. C., in preparing statements and arranging for the state representatives to appear at the hearings.

It was moved by Commissioner Earle F. Tucker, and seconded by Vice-Chairman Curtis Olson, that the State Water Conservation Commission employ Mr. E. W. Rising as Assistant Planning Coordinator to assist Fred J. Fredrickson in preparing statements and making arrangements for the delegates who appear before Congress, and that the sum of \$200.00 be paid Mr. Rising for services rendered. Upon roll call by Governor Brunsdale, Commissioners Earle F. Tucker, Math Dahl, Curtis Olson and Governor Brunsdale all voted aye. Motion carried.

Secretary Milo W. Hoisveen reported that some of the equipment should be replaced. The following items are needed:

- | | |
|--|-----------------|
| 1. Loader - trade present unit for light Ford. | \$ 1,800 |
| 2. New suburban unit. | 2,300 |
| 3. Pickup - trade Chevrolet. | 1,500 |
| 4. Grout pump. | \$4,000 - 5,000 |
| 5. Miscellaneous. | 1,000 |
| | <u>\$11,600</u> |

The Commissioners authorized Secretary Hoisveen to obtain informal bids on the above items if that procedure meets with the approval of the Attorney General.

According to Secretary Milo W. Hoisveen, the following informal bids were received on interlock corrugated steel sheet piling: Armco Drainage and Metal Products, Inc. \$7,567.00; Northwestern Sheet and Iron Works, Wahpeton, North Dakota, \$8,303.00.

It was moved by Vice-Chairman Curtis Olson, and seconded by Commissioner Earle F. Tucker, that the State Water Conservation Commission accept the low bid of \$7,567.00 by Armco Drainage and Metal Products, Inc., for interlock corrugated steel sheet piling. Upon roll call by Governor Brunsdale, Commissioners Earle F. Tucker, Math Dahl, Curtis Olson and Governor Brunsdale all voted aye. Motion carried.

Assistant Secretary Vernon S. Cooper reported that the State Water Conservation Commission Sinking Funds being held by the Bank of North Dakota as trustee includes:

U. S. Government Securities	
Series G - 2½% Bonds	\$68,000.00
U. S. Treasury Bonds - 2½%	3,000.00
Series K - 2 3/4%	1,500.00
Sioux Irrigation Bonds - 2½%	21,000.00
Cash	2,301.94
	<u>\$93,801.94</u>

The State Water Conservation Commission Series J Bond Issue of \$63,000.00 is due in December, 1957. Interest payments of \$1,260.00 on this issue are payable in December of each year. In view of the fact that there will be sufficient income from interest on U. S. Government Securities being held in the Sinking Fund to meet interest payments when they become due, it was recommended that \$2,000.00 of the \$2,301.94 cash be invested in additional U. S. Government Series K - 2 3/4% Bonds, said securities to be deposited with the Bank of North Dakota as Sinking Fund Trustee for the State Water Conservation Commission Series J Bond Issue.

It was moved by Commissioner Earle F. Tucker, and seconded by Commissioner Math Dahl, that the State Water Conservation Commission invest \$2,000.00 of the Sinking Funds Cash in U. S. Government Series K - 2 3/4% Bonds. Upon roll call by Governor Brunsdale, Commissioners Earle F. Tucker, Math Dahl, Curtis Olson and Governor Brunsdale all voted aye. Motion carried.

It was reported to the Commissioners that the Commission has a Booklet Account in the amount of \$1,399.25 which was obtained from the sale of booklets to various schools throughout the state. This money had previously been used to publish the book "Climate and Weather in North Dakota." It was proposed that the money be used for colored publicity maps that could be distributed to schools, county offices, etc. It was the opinion of the Commissioners that these maps should be purchased with funds from the Commission's appropriation if sufficient funds are available and if not, from the Booklet Account.

Secretary Milo W. Hoisveen stated that the repair of Danzig Dam is being held up until federal funds are received; however, the State Game and Fish Department now owns the property on which the dam is located. An estimate of the cost of repairs to this dam has been prepared in the amount of \$17,000.00. The Commis-

49.

sion will pay either one-third or one-half of the cost of repairs, depending on whether the Federal Fish and Wildlife Service will participate.

Secretary Milo W. Hoisveen reported that Commissioner Earle F. Tucker, Assistant State Engineer S. S. Westgate and himself recently appeared before the Burleigh County Commission pertaining to the repair of Olson Dam near Regan. Repair of this dam would include a glory-hole type of spillway, the approximate cost of which is \$26,000.00. The Burleigh County Commission and the State Game and Fish Department have been asked to participate in the repair of this dam.

According to Secretary Milo W. Hoisveen, Sellie Dam on the James River is in need of repair. Secretary Hoisveen stated that the bank at one wing of the dam is eroding as a result of the whirlpool action of the water. A letter from Elmer Severson, Wells County Auditor, was read by Secretary Hoisveen, stating that the County Commissioners would be willing to donate the use of the county road equipment for the repair of this dam; however, some of the people of Hamburg Township in which the dam is located do not wish to participate financially in the repair of this dam. The Game and Fish Department will be contacted relative to participating in the proposed repairs.

Commissioner Earle F. Tucker reported that he and Secretary Milo W. Hoisveen met with officials of the Corps of Engineers and the Belfield City Commission on March 7 in Belfield relative to a flood protection project for that city. The Corps of Engineers will make a survey of the proposed project. It was the opinion of the group that a project for Snagging and Clearing which would come within the \$50,000.00 limitation would be very helpful in preventing future floods. It was also pointed out that the State Water Conservation Commission can now participate in flood protection projects in view of recent legislation which allocated \$200,000 to the Commission for such purposes.

Secretary Milo W. Hoisveen read a letter from Lewis A. Stanley, Oregon State Engineer, requesting the Commission to take action asking Congress to authorize sufficient funds for the U. S. Geological Survey to permit them to match the funds of various western states for investigation of water resources. Secretary Hoisveen was directed to ask the opinion of Fred J. Fredrickson, Planning Coordinator, on this matter before taking further action.

Vice-Chairman Curtis Olson stated that he and Secretary Milo W. Hoisveen attended a meeting of the Missouri Basin Inter-Agency Committee in Omaha, Nebraska, on March 16 relative to reviewing the report which is to be submitted to the Bureau of the Budget. The Committee is requesting comments from the governors pertaining to an outline on state and local participation in federal projects. Secretary Hoisveen will prepare the report for North Dakota.

It was reported to the Commissioners by Secretary Milo W. Hoisveen that a letter has been received from Col. Otto J. Rohde, District Engineer, St. Paul District, Corps of Engineers, stating that recent investigations have revealed that there are eight various obstructions in the channel of the Sheyenne River in the vicinity of Fargo. In view of the fact that the Commission gave assurances that it would maintain the channel below the reservoir, it was Colonel Rohde's opinion that the Commission should clear these obstructions. Action was deferred on this matter for the present time.

The State Game and Fish Department has requested the State Water Conservation Commission to make a survey in the area of Buffalo Lodge Lake in McHenry County relative to the estimated cost of constructing a control structure to maintain the level of the lake. The Game and Fish Department also desires to

know if any additional land will be flooded if the lake level is raised. The survey will be started within a short time.

Secretary Milo W. Hoisveen stated that a resolution has been received from the Sheyenne Valley Rod and Gun Club at Warwick, North Dakota, relative to the establishment of a development farm at Sheyenne, North Dakota. Secretary Hoisveen informed this organization that the Commission has already forwarded a resolution to Congress relative to this matter.

A petition from Henry Fluevog and other resident landowners requesting that a survey be made in the vicinity of Barton, North Dakota, relative to a drainage problem was presented to the Commissioners by Secretary Milo W. Hoisveen. A survey will be made in this area to determine the cause of the drainage problem.

Secretary Milo W. Hoisveen stated that a group of farmers to the east of the Lake Alice area have expressed a desire to form a water conservation and flood control district; however, they do not want to include the Lake Alice-Lake Irvine area in the proposed district. Secretary Hoisveen and S. S. Westgate, Assistant State Engineer, will attend a meeting in Starkweather on March 28 pursuant to the formation of this district.

The Commissioners were informed by Secretary Milo W. Hoisveen that the survey of Lake Metigoshe has been hampered by bad weather. It is hoped that work on this survey can be completed by the first of April. Secretary Hoisveen suggested that it would be desirable to hold a Commission meeting in that area at some future date with interested Canadian officials.

According to Secretary Milo W. Hoisveen, the Wildwood Lake survey has been completed, as has the design. The project appears to be quite feasible. Secretary Hoisveen stated that the proposed plans will be explained to interested people at a meeting in the near future.

Secretary Milo W. Hoisveen reported that the Corps of Engineers is investigating a flood protection project for the city of Linton. Secretary Hoisveen stated that this project could involve the construction of a dam on Beaver Creek. The city of Linton has expressed a desire for financial assistance from the State Water Conservation Commission.

It was brought to the attention of the Commissioners that a letter has been received from F. M. Clinton, Regional Director of the Bureau of Reclamation, containing some pertinent information relative to the 1850 Garrison pool level.

The meeting adjourned at 12:15 o'clock p.m.

Respectfully submitted,

Milo W Hoisveen
Secretary

ATTEST:

Norman Bunsdale
Governor

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

Fund No.	Appropriation Title	Available July, 1953	Expended to Feb. 28, 1955	Expended to March 1, 1955	Balance March 31, 1955
1.	Commissioners*Per Diem & Expense . . . \$	6,000.00	\$ 3,945.22	66.12	1,988.66
2.	Administrations	40,000.00	31,548.54	1,659.04	7,013.76
	Collections and Refunds	221.34			
3.	Maintenance of Dams	100,000.00	109,961.47	3,211.26	31,315.03
	Refunds and Deposits.	44,487.76			
4.	International & Interstate-Commission's Conference Expenses.	8,000.00	5,416.71	76.72	2,506.57
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	5,000.00	250.00	750.00
9.	Engineering & Geological Survey & Transfer from # 10 Demonstrations	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	32,430.04	3,402.84	5,167.12
11.	Small Projects & Other Investigations, Collections and Refunds.	100,000.00 2,536.62	74,256.89	2,872.57	25,407.16
		<u>\$447,245.72</u>	<u>\$334,907.18</u>	<u>\$21,859.16</u>	<u>\$90,479.08</u>

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

Fund Number	Appropriation Title	Available July, 1951	Expended to March, 1955	Balance March, 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
	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	64,035.57	25,964.43
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	\$555,232.03	\$92,480.93

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

Appropriation Title	Available July 1, 1954	Expenditures To Mar. 1955	Balance March 1, 1955
Construction and Reconstruction Drains or Irrigation	\$ 140,000.00 <u>140,000.00</u>	\$ 5,460.84 <u>5,460.84</u>	\$ 117,159.83 <u>117,159.83</u>

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

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

VSC:le

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

Source of Deposits	Transit Number	Amount Deposited	Expended To Mar. 31'55	Balance Mar 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	Nohall	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		
Nylo 250.00	Upham	750.00		
Nече 300.00	Minnevaukan	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	<u>1,399.25</u>
TOTAL OF ALL BANK OF NORTH DAKOTA DEPOSITS AS OF MARCH 31, 1955				\$16,103.72

PAYROLL OF
NORTH DAKOTA STATE WATER CONSERVATION COMMISSION
MARCH, 1955

(permanent Employees)

Name	Position	Pay Grade	Salary Mar.	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	5.52	9.65		520.90	Increases 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
Berge, Einar	Technical Assistant	A-1	150.00		2.25	9.65		138.10	Adjusted Aug. '54
Brown, Irwin	Rodman	A-1	150.00	7.00	2.25			140.75	Started Jan 9'55
Clark, Loraine	Bookkeeper P.P. tax 7.70	B-5	186.67	23.50	2.80	9.65		143.02	Increased Dec. '54
Cooper, Vernon S.	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
Hahn, Orville E.	Rodman	B-2	181.67	12.80	2.73			166.14	Inceased Mar. '55
Hughes, Lynda	File-clerk	B-4	90.84	11.40	1.36	4.15	18.75	55.18	Increased Dec'54
Johnson, Lloyd	Construction Engr.	F-3	335.67	29.80	5.04	9.65		291.18	Increased Dec'54
Kounts, Stanley J.	Construction 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			95.46	Working $\frac{1}{2}$ Days
Myers, Thomas	Draftsman	D-1	112.50	5.40	1.68			105.42	Working $\frac{1}{2}$ Days
Nordstrom, Franz	Equip. Foreman	F-3	335.67	19.80	5.04			310.83	Increased Dec'54
Pederson, Marlene	Chief Stanographer	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 Eng. P.P. tax 19.74	G-6	410.67	37.40	6.33	9.65		348.55	Increased Dec'54
Smith, Eugene	Rodman	A-1	166.67	19.90	2.50			144.27	Started Sept 6'54
Tyson, Roy	Const. Engr.	G-5	421.67	33.80	6.16	9.65		361.06	Increased Dec'54
Westgate, S. S.	Ass't State Engineer	J-5	578.67	22.60	8.68	9.65		537.74	Started Nov. 22'54