

MINUTES  
 NORTH DAKOTA STATE WATER COMMISSION  
 Held in Office of State Water Commission  
 Bismarck, North Dakota  
 April 21, 1967

MEMBERS PRESENT:

Governor William L. Guy, Chairman  
 Richard P. Gallagher, Member from Mandan  
 Harold Hanson, Member from New England  
 Henry Steinberger, Member from Donnybrook  
 Gordon Gray, Member from Valley City  
 Arne Dahl, Commissioner, Department of Agriculture, Bismarck  
 Milo W. Hoisveen, Chief Engineer, State Engineer, Secretary,  
 State Water Commission, Bismarck

Others Present:

Colonel Richard J. Hesse, Corps of Engineers, St. Paul  
 Robert Calton, Chief, Planning and Reports Branch, Corps of Engineers, St. Paul  
 Howard Emerson, West Fargo  
 Howard Qualley, Fargo  
 Daniel Twichell, West Fargo, Attorney  
 Ralph Bigelow, Village Clerk, Center  
 Ervin Schulte, County Auditor, Center  
 Al Grindberg, Assistant Chief Engineer, State Water  
 Commission, Bismarck  
 Fred J. Fredrickson, Planning Coordinator, Valley City

Temporary Chairman Gray opened the meeting  
 at 9:00 a.m. with Commissioners Hanson, Steinberger, Arne Dahl and Secretary  
 Hoisveen present. Colonel Hesse and Mr. Robert Calton were also present.

MINUTES OF MARCH 23, 1967  
 APPROVED

It was moved by Commissioner Steinberger,  
 seconded by Commissioner Dahl and carried  
 that the minutes of March 23, 1967 be

approved.

FINANCIAL STATEMENT FOR  
 MARCH, 1967 APPROVED

Secretary Hoisveen reviewed the March, 1967  
 financial statement and explained the  
 necessity for transferring funds for the

1965-1967 biennium to meet the expanding Water Commission program during that  
 biennium.

It was moved by Commissioner Hanson, seconded by Commissioner  
 Steinberger and carried that the March, 1967, Financial State-  
 ment be approved.

SHEEP CREEK DAM  
 #1358

Secretary Hoisveen stated that Sheep Creek  
 Dam, located southeast of Elgin, is a  
 cooperative endeavor with the local water  
 management district. Construction of the dam will create an 85 acre reservoir  
 with 1160 acre-feet capacity, which will give the area a recreational site. The  
 Grant County Water Management District, State Game and Fish Department, State  
 Outdoor Recreation Agency and the State Water Commission will participate in  
 the construction of this project. The total cost of construction of the dam is

\$106,000. Installing a complete recreation complex will cost \$30,000 and purchasing 200 acres of land \$12,000. The total cost of the project would be \$153,902. The State Water Commission's participation will be \$22,800. The Secretary recommended Commission participation in the Sheep Creek project.

It was moved by Commissioner Gallagher, seconded by Commissioner Hanson and carried that the Commission participate in the construction of Sheep Creek Dam to the extent of \$22,800. (See page 42)

**CENTER PARK DAM -  
REMOVAL REQUEST  
(#341)**

The Commissioners requested that Secretary Hoisveen give them the background for the Center Park Dam. The Secretary stated that the Oliver County Water Management District

Board is requesting the removal of the dam on Square Butte Creek near Center. The water management district states that this dam has been a major contributing factor in the flood problems at Center. This is a WPA dam which was constructed in 1935 and is badly deteriorated. Engineers from the State Water Commission have investigated the problem. There appears to be no opposition to removing the dam. (See page 42)

**FLOOD CONTROL PROBLEM  
ABOVE DICKINSON  
(#926)**

The Dickinson City Commission forwarded a resolution to the Commission requesting a continuation of the investigation of a flood control project above that city to

intercept drainage that enters the residential district and runs from northwest to southeast of the city of Dickinson. The State Water Commission and the city at one time requested the Highway Department to incorporate a dam and spillway project in connection with Interstate 94. The Highway Department desired to proceed with construction and could not delay the work at that late date. Negotiations were then dropped. The city of Dickinson would like to have a study made relative to impounding water and regulating flow through the town. One child lost its life in the drain this spring. A \$200 deposit will be requested from the City of Dickinson for the investigation.

It was moved by Commissioner Hanson, seconded by Commissioner Dahl and carried that the engineers of the State Water Commission investigate this project.

**OAHE IRRIGATION PROJECT -  
Letters of Appreciation  
(#827)**

Secretary Hoisveen stated that letters of appreciation concerning the Oahe Irrigation Resolution had been received from Senators Milton R. Young, Quentin N. Burdick, Karl

E. Mundt and George McGovern and U. S. Representatives E. Y. Berry and Ben Reifel and Governor Boe of South Dakota.

It was moved by Commissioner Dahl, seconded by Commissioner Hanson and carried that the Commission appreciates receiving the expressions of appreciation from the Senators and Representatives and Governor Boe concerning the Oah Irrigation Resolution.

**NORTH DAKOTA IRRIGATION  
DISTRICTS ASSOCIATION  
RESOLUTION OF APPRECIATION**

Secretary Hoisveen read the resolution received from the North Dakota Irrigation Districts Association in appreciation of the assistance the Association has received

from the State Water Commission.

It was moved by Commissioner Dahl, seconded by Commissioner Steinberger and carried that the Commission appreciates the resolution commending the State Water Commission for its assistance during the past year.

Messrs. Twichell, Qualley and Emerson enter the meeting.

GROUND-WATER STUDY -  
Willow City (#1463)

The State Water Commission has made an investigation for Willow City for a municipal water supply. The City has forwarded the commission \$1,500 for the investigation which is to be matched by the State Water Commission. The City is desirous of having the study started prior to July 1. It does not have a central water system at the present time. Our geologists have made a reconnaissance of the area involved.

It was moved by Commissioner Steinberger, seconded by Commissioner Dahl and carried that the Commission participate in the ground-water study for the city of Willow City.

AUDIT REPORT - July 1, 1965  
through June 30, 1966

The Audit Report of the State Water Commission for July 1, 1965 to June 30, 1966 was presented to the Commissioners.

Secretary Hoisveen read the letter accompanying the report.

It was moved by Commissioner Steinberger, seconded by Commissioner Hanson and carried that the Commission accept the audit report of the State Auditor covering the period July 1, 1965 to June 30, 1966.

GRAND FORKS COUNTY  
DRAIN #13 (#1112)

Secretary Hoisveen stated that the downstream four miles of Grand Forks County Drain #13 was rebuilt in 1962, and a hooded inlet drop structure installed. The drain was built with 3:1 slopes and the banks tend to slough due to prolonged wetness. It was suggested that the lower portion of the drain be resloped to agree with the design of the extension and lateral which will be flared into it. The excavation in the new extension is designed for 4:1 side slopes. Secretary Hoisveen recommended that the Commission participate to the extent of 40 per cent of the qualified items which total \$14,358.60; the Commission's share being \$5,743.44.

It was moved by Commissioner Hanson, seconded by Commissioner Dahl and carried that the Commission participate in the extension of Grand Forks County Drain #13 to the extent of 40 per cent of the qualified items, which would amount of \$5,743.44.

WILLOW CREEK TOWNSHIP WATER  
MANAGEMENT DISTRICT ESTABLISHED  
(#729)

Secretary Hoisveen stated that Cliff Jochim held a hearing in the Willow Creek Township Hall relative to the establishment of a water management district for that township. Secretary Hoisveen recommended that the Commission approve the establishment of the Willow Creek Township Water Management District. He indicated that the district is small but it is essential for right-of-way for major work to be performed in Bottineau and Rolette Counties.

It was moved by Commissioner Steinberger, seconded by Commissioner Dahl and carried that the Chairman and Secretary of the State Water Commission be authorized and directed to issue an order establishing the Willow Creek Township Water Management District.

**CASS COUNTY DRAIN #27  
(#1080)**

The Cass County Board of Drain Commissioners has requested aid in rebuilding Cass County Drain #27. The estimated cost of this drain is \$31,000. The Commission participated in this drain in 1944 and in 1952. Previous participation in this drain totals \$16,000. Our drainage engineer has determined that \$24,457 is eligible for consideration by the Commission. The anticipated cost participation by the State Water Commission would amount to \$9,783.40.

Mr. Twichell discussed the diversion over to the Red River and felt that any diversion would have to have the approval of the drain board and the State Water Commission.

It was moved by Commissioner Hanson, seconded by Commissioner Dahl and carried that the Commission participate in Drain #27 to the extent of \$9,783.40.

Messrs. Bigelow and Schulte of Center appeared on behalf of the removal of the WPA dam located in Center. (See page 40).

**CENTER PARK DAM -  
Removal of Dam  
(#341)**

Mr. Bigelow stated that the park board had met relative to the removal of the dam on Square Butte Creek and were in favor of its removal.

Mr. Schulte stated that the dam was of no value to the area and that it was doing more damage than good. The County Commissioners were also in favor of removing the dam. Mr. Bigelow asked about releases of the easements. Mr. Jochim stated that the water management district has jurisdiction over WPA dams. Action by resolution should be taken requesting the release of the easements and the resolution should be directed to the State Water Commission. Secretary Hoisveen reads the letter from the Oliver County Water Management District requesting the removal of the Center Park Dam.

Mr. Fredrickson stated that a certified resolution should be sent to the State Water Commission.

It was moved by Commissioner Hanson, seconded by Commissioner Dahl and carried that whatever procedure is necessary so the State Water Commission can go ahead with the removal of the dam be followed, with concurrence from the State Game and Fish Department.

Messrs. Bigelow and Schulte leave the meeting. Commissioner Gallagher presides at the meeting.

**SHEEP CREEK DAM  
(#1358)**

Commissioner Gallagher was advised of the action taken by the Commissioners relative to Sheep Creek Dam. The Commissioners felt that since this was in Mr. Gallagher's district, that he should make the motion for Commission participation in Sheep Creek Dam. Commissioner Gallagher agreed to make the motion. (See page 40.)

HUNTER DAM  
(#619)

A dam was constructed by the State Water Commission at Hunter for a municipal water supply. This winter the city found the frost had penetrated to such a depth that it pinched off water supply coming through the natural aquifer which provides water to the artificial aquifer from which well the city obtains its water. The city had burned the grass over the aquifer so there was no protection against freezing. When the grass has been left intact it affords frost protection. It was suggested that the city place a snow fence in the general area of the aquifer which would provide snow coverage sufficient to provide insulation against frost penetration. The city has requested the State Water Commission to modify the spillway structure providing concrete flashboards in place of the wood flashboards which are currently being used. This would also raise the water to such an elevation that it would afford frost protection. The cost of installing the flashboards would be \$1,500. Indications are that

It was moved by Commissioner Gray, seconded by Commissioner Dahl and carried that the State Water Commission install the flashboards for the city of Hunter on a 50-50 basis.

Governor Guy presides at the meeting.

KINDRED DAM  
(#1347)

Secretary Hoisveen stated that the Corps of Engineers had modified their plan for Kindred Dam and desired to explain the modifications to the Commission. Because of Senator Sinner's interest he had been invited to attend the Commission meeting as well as officials from Southwest Fargo, whose area is subject to flooding from the Sheyenne River. Senator Sinner apparently was unable to be present. A delegation from Southwest Fargo was present. Secretary Hoisveen called on Colonel Hesse, who introduced Robert Calton, Chief Planner for the Corps of Engineers.

Mr. Calton, with the use of a map, explains the Corps modifications of the Kindred Dam. He stated that there was 8,800 square miles of drainage from Devils Lake Basin to the vicinity of Southwest Fargo. This is a rather long extended basin which includes Lake Ashtabula which is operated for the dual purpose of water supply and flood control. The Bureau of Reclamation has the Garrison Diversion Unit under its authority and will bring additional water to the area from the Missouri River. The Corps of Engineers' staff members are studying means of resolving the flooding in the Southwest Fargo area. A public hearing was held on the Kindred Dam and since the hearing other problems have developed in the basin which have caused considerable concern to the Corps of Engineers. In analyzing the study, one third of the flood damage would occur at Valley City, with only the Baldhill Reservoir to take care of it. If there is another flood like the one in 1950, it is apparent that the Corps could not provide Valley City with the protection it should have. It has been suggested that the Corps transfer part of the storage to another place, such as Kindred reservoir, if it becomes a reality. Mr. Calton felt there was not enough usable storage in the upper reaches of the basin. Several years ago the U. S. Bureau of Reclamation suggested that Baldhill be raised. The cost of raising Baldhill in the 1940's would have been 10 million dollars. Now it would probably be 18 million.

The Corps is considering building two dams instead of one large one - one at Kindred and another at Cooperstown. With the

storage in the Cooperstown area, it could reduce the storage at Kindred. Having two dams instead of one would delay the project from one to two years. He felt that it would probably be delayed at least a year and a half, for certain. He felt that this would be a better water resources development for this area. The smaller dam at Kindred would provide a better recreation appearance and the fluctuations would not be as great.

Governor Guy asked whether any other agency was interested in making a study of the Sheyenne in depth, to which Mr. Calton replied "no." The Governor asked Mr. Calton if this project was either the Kindred Dam or the Cooperstown Dam and if the Corps constructed only the Kindred Dam now would they later on put in a dam at Cooperstown. Calton stated that if the Kindred Dam was built to its full size, it would be difficult to later on change. It would be better to plan and develop the two together. Mr. Calton further stated that if there was another flood as in the 1950's the Corps would hear from the people in the Valley City and Lisbon area as they would have considerable flooding. Because of the small drainage area on the Sheyenne between Fort Ransom and Baldhill it was not feasible to build a dam in the Fort Ransom area. Of the many possibilities the Corps has studied, including a channel change to bypass West Fargo, the Kindred and Cooperstown damsites seem to be the solution. Mr. Calton explained the Corps analysis of anticipated storage needs and when releases should be made.

The costs involved in the construction of the dams were briefly discussed, as well as the benefit to cost ratio.

Secretary Hoisveen stated that if the modified version was constructed, Valley City and Lisbon would be afforded flood protection which is not now adequate. The Cooperstown Dam would take care of the Valley City and Lisbon flood situation. The Kindred Dam would be sufficient to take care of Southwest Fargo.

Mr. Twichell stated they were aware of the fact that farmers in Cass County feel that the Baldhill is contributing to their flooding, which is not correct.

Mr. Calton stated that the competition for water-based recreation that would result in the Cooperstown dam would eventually come from Devils Lake when it is developed. The evaluated rate of return flows from irrigation are estimated at 90 cfs in the Sheyenne. It is not the highest quality water because it is used for irrigation. This flow can be mixed with the spring runoff and used again.

Governor Guy asked where the project was in regard to deadline dates on the Kindred dam. Mr. Calton then explained the procedure followed by the Corps prior to presenting the project to Congress for passage and appropriation. Governor Guy then asked if the State Water Commission or the legislature has any responsibility or should take any responsibility or should take any action, to which Calton replied that an indication from the Commission that as far as the Commission's understanding of the problem it is appropriate to extend the study to the basin above Baldhill or that the Commission has thought about this and feel that the merits of additional study and the product that comes out of it does not warrant the Commission's cooperation.

Governor Guy stated that as it stands now the Kindred project couldn't be completed for five years and if the Corps goes to the modified version it would require seven years. Mr. Calton stated that the Vietnam situation and other factors have a bearing on whether the project would be completed sooner. Some of the stages of study could be stepped up. It is hard to get money for a new start. Very few new construction starts are being authorized by Congress. At the completion of the study for the two dams a public hearing would be held. The objections to a project are ascertained from hearings to which the Corps has been invited. He did not feel that objections should be made before the study has been made. The Corps would like an expression from the State Water Commission that they are in favor of the two dams or that they do not favor the dams. Normally, the Corps does not want to proceed with a study if the Water Commission is not in favor of the study.

Commissioner Dahl leaves the meeting.

Mr. Calton stated that the Corps studies several alternatives for constructing projects before deciding upon the one which would be best.

Mr. Twichell stated that with the construction of the second dam there would be more objectors. He was concerned over the delay in constructing the Kindred Dam as they were talking of eight to ten years from now. The delay could be disastrous for Southwest Fargo. Once the waters get out of the river, Southwest Fargo is flooded. The only safe place is right on the bank adjacent to the river. The bank is higher than where the houses are located in the residential area. When the water is released from the Baldhill dam it comes at a very fast rate and is eating into the trees and banks. He did not know how the water management board representing this area could be in good conscience go along with any delay and then have a disaster occur during the interim. He stated they were not critical of the Corps but any delay could mean the difference between survival or nonsurvival.

Commissioner Gray asked what priority the Kindred Dam had. Mr. Calton stated that the Corps has 35 studies underway. He stated that it was better to say that the Kindred Dam was in the group of number one projects.

Governor Guy stated that the Corps should be complimented on the fact that they want to research the basin at greater depth and that the Corps has raised the possibility that a Cooperstown structure should be a part of the over-all basin flood control program.

Mr. Twichell stated that if the Corps is going to proceed with this additional study, was there anything in the study to give Southwest Fargo interim relief without a large expenditure. The Corps' help would be welcome.

Colonel Hesse stated that Mr. Calton suggested that the Corps of Engineers come up with an emergency plan for Southwest Fargo. If there is no plan and you don't know what you are going to do during a flood, you can't anticipate the catastrophic effects. Questions that should be answered are - where to go for trucks, sandbags, pumps, etc.

Mr. Twichell stated that they were in need of flood planning right now; that \$18,000 had been spent from the general funds for floods which they could ill-afford.

It was moved by Commissioner Gray, seconded by Commissioner Steinberger and carried that the Commission reaffirms its support of the proposed Kindred Dam on the Sheyenne River and requests the Corps of Engineers to make additional studies to alleviate the flooding problem that occurs in the Lisbon and Valley City communities above the proposed Kindred Dam and Reservoir.

It was moved by Commissioner Gray, seconded by Commissioner Steinberger and carried that the Corps of Engineers begin planning immediately with the communities on the Sheyenne River in providing for emergency measures in the event of any flooding in the Sheyenne River.

The Commissioners discussed whether the Kindred Dam project should be publicized and Colonel Hesse felt that it should be since a public hearing would later be held.

The meeting recessed to reconvene at 1:30 p.m. The meeting reconvened at 1:30 p.m. with Commissioners Dushinske and Dahl absent.

**KNIFE RIVER EROSION  
Indian Village (#576)**

Secretary Hoisveen stated that Paul Ewald had visited the office concerning the erosion which has occurred during the past winter in the vicinity of the Indian Village on the Knife River. It is understood that this site is to be taken over by the National Park Service in the future. As near as the engineers of the State Water Commission can determine this site is being adversely affected by the operation of the Garrison Reservoir. In order to prepare for this meeting, Al Grindberg and Construction Engineer Delton Schulz visited this village to look over the area and the existing problem.

Mr. Grindberg stated that the area is the village shown as #3 on the historical development map. According to Ewald this is the village where Sakakawea lived when Lewis and Clark visited the village. The village is right on the river bank and the erosion is destroying the site. Ewald wants temporary protection until this is taken over by the Park Service as they would then make the permanent protection. Grindberg described what would be necessary to protect the bank. Whatever work is done would have to be done without dozing the bank and it was suggested that car bodies be used.

It was moved by Commissioner Gallagher, seconded by Commissioner Gray and carried that the State Water Commission has been made aware of the erosion problem on the Knife River at the Sakakawea Indian Village site and that the State Water Commission recommends that the State Historical Society take immediate action to control the erosion and that the State Water Commission offers engineering counsel to protect this site.

Secretary Hoisveen was requested to write to the Historical Society and Mr. Ewald and make the position of the State Water Commission known to them. Hoisveen stated that he was a member of the Historical Society and would give them the details of the problem at their meeting in Devils Lake on May 7, 1967.



**SNAKE CREEK - CHANGE TO  
AUDUBON (#826)**

Secretary Hoisveen stated that the name Snake Creek National Wildlife Refuge was not euphonious and had no historic value.

Mr. Ewald suggested that the name be changed to honor the member of Mr. Audubon who dedicated his life to the cataloging and preservation of birds and wildlife. The Commission discussed the change of name and was of the opinion that the name should be changed wherever "Snake Creek" appears for any impoundment, lake or refuse to "Audubon".

Governor Guy suggested that a resolution be adopted changing the name "Snake Creek" to "Audubon" as it applies to the game refuge, the lake, creek, impoundment, etc., and the comments of other agencies be solicited.

It was moved by Commissioner Gallagher, seconded by Commissioner Hanson and carried that Resolution 67-4-238, "Renaming Snake Creek Developments" be adopted. (See Appendix A)

**NATIONAL PARK SYSTEM -  
Three Hidatsa Indian  
Villages (#G3-4)**

Mr. Ewald has requested a resolution concerning the National Park Service study program encompassing the Three Hidatsa Indian Villages north of Stanton

to determine the feasibility of including the area in the National Park Service. Mr. Ewald feels this should be given a high priority.

Governor Guy stated that he did not think the State Water Commission was the proper agency to promote this resolution. The State Historical Society should be promoting the resolution. He approved the resolution and suggested that the two agencies, North Dakota Lewis & Clark Commission and the State Historical Society, sponsor a resolution. The Governor requested Secretary Hoisveen to take this resolution to the May meeting of the Historical Society and state that he had been requested by the State Water Commission to propose that the Historical Society and the Lewis and Clark Commission sponsor this resolution.

**FOUR BEARS PARK**

Mr. Ewald requested the Water Commission to sponsor a resolution to study the

anticipated problems involved in properly locating and constructing certain improvement projects at Four Bears Park west of New Town, North Dakota. Governor Guy suggested that this resolution should be developed for the State Outdoor Recreation Agency and he suggested that the Secretary take this up with the State Outdoor Recreation Agency.

**SOIL CONSERVATION SERVICE STUDIES -  
SOURIS-RED-RAINY REGION NATIONAL  
WATER ASSESSMENT (#305)**

The Soil Conservation Service forwarded to the State Water Commission the report of the Ad Hoc group meeting on the Souris-Red-Rainy Region National Water Assessment. A

detailed discussion of the Outline for Part VI - Regional Chapters - was held with assignments of preparation of preliminary drafts for use by the Water Resources Council. The Commission's assignment was "Present Institutional and Management Problems." This is to be written in cooperation with the Minnesota Department of Conservation. The Soil Conservation Service received word from the Water Resources Council to obtain certain information concerning the planning of the Souris-Red-Rainy basins.

LISBON DAM - Letter of  
Appreciation from the  
Deputy State Forester

of the buildings on the property of the State Forest Department. The work done was far beyond their expectations.

A letter of appreciation was received from the Deputy State Forester for the fine job done on the Lisbon Dam by the State Water Commission in the vicinity of the buildings on the property of the State Forest Department. The work done

BUREAU OF RECLAMATION WATER  
RIGHT #416

with the 1,007,000 acres of irrigation land in the Garrison Diversion Unit. This involves over three million acre-feet of water which is the largest water right ever to be issued. The Secretary stated that he would hold the hearing in the large hearing room. He would preside at the water right hearing and then the Commission would meet following this hearing. It is anticipated that representatives from the Bureau of Reclamation, Garrison Diversion Conservancy District, Bureau of Sport Fisheries and Wildlife and municipalities would be present.

Secretary Hoisveen stated that the Bureau of Reclamation has filed an application for a water right for use in connection

the area be used and since this was a historic hearing that the TV stations be notified.

Governor Guy suggested that a large map of

that the water right hearing should be held, to be followed by a meeting of the State Water Commission.

It was the consensus of the commissioners

FULLER LAKE, STEELE COUNTY  
(#273)

surface water within the natural low area which extends northerly through the existing Fuller Lake State Game Refuge. The dam is sponsored by Steele County and the Bureau of Sport Fisheries and Wildlife and is to be built as a part of a county road improvement. The proposed impoundment could serve to provide a reasonable degree of flood control storage and controlled release of excess runoff from the several inlet coulees. It was suggested that changes pertaining to the proposed road improvement consist of raising sections of the proposed road two feet. Mr. Nelson, Drainage Engineer for the State Water Commission, contacted the Bureau of Sport Fisheries and Wildlife and they have scheduled bid lettings for sometime in June. The Highway Department would not consider changing their plans as it would hold up the work. The estimated cost of raising the dam two feet is \$5,750.

Mr. Grindberg stated that it is proposed to build a dam east of Page impounding

be set up consisting of Mr. Hoisveen, Mr. Stuart and Mr. Hjelle or their designees. Governor Guy also requested the Secretary to prepare a letter for his signature setting up the task force.

Governor Guy suggested that a task force

It was moved by Commissioner Gray, seconded by Commissioner Hanson and carried that the Commission approve the expenditure of \$5,750 provided clearance is received from the task force composed of the State Game and Fish Department, the State Highway Department and the State Water Commission, and a representative of the Bureau of Sport Fisheries and Wildlife, with Mr. Hoisveen as chairman.

ADMINISTRATIVE PROCEDURE  
(#322)

Commissioner Gallagher suggested that the State Water Commission go back through the minutes and make a card index of the action taken on all projects, the cost, the number of people involved etc. The data should be set up in such form that it could be used in a computer. In this way the Commission would have a complete resume of what has gone on before. This information would also be valuable to new commissioners. He suggested hiring college students who were taking library courses. He felt that this was a part of the water plan.

Governor Guy suggested that this might be studied under the State Water Resources Plan. It is included in the plan and will be studied therein, Secretary Hoisveen stated.

It was moved by Commissioner Gallagher, seconded by Commissioner Steinberger and carried that the Commission request the State Engineer and his staff to study the possibility of a project of inventorying past actions of the Commission, water projects and rules and regulations and bring suggestions for any recommended action to the next Commission meeting.

RENVILLE COUNTY -  
WPA DAM (#1300)

Commissioner Steinberger inquired about the method to take in requesting the repair of a WPA dam in Renville County.

Secretary Hoisveen stated that the County Commissioners usually request the State Water Commission to participate in such a project and to furnish a cost estimate covering the repairs.

CAMP RITCHIE  
(#300)

Commissioner Gray stated that Camp Ritchie, located on Lake Ashtabula, is now under the jurisdiction of the North

Dakota State University. This camp does not have water suitable for drinking and all water is hauled into the camp. The camp is requesting the Commission to cooperate with them in resolving this water problem. The Commission discussed whether this was part of the State Water Commission's responsibility. It was the consensus of the Commissioners that the Commission staff would give technical assistance to the Camp Ritchie water problem.

It was moved by Commissioner Gray, seconded by Commissioner Hanson and carried that the staff of the State Water Commission cooperate with the State University concerning the Camp Ritchie water problem.

WATER RIGHTS  
#1421

The application of Karl Vander Wal, Pollock, South Dakota, to divert 25 acre-feet of water from an unnamed tributary of an unnamed slough for the purpose of irrigating

25 acres of land was presented to the Commission by the Secretary for consideration.

The State Engineer, Milo W. Hoisveen, having considered the application and made his recommendation thereon for 25 acre-feet to irrigate 25 acres of land, it was moved by Commissioner Hanson, seconded by Commissioner Steinberger and carried that the application be approved and the conditional permit granted for the diversion of 25 acre-feet to irrigate 25 acres of land, subject to such conditions as indicated on the permit.

#1422

The application of the Traill County Water Management District, Hillsboro, to divert 468 acre-feet storage plus 321 acre-feet annual use for flood control and recreation from the Elm River was presented to the Commission by the Secretary for consideration.

The State Engineer, Milo W. Hoisveen, having considered the application and made his recommendation thereon for 468 acre-feet storage plus 321 acre-feet annual use for flood control and recreation it was moved by Commissioner Hanson, seconded by Commissioner Steinberger and carried that the application be approved and the conditional permit granted for the diversion of 468 acre-feet storage plus 321 acre-feet annual use for flood control and recreation, subject to such conditions as indicated on the permit.

#1423

The application of Peter Masset, Linton, to divert 257 acre-feet of water from Beaver Creek and Missouri River back water to irrigate 175.2 acres of land was presented to the Commission by the Secretary for consideration.

The State Engineer, Milo W. Hoisveen, having considered the application and made his recommendation thereon for 350.4 acre-feet to irrigate 175.2 acres of land, it was moved by Commissioner Hanson, seconded by Commissioner Steinberger and carried that the application as modified by the recommendation of the State Engineer be approved and the conditional permit granted for the diversion of 350.4 acre-feet to irrigate 175.2 acres of land, subject to such conditions as indicated on the permit.

The meeting adjourned at 3:30 p.m.

Milo W. Hoisveen  
Secretary

ATTEST:

William L. Gray  
Governor-Chairman

**RESOLUTION 67-4-238**

**Adopted by the  
NORTH DAKOTA STATE WATER COMMISSION**

**Renaming of Snake Creek Developments**

**WHEREAS, John James Audubon was both a great artist and naturalist, and is remembered for his contributions to science and art; and**

**WHEREAS, Audubon's most extensive and most fruitful expedition was the Upper Missouri River excursion of 1843 -- this from the standpoint of being free from financial worries, having a staff of capable assistants, and spread before him a virgin territory rich in both animal and bird life; and**

**WHEREAS, his trips up the river and down provided many opportunities for hiking and hunting jaunts; and**

**WHEREAS, the present Snake Creek Impoundment is a part of the area so well described by Audubon in his Missouri River Journals, and it was here that he discovered and detailed for science eleven new species of birds and animals; and**

**WHEREAS, it would be most appropos that this sanctuary for wildlife and works appurtenant thereto be renamed to honor the memory of one who dedicated his life to the cataloging and preservation of these wildlife creatures of nature; and**

**WHEREAS, the name "Snake Creek" is neither euphonious, historic nor inviting, and tends to repel rather than to attract visitors;**

**NOW, THEREFORE, BE IT RESOLVED by the North Dakota State Water Commission, in regular meeting in its office in the State Capitol, Bismarck, North Dakota, April 21, 1967, that it suggests and recommends that the presently named -**

"Snake Creek Reservoir" be renamed "Lake Audubon";

"Snake Creek Game Management Area" be renamed  
"Audubon Game Management Area";

"Snake Creek National Wildlife Refuge" be renamed  
"Audubon National Wildlife Refuge";

"Snake Creek Embankment" be renamed "Audubon Dam";

"Snake Creek Pumping Plant" be renamed  
"Audubon Pumping Station"; and the

"Snake Creek Arm," the area west of the embankment  
be referred to as the "Audubon Arm"; and

BE IT FURTHER RESOLVED that the Secretary transmit copies of this Resolution to interested and affected agencies and public entities for their views and comments, including among others:

Bureau of Sport Fisheries and Wildlife - Washington,  
Minneapolis, and Bismarck offices;

State Game and Fish Department;

North Dakota Isaac Walton League;

North Dakota Wildlife Federation;

Garrison Diversion Conservancy District;

Bureau of Reclamation - Washington, Billings, and  
Bismarck offices;

U. S. Army Corps of Engineers - Washington, Omaha (2)  
and Riverdale offices; and

McLean County Board of Commissioners.

NORTH DAKOTA STATE WATER COMMISSION  
 FINANCIAL STATEMENT APRIL 30, 1967

1965 - 1967 APPROPRIATIONS

"GENERAL OPERATIONS"

ACCOUNT	Available Funds		Disbursements		Account Balances		UNENCUMB.
	APPROPRIATION	RECEIPTS	TO DATE	APR. '67	UNEXPENDED	ENCUMB.	
1005 - Salaries Exp.	413,000.00	147,000.00*	492,878.98	22,766.70	67,121.02	.00	67,121.02
2005 - Fees & Services	148,000.00	.00	123,952.58	9,838.91	24,047.42	.00	24,047.42
3005 - Supplies & Mat.	156,600.00#	.00	117,764.41	4,465.53	38,835.59	.00	38,835.59
4005 - Equipment	<u>68,400.00#</u>	<u>.00</u>	<u>41,362.19</u>	<u>1,029.04</u>	<u>27,037.81</u>	<u>26,093.51</u>	<u>944.30</u>
	<u>786,000.00</u>	<u>147,000.00</u>	<u>775,958.16</u>	<u>38,100.18</u>	<u>157,041.84</u>	<u>26,093.51</u>	<u>130,948.33</u>

\* Transferred \$147,000 from contract fund to "1005" Oct. 29, 1965  
 # Transferred \$18,400 from account 3005 (Supplies and Materials) to account 4005 (Equipment) December 29, 1966  
 \* Transferred \$18,000 from account 1005 (Salaries Exp.) to account 2005 (Fees and Services) March 16, 1967

"CONTRACT FUND"

001-770-CONTRACT APPROP.	570,000.00	.00	450,000.00	.00	120,000.00	115,570.00	4,430.00
336-770-CONTRACT "CASH"	<u>422,922.57</u>	<u>713,923.04</u>	<u>700,632.37*</u>	<u>393.25</u>	<u>436,213.24</u>	<u>418,000.00</u>	<u>18,213.24</u>
	<u>992,922.57</u>	<u>713,923.04</u>	<u>1,150,632.37</u>	<u>393.25</u>	<u>556,213.24</u>	<u>533,570.00</u>	<u>22,643.24</u>

SWC FILE C5-1.2

NORTH DAKOTA STATE WATER COMMISSION  
STATUS OF CONSTRUCTION BOND GUARANTEE FUND  
AS OF APRIL 30, 1967

ACCOUNT	AVAILABLE FUNDS		DISBURSEMENTS		ACCOUNT BALANCES		
	APPROPRIATION	RECEIPTS	TO DATE	APR. '67	UNEXPENDED	ENCUMB.	UNENCUMB.
535-770-CONST. BOND GUAR.	90,000.00	29,738.04	25,804.09	.00	93,933.95	.00	93,933.95
0500 INVESTMENT PRIN.	<u>20,500.00</u>	<u>.00</u>	<u>5,500.00</u>	<u>2,000.00</u>	<u>15,000.00</u>	<u>.00</u>	<u>15,000.00</u>
	110,500.00	29,738.04	31,304.09	2,000.00	108,933.95	.00	108,933.95

NOTE - FUND #535-770 RECEIPTS ARE OBTAINED FROM RETIREMENT OF AND INTEREST ON SECURITIES THAT WERE IN THE COMMISSION'S SINKING FUND IN EXCESS OF THE AMOUNT REQUIRED TO RETIRE THE SERIES "J" BOND ISSUE ON DECEMBER 10/57. ORIGINAL DISBURSEMENTS FROM FUND #535-770 WERE MADE DURING THE EARLY 1940's IN ACCORDANCE WITH SECTION 61-02-56 OF THE CENTURY CODE WHICH PROVIDES THAT THE COMMISSION MAY GUARANTEE OR INSURE OR AGREE TO PAY THE INTEREST ON AND PRINCIPAL OF COMMISSION REVENUE BONDS NOT EXCEEDING 20% OF THE PAR VALUE OF ANY SUCH BONDS.

SCHEDULE OF BONDS & INTEREST RECEIVABLE - FUND 535-770

TYPE	DUE DATE	INTEREST	INTEREST RECEIVABLE		TOTAL INCOME ANTICIPATED
			TO MATURITY	PRINCIPAL	
U.S. TREASURY BONDS	12-68	2.50%	150.00	3,000	3,150.50
SIOUX IRRIG. DIST. BONDS	1984 SERIALY	2.25%	<u>3,138.75</u>	<u>12,000</u>	<u>15,138.75</u>
			3,288.75	15,000	18,289.25

EXCESS OVER \$90,000 CASH IN FUND 535-770 TO BE CREDITED TO GENERAL FUND. 1-2 '58 ATTORNEY GENERAL'S OPINION

RETIREMENT OF BONDS	\$17,000.00
INTEREST ON BONDS	8,606.05
SINKING FUND CASH	<u>4,131.99</u>
	\$29,738.04



NORTH DAKOTA STATE WATER COMMISSION

PAYROLL - APRIL, 1967

NAME	POSITION	REMARKS	APR. '67	W/TAX	S.S.	INS.	RET.	NET
HOISVEEN, MILO W.	STATE ENGINEER	INC MAR'65	1,292.00	204.00	56.85	16.30	51.68	963.17
ANDERSON, KAREN	STENO	INC NOV'66	315.00	44.10	13.86	-	12.60	244.44
BAESLER, GORDON	DRAFTSMAN	INC NOV'66	600.00	74.90	26.40	-	24.00	474.70
BALLIET, ALLEN	RODMAN	INC MAR'67	375.00	43.70	16.50	15.55	15.00	284.25
BEEKS, CLIFF JR.	G.W. GEOL	INC NOV'66	550.00	82.40	24.20	3.50	22.00	417.90
CHRISTENSEN, RAY	ENGR. AID	INC NOV'66	510.00	66.10	22.44	15.95	20.40	385.11
DELZER, DONALD	CHEMIST	INC NOV'66	627.27	84.80	27.60	16.30	-	498.57
DIEDE, JANE	STENO	INC NOV'66	290.00	34.80	12.76	3.25	-	239.19
DONALDSON, DAVID	G.W. TECH	INC MAR'67	425.00	58.40	18.70	3.35	17.00	327.55
DUSHINSKE, RUSSELL	COMMISSIONER	STA JUL'61	15.00	-	.66	-	-	14.34
EMERSON, MATT	W.R. ENGR	INC NOV'66	650.00	81.70	28.60	16.80	26.00	496.90
FALCONER, HARRY	DRAFTSMAN	STA DEC'66	400.00	49.40	17.60	-	16.00	317.00
FIECHTNER, WALTER	FOREMAN	STA NOV'66	400.00	23.20	17.60	15.50	16.00	327.70
FREDRICKSON, FRED	COORDINATOR	INC NOV'66	825.00	125.00	36.30	.60	33.00	630.10
FROELICH, LARRY	G.W. GEOL	INC NOV'66	690.00	88.50	30.36	15.95	27.60	527.59
FROEMMING, DALE	ENGR AID	INC NOV'66	420.00	58.40	18.48	3.35	16.80	322.97
GALLAGHER, RICHARD	COMMISSIONER	STA JUL'61	15.00	-	.66	-	-	14.34
GLOVER, DALE	HYDROLOGIST	INC NOV'66	825.00	175.00	36.30	-	32.40	581.30
GRAY, GORDON	COMMISSIONER	STA JUL'65	120.00	-	5.28	-	-	114.72
GRINDBERG, ALAN	ASST. STATE ENGR.	INC NOV'66	1,050.00	144.30	46.20	16.30	42.00	801.20
GRUNSETH, ARLAND	INV. ENGR	INC NOV'66	755.00	75.50	33.22	16.30	30.20	599.78
HAMAN, JAMES	OPERATOR	STA FEB'67	288.00	21.80	12.67	-	-	253.53
HANSON, CAROL	STENO	INC MAR'67	280.00	43.40	12.32	3.25	-	221.03
HANSON, HAROLD	COMMISSIONER	STA JUL'65	15.00	-	.66	-	-	14.34
HILAND, LEONE	CHIEF STENO	INC NOV'66	495.00	82.10	21.78	3.35	19.80	367.97
HOGER, DENNIS	RODMAN	INC NOV'66	325.00	36.50	14.30	-	13.00	261.20
JACOBSON, HUGH	ASST. DRILL	INC MAR'67	400.00	14.40	17.60	-	16.00	352.00
JOCHIM, CLIFF	ATTORNEY	INC NOV'66	450.00	77.20	19.80	16.30	18.00	318.70
KLEIN, GERALD	ENGR. AID	STA JAN'67	175.00	5.70	7.70	-	-	161.60
KLEINGARTNER, THOMAS	ENGR. AID	STA JAN'67	175.00	24.70	7.70	-	-	142.60
KNUTSON, LEWIS	DRILLER	INC NOV'66	525.00	32.40	23.10	-	21.00	448.50
KRENZ, EUGENE	RES. PLANNER	INC MAR'67	690.00	58.50	30.36	16.30	27.60	557.24
LINDVIG, MILTON	G.W. ENGR	INC NOV'66	775.00	102.10	34.10	16.30	31.00	591.50
LUYBEN, ROBERT	ENGR. AID	STA MAR'67	425.00	58.40	18.70	-	-	347.90

NAME	POSITION	REMARKS	APR. '67	W/TAX	S.S.	INS.	RET.	NET
MALATERRE, THOMAS	PARTY CHIEF	STA MAR'67	475.00	32.20	20.90	-	-	421.90
NELSON, C.P.	DRAIN ENGR	INC NOV'66	780.00	123.30	34.32	-	31.20	591.18
PUTZ, ROY	OFF. ASST	INC NOV'66	350.00	34.40	15.40	3.25	14.00	282.95
REISER, DANUEL	ACCOUNTANT	INC NOV'66	520.00	32.40	22.88	15.55	20.80	428.37
SACKMAN, EUGENE	SURVEYOR	INC NOV'66	550.00	44.20	24.20	15.95	22.00	443.65
SANDERS, ROBERT	ENGR. AID	STA JAN'67	175.00	14.70	7.70	-	-	152.60
SCHANTZ, GEORGE	ENGR. AID	INC NOV'66	400.00	40.70	17.60	16.05	16.00	309.65
SCHERF, JOHN	ENGR. AID	INC FEB'67	350.00	44.30	15.40	-	-	290.30
SCHMID, ROGER	G.W. HYDROL	INC NOV'66	730.00	75.50	32.12	16.30	29.20	576.88
SCHULZ, DELTON	CONST. ENGR	INC NOV'66	800.00	99.00	35.20	16.30	32.00	617.50
SCHULZ, JIM	ASST. SECTY	INC NOV'66	910.00	112.60	40.04	16.30	36.40	704.66
SCHULZ, SHERRYN	RES. ASST.	STA JAN'67	315.00	44.10	13.86	-	-	257.04
SCOTT, CLIFFORD	DESIGN ENGR	INC NOV'66	780.00	102.10	34.72	16.30	31.20	595.68
SENGER, ANTON	OPERATOR	INC NOV'66	465.00	59.30	20.46	-	-	385.24
SIMENSON, KENNETH	REC. ENGR	INC NOV'66	730.00	65.60	32.12	16.30	29.20	586.78
SPEAKS, GLEN	FOREMAN	STA NOV'66	400.00	35.00	17.60	15.55	*118.05	213.80
STEINBERGER, HENRY	COMMISSIONER	STA JUL'61	15.00	-	.66	-	-	14.34
TILLOTSON, ANN	RES. ASST	INC NOV'66	315.00	38.90	13.89	3.25	12.60	246.36
VAN DYKE, MERLINE	PROJ. ENGR	INC NOV'66	780.00	82.30	34.32	16.30	31.20	615.88
VOELLER, PIUS	FOREMAN	INC NOV'66	520.00	6.50	22.88	15.55	20.80	454.27
VOELLER, RICHARD	OPERATOR	STA FEB'67	350.00	44.30	15.40	-	-	290.30
WALTERSON, HOWARD	CONST. SUPT	INC NOV'66	575.00	66.40	25.30	16.30	23.00	444.00
SWC GROUP INSURANCE - 33			165.00			165.00		.00
SWC RET. MATCHING			898.68				898.68	.00
			<u>28,515.95</u>	<u>3,269.20</u>	<u>1,208.33</u>	<u>578.75</u>	<u>1,915.41</u>	<u>21,544.26</u>

\* Not Ret. This amount withheld for I.R.S.