MINUTES

North Dakota State Water Commission Held in the Fred J. Fredrickson Memorial Library State Water Commission Offices Bismarck, North Dakota

August 24, 1972

The North Dakota State Water Commission held its meeting in the Fred J. Fredrickson Memorial Library in the offices of the State Water Commission on August 24, 1972. Governor-Chairman, William L. Guy, called the meeting to order at 9:40 a.m.

MEMBERS PRESENT:

William L. Guy, Governor-Chairman Richard Gallagher, Vice Chairman, Mandan James Jungroth, Member from Jamestown Alvin Kramer, Member from Minot Gordon Gray, Member from Valley City Milo W. Hoisveen, State Engineer, Chief Engineer and Secretary, North Dakota State Water Commission, Bismarck

OTHERS PRESENT:

Matt Emerson, Assistant Secretary, State Water Commission, Bismarck Cliff Jochim, Special Assistant Attorney General, State Water Commission, Bismarck Vernon Fahy, Bismarck Russell Dushinske, Executive Vice President, North Dakota Water Users Association, Minot Gene Grindeland, Attorney, Steele County Water Management District, Mayville Charles Campbell, Bank of North Dakota, Bismarck Delton Schulz, Acting Assistant Chief Engineer, State Water Commission, Bismarck Gordon Berg, Chairman, Sweetwater-Dry Lake Water Management District, Devils Lake Robert Garske, Commissioner, Sweetwater-Dry Lake Water Management District, Webster Charon Johnson, Churchs Ferry Garland Hoistad, Churchs Ferry CONSIDERATION OF MINUTES It was moved by Commissioner Kramer, OF JUNE 21, 1972 MEETING seconded by Commissioner Gray and carried, that the reading of the minutes of the June 21, 1972 meeting be dispensed with and be approved as circulated. FINANCIAL STATEMENT FOR Matt Emerson, Assistant Secretary for MONTH OF JULY, 1972 the State Water Commission, presented the financial statement for the month of July, 1972. He reviewed and commented on the various Commission accounts. It was moved by Commissioner Gray, seconded by Commissioner Kramer and carried, that the

State Water Commission's financial statement for the month of July, 1972, be accepted as presented. STATE WATER COMMISSION AND WEST RIVER BUDGETS FOR 1973-74 BIENNIUM Secretary Hoisveen and several of the Commission staff members met with the Budget Review Committee in early August, 1972, to present the 1973-74 biennial

budget. This included both the State Water Commission budget and the budget for the West River Diversion. He commented that the budgets had received favorable consideration from the Committee. He then called on Matt Emerson to review the budgets with the Commission members.

> After a brief discussion, Commissioner Gallagher moved, seconded by Commissioner Gray and carried, that the Commission accept the 1973-74 budgets for the State Water Commission and the West River Diversion as presented.

HILLSBORO IMPOUNDMENT PROJECT (#1476) Mr. Gene Grindeland, Attorney for the Traill County Water Management District, and Mr. Charles Campbell from the Bank of North Dakota, appeared before the

Commission. Mr. Grindeland presented two resolutions to the Commission regarding the approval of a proposal for construction of a water supply system and approval of plans and specifications for the Hillsboro Impoundment Project in Traill County. Governor Guy read both of these resolutions. Mr. Grindeland was very optimistic about culmination of contractual arrangements for the sugar beet plant construction.

> Commissioner Gray moved, seconded by Commissioner Jungroth and carried, that the Commission approve Resolution No. 72-8-327, Approval of Proposal for Construction of Water Supply System to Red River Cooperative, Hillsboro, North Dakota; and to approve Resolution No. 72-8-328, Approval of Plans and Specifications for Hillsboro Impoundment Project in Traill County Water Management District. (See Appendixes "A" and "B")

It was moved by Commissioner Jungroth, seconded by Commissioner Gray and carried, that no funds are to be disbursed until contracts between the Red River Cooperative and the contractor are signed for construction of the proposed sugar beet refinery.

MISSOURI RIVER BANK STABILIZATION (#576) Secretary Hoisveen indicated that he had appeared before the Subcommittee on Rivers and Harbors during his last trip to Washington, D. C. in regard

to bank stabilization. The amount being requested for additional bank stabilization works is \$8,400,000. He also requested that Section 205 for emergency flood projects authority of the U. S. Army Corps of Engineers be increased from \$1 million to \$2 million, Section 208 on snagging and clearing be increased from \$100,000 to \$250,000, and Section 14 on emergency river work such as protecting bridges, city intakes, etc., be increased from \$50,000 to at least \$250,000. He has since been advised that the Subcommittee recommended this legislation to the full Committee. It would be included in an omnibus bill.

A listing of priorities for bank stabilization has been established in 14 areas. The areas to be worked on may be performed as the need asserts itself.

DIVERSION OF ST. JOE COULEE - PRESENTATION BY GORDON BERG, CHAIRMAN, SWEETWATER-DRY LAKE WATER MANAGEMENT DISTRICT (#416) Mr. Gordon Berg, Chairman of the Sweetwater-Dry Lake Water Management District; Mr. Robert Garske, Commissioner, Sweetwater-Dry Lake Water Management District; Mr. Charon Johnson, Churchs Ferry; and Mr. Garland Hoistad from Churchs Ferry, appeared before the Commission. Gordon

Berg presented a proposed project whereby a channel is recommended with an "S" curve design beginning in the northwest quarter of Section 1, Township 156, Range 66, extending north and east across Section 6-156-65 generally following the low areas and junctions with Calio Coulee in Section 33-157-65 on the north side of the Ramsey-Towner County line roadway at the northeast corner of Section 6-156-65. It is then proposed to extend east across Sections 34 and 35-157-65 and will join St. Joe Coulee in the southwest corner of Section 35-157-65. The Water Commission's estimated cost for the project is \$386,000.

Mr. Berg requested Commission approval for the proposed Main Collector Drain and state cost participation for 40 percent of the total amount.

Governor Guy gave each of the three other gentlemen present with Mr. Berg an opportunity to speak. Comments were heard from each.

Secretary Hoisveen indicated that all Commission funds have been committed for this biennium, therefore, we cannot participate in cost sharing at this time. He also commented that due to limited funds, work in this area has been done on a piece meal basis. It was Secretary Hoisveen's recommendation that plans and estimate be given further consideration by the State Water Commission staff in an attempt to modify plans and reduce the costs.

> After considerable discussion, it was moved by Commissioner Jungroth, seconded by Commissioner Gray and carried, that the State Water Commission staff be directed to develop a minimum cost project proposal to alleviate the sheet water flooding in the St. Joe Coulee Basin.

The meeting recessed at 12:00 noon and reconvened at 2:00 p.m. Vice Chairman Gallagher presided over the meeting in the absence of Governor Guy.

TOLLEY FLATS FLOOD PROBLEM (#626) Secretary Hoisveen indicated that a representative from the Commission office met recently with the Ward County Water Management District and the Renville

County Water Management District in regard to increased flood problems in the Tolley Flats area. The county representatives requested that the Commission develop a summary status report which would include the background of the project, all investigations made by various agencies, such as the Corps of Engineers, the Soil Conservation Service and the Water Commission. They also requested that the Commission develop the lands, easements and rights-of-way required for the proposal and include this in construction estimates with other facilities being proposed. Upon completion of the summary report, a meeting is to be held with all interested agencies in an effort to resolve their thinking. Hearings are then to be held to determine whether the people are willing to take on special assessments to pay for project construction.

It was the recommendation of Secretary Hoisveen that this summary report be expedited.

> It was moved by Commissioner Kramer, seconded by Commissioner Jungroth and carried, that the State Water Commission proceed immediately on the summary status report to try and resolve the increased flood problems in the Tolley Flats area.

NATIONAL FLOOD INSURANCE (LOCAL MEETINGS)

Secretary Hoisveen stated that a representative of the Water Commission has been assigned to carry out a program

with the Department of Housing and Urban Development and the St. Paul Marine Insurance Company whereby state and local units of government are provided with appropriate technical information for use in flood plain management. Local meetings were held in Bismarck, Minot, Grand Forks and Fargo to explain the flood insurance plan. He read a letter from the St. Paul Marine Insurance Company commending Mr. Mees from the Water Commission for his efforts displayed at these recent meetings.

Secretary Hoisveen presented an agreement between the State Water Commission and the Soil Conservation Service whereby the Soil Conservation Service would conduct flood plain studies for the purpose of insurance.

> It was moved by Commissioner Kramer, seconded by Commissioner Gray and carried, that the Commission authorize Secretary Hoisveen to sign the agreement between the Water Commission and

the Soil Conservation Service whereby the Soil Conservation Service will conduct flood plain studies for purposes of insurance.

REAFFIRMATION OF RURAL WATER AND SANITARY SEWER SYSTEM FOR THE WEST RIVER WATER AND SEWER IMPROVEMENT DISTRICT NO. 1 NEAR MINOT - RESOLUTION NO. 72-7-324 (#782)

Secretary Hoisveen indicated that a request had been received from Wold Engineering for approval of a rural water and sanitary sewer system for the West River water and sewer improvement District No. 1. He noted that this project has been under controversy as a temporary lagoon. The Commission

was polled by telephone on July 17, 1972 and approval of the project was granted. Secretary Hoisveen prepared a letter of approval along with a resolution which also was signed by Mr. W. Van Heuvelen of the State Health Department.

> It was moved by Commissioner Kramer, seconded by Commissioner Jungroth and carried, that the Commission reaffirm approval of Resolution No. 72-7-324, Approval of Rural Water and Sanitary Sewer System for the West River Water and Sewer Improvement District No. 1, with the following modification that the lagoon as presently proposed be limited to use for a period of not over three years after which time the local proponents will be required to hookup their sewage disposal line with the city of Minot's disposal system. (See Appendix "C")

REAFFIRMATION OF RESOLUTION NO. 72-7-325, APPROVAL OF PROPOSAL FOR CONSTRUCTION OF WATER AND SEWER SYSTEM TO AN AREA SOUTH OF FARGO ALONG U.S. HIGHWAY #81 (#720)

Secretary Hoisveen read Resolution No. 72-7-325, Approval of Proposal for Construction of Water and Sewer System to an Area South of Fargo Along U. S. Highway #81 Including Briarwood Place, Chrisan Estates and Chrisan First Subdivision. He indicated that the Commission had been polled on July 17,

1972, and project approval was granted.

It was moved by Commissioner Gray, seconded by Commissioner Jungroth and carried, that the Commission reaffirm Resolution No. 72-7-325, Approval of Proposal for Construction of Water and Sewer System to an Area South of Fargo Along U. S. Highway #81 Including Briarwood Place, Chrisan Estates and Chrisan First Subdivision. (See Appendix "D") REAFFIRMATION OF RESOLUTION NO. 72-7-326, APPROVAL OF PROPOSAL FOR CONSTRUCTION OF WATER AND SEWER SYSTEM FOR AN AREA ALONG INTERSTATE #29 SOUTH OF THE WESTGATE SHOPPING CENTER, SOUTHEAST CASS WATER MANAGEMENT DISTRICT (#720)

Secretary Hoisveen read Resolution No. 72-7-326, Approval of Proposal for Construction of Water and Sewer System for an Area Along Interstate #29 South of the Westgate Shopping Center, Southeast Cass Water Management District. The Commission had been polled on July 17, 1972, and project approval was granted.

It was moved by Commissioner Gray, seconded by Commissioner Jungroth and carried, that the Commission reaffirm Resolution No. 72-7-326, Approval of Proposal for Construction of Water and Sewer System for an Area Along Interstate #29 South of the Westgate Shopping Center. Southeast Cass Water Management District. (See Appendix "E")

KNOX DRAINAGE PROJECT (LETTER OF COMMENDATION) (#1531) Secretary Hoisveen read a letter of commendation from Mrs. Oscar B. Nelson of Knox, North Dakota, in which she, on behalf of the citizens of Knox,

expressed their appreciation to the Water Commission and other agencies involved in completing the Knox Drainage Project. He indicated that her letter has been acknowledged by the Commission.

REQUEST FROM SOUTHEAST CASS WATER MANAGEMENT DISTRICT FOR APPROVAL OF PLANS AND SPECIFICATIONS FOR IMPROVEMENTS IN SOUTHEAST CASS WATER MANAGEMENT DISTRICT WATER AND SEWER DISTRICT NO. 5 (#720)

Secretary Hoisveen read a letter from Daniel R. Twichell, Secretary for the Southeast Cass Water Management District, requesting approval from the State Water Commission for plans and specifications for improvements in Southeast Cass Water Management District Water and Sewer District No. 5. This project relates to an area south of Fargo along U. S.

Highway #81 including Briarwood Place. It was the recommendation of Secretary Hoisveen that the Commission grant approval of this project.

> It was moved by Commissioner Gray, seconded by Commissioner Jungroth and carried, that the Commission approve Resolution No. 72-8-329, Approval of Plans and Specifications for Improvements in Southeast Cass Water Management District Water and Sewer District No. 5. (See Appendix "F")

REQUEST FROM SOUTHEAST CASS WATER MANAGEMENT DISTRICT FOR APPROVAL OF PLANS AND SPECIFICATIONS FOR IMPROVEMENTS IN SOUTHEAST CASS WATER MANAGEMENT DISTRICT WATER AND SEWER DISTRICT NO. 6 (#720)

Secretary Hoisveen stated that a request has been received from the Southeast Cass Water Management District for Water Commission approval of the plans and specifications for improvements in Southeast Cass Water Management District Water and Sewer District No. 6. This project relates to an area along Interstate No. 29 south It was his recommendation that the Commission

of the West Acres Shopping Center. grant approval of this project.

> It was moved by Commissioner Gray, seconded by Commissioner Jungroth and carried, that the Commission approve Resolution No. 72-8-330, Approval of Plans and Specifications for Improvements in Southeast Cass Water Management District Water and Sewer District No. 6. (See Appendix "G")

ESTABLISHMENT OF SLOPE COUNTY WATER MANAGEMENT DISTRICT (#1575) Secretary Hoisveen stated that the Water Commission has received a Resolution, Certificate and Petition from the Slope County Commission requesting the Water Commission to take the necessary steps

for the formation of a Slope County Water Management District. It was his recommendation that the Commission recognize this request and proceed to set up a hearing.

It was moved by Commissioner Jungroth, seconded by Commissioner Gray and carried, that the Water Commission recognize the Resolution, Certificate and Petition as received and proceed with the hearing in the establishment of a Slope County Water Management District.

PUBLIC WORKS IMPACT PROGRAM (#1561) Secretary Hoisveen indicated that application has again been made to the Economic Development Administration for consideration of cost participation or grants in aid for

construction of various facilities in eligible areas and counties throughout the State of North Dakota under the Public Works Impact Program. There were seven projects submitted; six for recreation areas adjacent to lakes and reservoirs, and, one for a river channel clearing through a city. These seven projects have all met requirements of the overall master plan established. He indicated that the Commission will be responsible for engineering and supervision on construction of these projects. Costs of construction materials and temporary employees wages will be paid by the local sponsoring entity. The Commission will absorb salaries of its permanent staff members assigned to the projects and also associated overhead expenses. A total of \$8,066 has been requested for State Water Commission participation in the seven proposed Economic

Development Administration projects.

Commissioner Jungroth moved, seconded by Commissioner Kramer and carried that, the State Water Commission participate in an amount of \$8,066 for cost sharing in the seven proposed Economic Development Administration projects.

DIVERSION OF YELLOWSTONE RIVER WATER FOR USE IN	Secretary Hoisveen stated that in view of
	the Governor not being in attendance, he
WYOMING AND MONTANA	felt that the Commission should defer
	action on discussion of the diversion
	of Yellowstone River water for use in

Wyoming and Montana.

Commissioner Gray moved, seconded by Commissioner Kramer and carried, that the discussion of diversion of Yellowstone River water for use in Wyoming and Montana be deferred until a future meeting.

MEETING WITH OFFICIALS FROM NORTH AMERICAN COAL CORPORATION - MICHIGAN WISCONSIN PIPE LINE COMPANY IN REGARD TO WATER AVAILABILITY (#1495)

Secretary Hoisveen stated that a meeting had been held with officials from the American Natural Gas and the North American Coal Corporation regarding water availability for a future gasification project. One of the main concerns with North Dakota citizens is the reclamation

of the land once large scale mining operations become a reality. The North American Coal Corporation is currently making a thorough study of the cost of complete reclamation.

It was the general consensus of the Commission members to invite representatives of these interested agencies to a future Commission meeting.

REQUEST FOR CITY OF EDGELEY'S GROUND-WATER STUDY (#954)

Secretary Hoisveen indicated to Commission members that the city of Edgeley has requested the Water Commission to conduct a ground-water study for that city. The total cost of the project is \$6,000. The

city has requested state cost participation for 50 percent of estimated costs. It was Secretary Hoisveen's recommendation that the Commission grant approval of this request.

> It was moved by Commissioner Jungroth, seconded by Commissioner Kramer and carried, that the State Water Commission participate with the city of Edgeley in conducting a ground-water study for

that city and participate in the cost sharing of the project in an amount not to exceed \$3,000, or 50 percent of the total.

NEW PROGRESS MAP SHOWING MAJOR GLACIAL DRIFT AQUIFERS IN NORTH DAKOTA AND ESTIMATED POTENTIAL YIELDS Secretary Hoisveen noted that the Commission has published a new progress map showing major glacial drift aquifers in North Dakota and the estimated potential yields. A news release was

published in all North Dakota newspapers and he indicated that there has been a large amount of requests for this map.

It was the consensus of the Commission members to have an additional 5,000 copies of this map printed and furnish the North Dakota Water Users Association with a sufficient quantity for distribution with the next issue of their Bulletin. Also, to furnish copies to members of the North Dakota Legislature. Distribution is also to be made to all schools in North Dakota.

> It was moved by Commissioner Kramer, seconded by Commissioner Jungroth and carried, that the State Water Commission have an additional 5,000 maps printed showing major glacial drift aquifers in North Dakota. Also, that the North Dakota Water Users Association be furnished sufficient copies to distribute with the next issue of their Bulletin. Copies are also to be made available to the North Dakota Legislative members and all North Dakota schools.

TRAILL COUNTY DRAIN NO. 26 (#1243) Secretary Hoisveen stated that a request had been received from the Traill County Drain Board for cost participation in Traill County Drain No. 26 (Hillsboro

Drain). The original plans did not include a drop structure, but a pipe drop was installed after the drain was completed. It was the recommendation of Secretary Hoisveen that the Commission participate with the Traill County Drain Board in construction of the Traill County Drain No. 26 to the amount of 40 percent; and 50 percent for installation of a drop structure, in a total amount not to exceed \$9,187.86. Participation is to be contingent upon availability of Water Commission funds.

> It was moved by Commissioner Gray, seconded by Commissioner Kramer and carried, that the State Water Commission participate with the Traill County Drain Board in the construction of Traill County Drain No. 26 to the amount of 40 percent; and to 50 percent for the installation of a drop structure, for a total amount not to exceed \$9,187.86, contingent upon the availability of Water Commission funds.

ENGLISH COULEE OUTFALL (#1351)

Secretary Hoisveen indicated that a request has been received from the Grand Forks County Water Management District for state

cost participation in the South Diversion and Channel "A" of English Coulee in Grand Forks County. The total estimated state cost participation amount is \$53,861.39. It was the recommendation of Secretary Hoisveen that the Commission participate in this project contingent upon the availability of funds.

> It was moved by Commissioner Jungroth, seconded by Commissioner Kramer and carried, that the State Water Commission participate with the Grand Forks County Water Management District in the construction of the South Diversion and Channel "A" of English Coulee in Grand Forks County, in an amount not to exceed \$53,861.39, contingent upon the availability of funds.

WATER PERMITS Secretary Hoisveen presented 10 water permits to the Commission members for their consideration. It was his recommendation that all of these water permits be approved.

> It was moved by Commissioner Gray, seconded by Commissioner Kramer and carried, that the Commission approve the 10 water permits presented for their consideration subject to the conditions indicated on the permit. (See Appendix "H")

PROPOSED "THE WATER CIRCLE TRIP" COLORING BOOKLET Secretary Hoisveen indicated to the Commission members that in their folders was "The Water Circle Trip" coloring

booklet. This booklet tells the hydrologic cycle and is being proposed for distribution to schools, at fairs, etc. He quoted a price for various amounts of printing of this book. It was Secretary Hoisveen's recommendation that the Commission approve this project.

> It was moved by Commissioner Kramer, seconded by Commissioner Jungroth and carried, that the Commission approve "The Water Circle Trip" coloring booklet, as well as a manual for teachers interested in this subject.

ELVIN F. MAXWELL -SWC WATER PERMIT NO. 1043 Cliff Jochim, Special Assistant Attorney General for the State Water Commission, stated that a request has been received

from Mr. Elvin F. Maxwell of Fessenden, to extend the time period in his water permit, No. 1043, to apply the water to beneficial use. He had originally requested 10 years to complete his project and has failed to use any of the

water to date, thereby, making this water unavailable to other appropriators wishing the use of it.

It was moved by Commissioner Kramer, seconded by Commissioner Jungroth and carried, that the State Water Commission deny Mr. Elvin Maxwell's request to extend the time to apply the water to beneficial use under water permit No. 1043.

ECONOMIC DEVELOPMENT ADMINISTRATION (#1561) Cliff Jochim stated that one of the requirements the Economic Development Administration requests for the Public Works Impact Projects funding is that

the local sponsoring agencies provide EDA with their Attorney's Certificate stating that he has made a title search and that the sponsoring county has the necessary lands, easements and rights-of-way. In the case of one of the projects, Gascoyne Lake in Bowman County, the State of North Dakota owns the easements. Bowman County has made a request to the Commission for a transfer of these easements to the county. Mr. Jochim is to check the legality of this transfer.

> It was moved by Commissioner Jungroth, seconded by Commissioner Gray and carried, that the State Water Commission transfer the state-owned easements for Gascoyne Lake in Bowman County to Bowman County after the legal aspects have been considered.

MISSOURI RIVER BASIN COMMISSION MEETING (#1569)

Secretary Hoisveen stated that on October 18 and 19, 1972, Bismarck will be host for a meeting of the newly formed Missouri River Basin Commission. At that meeting,

Governor Guy will be highly commended for his efforts in the establishment of this Commission. It was suggested that a Water Commission meeting be held at this time.

> There being no further business to come before the Commission, Commissioner Jungroth moved and Commissioner Gray seconded that the meeting be adjourned at 3:05 p.m.

Secretary

ATTEST:

Governor-Chairman

APPENDIX "A"

RESOLUTION 72-8-327

Approval of Proposal for Construction of Water Supply System

WHEREAS, the Traill County Water Management District has presented a Water Impoundment project to the North Dakota State Water Commission, Bismarck, North Dakota, for its approval, which provides facilities to supply water to the Red River Cooperative, Hillsboro, North Dakota for sugar beet processing, which project will provide for the orderly development of the area and eliminate pollution and environmental problems; and

WHEREAS, approval of the State Department of Health has been received on said project; and

WHEREAS, this commission is of the opinion that said project is proper and feasible;

NOW, THEREFORE, BE IT RESOLVED by the North Dakota State Water Commission at its regular meeting held on the <u>24th</u> day of <u>August. 1972</u>, in Bismarck, North Dakota, that said project be and the same is hereby approved.

FOR THE NORTH DAKOTA STATE WATER COMMISSION:

liam L. Guy

Governor-Chairman

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APPENDIX "B"

RESOLUTION 72-8-328

Approval of Plans and Specifications for Hillsboro Impoundment Project in Traill County Water Management District

BE IT RESOLVED by the North Dakota State Water Commission that the plans and specifications for improvements in the Hillsboro Impoundment Project of the Traill County Water Management District, Traill County, North Dakota, heretofore prepared by engineer for said project, be and the same hereby are approved, ratified and confirmed as the plans and specifications in accordance with which said improvements shall be constructed and the Secretary of the Water Management district shall file the same in his office open to public inspection.

NOW, THEREFORE, BE IT RESOLVED by the North Dakota State Water Commission at their meeting held in Bismarck, North Dakota, on the 24th day of August, 1972, that the above stated specifications and plans be hereby approved.

FOR THE NORTH DAKOTA STATE WATER COMMISSION:

Guy William A.

Govenor-Chairman

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ATTEST:

Milo W. Hoisveen Secretary

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RESOLUTION 72-7-324 APPROVAL OF RURAL WATER & SANITARY SEWER SYSTEM FOR THE

WEST RIVER WATER AND SEWER IMPROVEMENT DISTRICT NO. 1

WHEREAS, the Ward County Water Management District has presented a water and sanitary sewer project to the North Dakota State Water Commission, Bismarck, North Dakota, which project lies approximately four miles Northwest of Minot, North Dakota, largely in the flood plain of the Souris River and will provide facilities to pump raw sewage from an area of principally single-family residences which will eliminate the possibility of discharge into the Souris River and which project will also provide for a water supply system which will eliminate the danger of contamination of the existing wells, and the project being principally in the following additions:

> Robinwood Estates Country Club Acres Rostad's Subdivision

King's Court Dakota Boys Ranch Talbott Mobile Home Court

Ward County, North Dakota; and

WHEREAS, approval of the State Department of Health has been received on said project.

NOW THEREFORE, BE IT RESOLVED by the North Dakota Water Commission on this 17th day of July , 1972, that said project be and the same is hereby approved.

FOR THE NORTH DAKOTA STATE WATER COMMISSION.

overnor - Chairman

ATTEST:

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APPENDIX "D"

RESOLUTION 72-7-325

Approval of Proposal for Construction of Water and Sewer System to an Area South of Fargo Along U. S. Highway #81 Including Briarwood Place, Chrisan Estates and Chrisan First Subdivision

WHEREAS, the Southeast Cass Water Management District has presented a certain water and sewer project to the North Dakota State Water Commission, Bismarck, North Dakota, for its approval, which project provides facilities to supply water and take raw sewage from an area along U. S. Highway #81 south of the City of Fargo, which project will provide for the orderly development of the area and eliminate pollution and environmental problems; and

WHEREAS, approval of the State Department of Health has been received on said project; and

WHEREAS, this commission is of the opinion that said proposal is proper and feasible;

NOW THEREFORE, BE IT RESOLVED by the North Dakota State Water Commission at a meeting held on the 17th day of July , 1972, that said project be and the same is hereby approved.

FOR THE NORTH DAKOTA STATE WATER COMMISSION:

m Z.L William L. Guy Governor-Chairman

ATTEST:

Secretary

SEAL

APPENDIX: "E"

RESOLUTION 72-7-326

Approval of Proposal for Construction of Water and Sewer System for an Area Along Interstate #29 South of the Westgate Shopping Center, Southeast Cass County Water Management District

WHEREAS, the Southeast Cass Water Management District has presented a certain water and sewer project to the North Dakota State Water Commission, Bismarck, North Dakota, for its approval, which project provides facilities to supply water and take raw sewage from an area along the west side of Interstate Highway #29 south of 13th Avenue with a hook-up to the present City of Fargo mains coming from 13th Avenue, which project will provide for the orderly development of the area and eliminate pollution and environmental problems; and

WHEREAS, approval of the State Department of Health has been received on said project; and

WHEREAS, this commission is of the opinion that said proposal is proper and feasible;

NOW THEREFORE, BE IT RESOLVED by the North Dakota State Water Commission at a meeting held on the 17th day of July , 1972, that said project be and the same is hereby approved;

FOR THE NORTH DAKOTA STATE WATER COMMISSION:

and. L

William L. Guy Governor-Chairman

ATTEST:

4) Horsveen

Milo W. Hoisveen Secretary

SEAL

APPENDIX "F"

RESOLUTION 72-8-329

Approval of Plans and Specifications for Improvements in Southeast Cass Water Management District Water and Sewer District No. 5

BE IT RESOLVED by the North Dakota State Water Commission that the plans and specifications for improvements in Water and Sewer District No. 5 of the Southeast Cass Water Management District, Cass County, North Dakota, heretofore prepared by Fargo City Engineer, engineer for said project, be and the same hereby are approved, ratified and confirmed as the plans and specifications in accordance with which said improvements shall be constructed and the Secretary of the Water Management District shall file the same in his office open to public inspection.

NOW THEREFORE, BE IT RESOLVED by the North Dakota State Water Commission at their meeting held in Fargo, North Dakota, on this 24th day of August , 1972, that the above stated specifications and plans be hereby approved.

FOR THE NORTH DAKOTA STATE WATER COMMISSION:

Governor-Chairman

SEAL

ATTEST:

Milo W. Hoisveen Secretary

APPENDIX "G"

RESOLUTION 72-8-330

Approval of Plans and Specifications for Improvements in Southeast Cass Water Management District Water and Sewer District No. 6

BE IT RESOLVED by the North Dakota State Water Commission that the plans and specifications for improvements in Water and Sewer District No. 6 of the Southeast Cass Water Management District, Cass County, North Dakota, heretofore prepared by Fargo City Engineer, engineer for said project, be and the same hereby are approved, ratified and confirmed as the plans and specifications in accordance with which said improvements shall be constructed and the Secretary of the Water Management District shall file the same in his office open to public inspection.

NOW THEREFORE, BE IT RESOLVED by the North Dakota State Water Commission at their meeting held in Fargo, North Dakota, on this 24th day of August , 1972, that the above stated specifications and plans be hereby approved.

FOR THE NORTH DAKOTA STATE WATER COMMISSION:

William L. Guy Governor-Chairman

SEAL

ATTEST:

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Milo W. Hoisveen Secretary

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WATER PERMITS FOR AUGUST 24, 1972 AGENDA

NO.	NAME AND ADDRESS	SOURCE	PURPOSE	AMOUNT REQUESTED	COMMENTS & RECOMMENDAT	IONS
1848	Hafner, Myron H. – Beulah (Mercer County)	Lake Sakakawea, trib. to Missouri River	Irrigation	538.0 acre-feet 269.0 acres	538.0 acre-feet 269.0 acres	
1834	Gunlikson, Julian - Zahl (Williams County)	Scorio Creek, trib. to Little Muddy River and Missouri River	lrrigation- Waterspreading	92.5 acre-feet 92.5 acres	92.5 acre-feet 92.5 acres	
1851	Golden Valley, City of Golden Valley (Mercer County)	Ground Water	Municipal	112.0 acre-feet	112.0 acre-feet	
1852	Galesburg, City of - Galesburg (Traill County)	Ground Water	Municipal	20.0 acre-feet	20.0 acre-feet	
1836	Small, Walter - Bismarck (Burleigh County)	Ground Water	Irrigation	262.4 acre-feet 262.4 acres	262.4 acre-feet 262.4 acres	
1854	Walsh County Water Management District (Detention Dam 6) - Grafton (Walsh County)	Unnamed Tributary, trib. to Middle Branch Park River	Flood Control	575.0 acre-feet flood storage 21.3 acre-feet annual use	575.0 acre-feet flood storage 21.3 acre-feet annual use	APPENDIX "H

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NO.	NAME AND ADDRESS	SOURCE	PURPOSE	AMOUNT REQUESTED	COMMENTS & RECOMMENDATIONS
1856	Texaco, Inc Keene (McKenzie County)	Ground Water	Industrial	0.71 acre-feet	0.71 acre-feet
1840	Agassiz Water Users, Inc. – Manvel (Grand Forks Co.)	Ground Water	Industrial (Rural Domestic)	150.0 acre-feet	150.0 acre-feet
1855	U. S. Bureau of Sport Fisheries and Wildlife (Valley City National Fish Hatchery) - Twin Cities, Minn. (Barnes County)	Sheyenne River, trib. to Red River of the North	Fish, Wildlife & Recreation	470.0 acre-feet	470.0 acre-feet (Mostly non-consumptive use)
1853	Jud, City of - Jud (LaMoure County)	Ground Water	Municipal	161.3 acre-feet	161.3 acre-feet

ADDENDUM TO AUGUST 24, 1972 MINUTES OF THE STATE WATER COMMISSION

Governor William L. Guy read a letter from Travis Roberts, Regional Director, Bureau of Sport Fisheries and Wildlife, in which the suggestion for appointment of a Devils Lake Advisory Committee was made. The Governor asked Gordon Berg what he thought of this idea and he replied by stating that it was a "stalling" tactic.

After the noon recess, the Commission members discussed the possible advantages of an Advisory Committee:

- 1) Overall coordination of basin plans;
- 2) Establishment of priorities for projects; and
- 3) Ends the "piecemeal" type drainage projects.

The Commission members seemed to be of the opinion that the members of the Committee should select a chairman.

It was moved by Commissioner Jungroth, seconded by Commissioner Kramer and carried, that a Devils Lake Advisory Committee be created, and that in regard to the Committee's membership, no specific recommendations be made to the Governor.

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Milo W. Hoisveen Secretary

NORTH DAKOTA STAIL WATER COMMISSION FINANCIAL STATEMENT AUG. 31, 1972 1971-73 APPROPRIATIONS

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	Available F APPROPRIATION	unds RECE I PTS	Disburse TO DATE	ements AUG. '72	Accour UNEXPENDED	nt Balanc ENCUMB.	es UNENCUMB,
GENERAL OPERATIONS: ACCOUNT							
1001-Salaries Expense (1)	\$ 919,621.00	\$ -	\$ 473,591.23	\$36,736.67	\$ 446,029.77	\$ -	\$ 446,029.77
2001-Fees & Services	162,625.00	-	78,418.23	6,044.39	84,206.77	-	84,206.77
2051-Data Processing	4,500.00	-	2,330.62	124.67	2,169.38	-	2,169.38
3001-Supplies & Materials	163,600.00	-	85,457.86	5,357.66	78,142.14	-	78,142.14
4001-Equipment	25,000.00	-	11,807.69	-	13,192.31	-	13,192.31
7701-Red Basin Comm.	60,000.00	(1)	45,149.17		14,850.83	-	14,850.83
TOTAL GENERAL OPERATIONS	\$1,335,346.00	\$ - 5 ×	\$ 696,754.80	\$48,263.39	\$ 638,591.20	\$ -	\$ 638,591.20
7721-West River Diversion	\$ 100,000.00	\$ -	\$ 44,502.08	\$ 9,598.01	\$ 55,497.92	\$ -	\$ 55,497.92
CONTRACT FUND:				2			
336-770-Contract"Cash"\$1,000 Contract Collections 900 Collections to Date Transfer from 001 to 336	,000\$1,900,000.00	\$422,701.90 300,000.00			16		
			\$ 665,011.55	\$32,496.46	\$1,234,988.45	\$(2)	\$1,234,988.45
TOTAL CONTRACT FUND	\$1,900,000.00	<u>\$722,701.90</u>	\$ 665,011.55	\$32,496.46	\$1,234,988.45	\$ <u>(2)</u>	\$1,234,988.45
GRAND TOTALS	\$3,335,346.00	<u>\$722,701.90</u>	<u>\$1,406,268.43</u>	<u>\$90,357.86</u>	\$1,929,077.57	<u>\$ -</u>	\$1,929,077.57
(1) Includes \$88,550.00 Fe	ederal Grants						
(2) Contract Fund commitme	ents shown on proj	ects authorize	ed list dated	August 15, i	1972		

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NORTH DAKOTA STATE WATER COMMISSION

PAYROLL - July 1972*

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HOISVEEN, MILO W. BAESLER, GORDON BALLIET, ALLEN CHRISTENSEN, RAYMOND DALLY, ANTOINETTE EMERSON, MATT FROELICH, LARRY GEHRING, OSCAR GRUNSETH, ARLAND HANSON, WILLIAM HOETZER, STEVE JOCHIM, CLIFFORD KLAPPRODT, LEROY KLING, THOMAS KNOLL, JAMES KNUTSON, LEWIS KOCH, KAY LAW, DAVID LINDVIG, MILTON LOCKEN, SHARON MEES, LADARANA MURI, GARVIN NAPLIN, CHARLES NEAL, DEAN NELSON, C. P. OHNSTAD, DONALD PUTZ, ROY SACKMAN, EUGENE SCHMID, ROGER SCHULZ, DELTON SCOTT, LLOYD SENGER, ANTON SIEMS, MYRNA SPEAKS, GLENN SVIHLA, ROSALIE SWANSON, RONALD THOMAS, NELDA THOMAS, ROBERT TILLOTSON, ANN ULRICH, ROGER WALTERSON, HOWARD WELCH, CYNTHIA WERNER, ROBERT SWC GROUP INC. SWC RET-MATCHING SOCIAL SECURITY

POSITION	REMARKS	GROSS
STATE ENGINEER	INC. JULY '72	\$ 1,875.00
WATER RIGHTS TECHNICIAN	INC.JULY'72	850.00
RODMAN	INC. JULY '72	575.00
CONSTRUCTION ENGINEER	INC.JULY'72 INC.JULY'72	945.00
STENOGRAPHER		430.00
ASSISTANT SECRETARY	INC.JULY'72	1,265.00
GEOLOGIST	INC.JULY'72	1,015.00
LAB TECHNICIAN	INC.JULY'72	655.00
INVESTIGATIONS ENGINEER	INC.JULY'72	1,145.00
DRAFTSMAN	INC.JULY'72	560.00
ASSISTANT DESIGN ENGINEER	INC.JULY'72	945.00
ATTORNEY	INC.JULY'72	1,350.00
ENGINEER TEUMNICIAN	INC.JULY'72 STA.SEPT.'71	570.00
SUILS IECHNICIAN	STA.SEPT. 71	382.50
DRULED	INC.JULY'72	620.00
ENGINEER TECHNICIAN SOILS TECHNICIAN OPERATOR DRILLER ACCOUNTANT	INC.JULY 72	795.00
ACCOUNTANT	INC.JULY'72	315.00
ENGR. TECHNICIAN	STA.JUNE'72	425.00
GROUND-WATER ENGINEER	INC.JULY'72	1,265.00
CHIEF STENOGRAPHER FIELD ENGINEER	INC.JULY'72	650.00
CHEMIST	INC.JULY'72	880.00
GEOLOGIST	INC.JULY'72	940.00
LAB TECHNICIAN	INC.JULY'72 STA.SEPT.'71	955.00
DRAINAGE ENGINEER	INC.JULY'72	280.00
PLANNING ENGINEER	INC.JULY'72	1,200.00
OFFICE ASSISTANT	INC.JULY 72	525.00
SURVEYOR	INC.JULY'72	795.00
GROUND-WATER HYDROLOGIST	INC.JULY'72	1,125.00
OFFICE ENGINEER	INC.JULY'72	1,470.00
CHIEF DRAFTSMAN		785.00
CONSTRUCTION INSP.		580.00
STENOGRAPHER	INC.JULY'72	360.00
OPERATOR	INC.JULY'72 INC.JULY'72 INC.JULY'72 INC.JULY'72 INC.JULY'72	640.00
STENOGRAPHER	INC.JULY'72	380.00
DESIGN ENGINEER	INC.JULY'72	1,115.00
DIR. OF INFORMATION	INC.JULY'72	875.00
ASST. DRILLER	STA.JUNE'72	500.00
RESEARCH ASSISTANT	INC.JULY'72	500.00
RODMAN -	INC.JULY'72	540.00
CONSTRUCTION SUPT.	INC.JULY'72	805.00
STENOGRAPHER	STA.SEPT. 70	325.00
DRAFTSMAN	INC.JULY'72	530.00
243		270.00
		1,483.17
		1,186.00

\$36,736.67

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*Pd. in August

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FUNCTION NUMBER AND DESCRIPTION	CURRENT COST	COST TO DATE	PERCENT	BUDG
100 ADMINISTRATIVE AND LEAGAL	1,655,82	\$ 37,854.93	30.2 %	\$ 125,346,
200 COMPREHENSIVE PLANNING	16,019,18	\$ 229,736.36	45.9 %	\$ 500,000.
301 ENGINEER, INVESTIGATION, RESEARCH, SURVEY & DESIGN	4,515,33	\$ 57,422.77		\$ 100,000.
302 METES & BUUNDS SURVEYS	193,60	\$ 667,98	6.7 %	\$ 10×000
303 TEST BURINGS AT PROJECT SITES	.00	\$ 2,239,39	22.4 %	\$ 10×000
304 SOIL ANALYSIS	379,78	\$ 18,157,53	60.5 %	\$ 30,000.
305 HYERQLUGIC STUDIES	.00	\$.00	 The second s	\$ 30,000
306 DESIGN	5,181,80	\$ 59,150,51	69.6 %	\$ 85+000+
307 RESEARCH	.00	\$ 313.23	2.1 %	\$ 15×000
310 REPORT PUBLICATION	,00	\$,00	.0 %	\$ 15,000
311 GREUND WATER SURVEY-PRE PLANNING	696.03	\$ 20,465.93	75.8 %	\$ 27,000.
312 GRCUND WATER SURVEY-WATER RECORD	.00	\$ 1,250,29	25.0 %	5,000
313 GREUND WATER SURVEY-GEDLOGICAL STUDIES	.00	\$,00	.0 %	\$ 3,00°
314 GREUND WATER SURVEY-SUBSURFACE EXPLORATION	32,358,27	\$ 204,936,77	82,0 %	\$ 250,000
315 GREUND WATER SURVEY-QUALITY OF WATER WORK	4,304.32	\$ 43,806,64	87,6 %	50,000
316 GREUND WATER SURVEY-AQUIFER TEST & SPECIAL INV	2,113,50	\$ 32,452,52	32,5 %	\$ 100×0 [™]
317 GREUND WATER SURVEY-DATA COMPILATION & ANALYSIS	227.92	\$ 9,784.74	97,8 %	1020 0
318 GREUND WATER SURVEY-RPT PREP & REVIEW	.00	\$ 5,581,35	37.2 %	15,005
319 GREUND WATER SURVEY-SPECIAL INVESTIGATIONS	.00	\$ 35,208.66	35.2 %	100, 000
320 COCPERATIVE SURVEYS-GRND WATER, SUR WATER & TOPUG.	16,500.00	\$ 229,625.01	61.2 %	375,000
401 CONSTRUCTION-DAMS & RELATED APPURTENANCES	2,279,34	\$ 271,535.55	30.2 %	900,000
402 CONSTRUCTION-RECREATION FACILITIES	+00	\$ 6,211.97	5,6 %	110 ,000;
403 CONSTRUCTION-IRRIGATION FACILITIES	.00	\$,00	.0 %	S 10,000,
404 CONSTRUCTION-FLOOD CONTROL	.00	\$ 68,566.19	68.6 %	\$ 100,000.
405 CONSTRUCTION-PILOT WELLS	,00	\$.00	.0 %	10,000
SOL DP & MAINT-DAMS & RELATED APPURTENANCES	7,872.46	\$ 55,871.75	24.8 %	225,000
502 OP & MAINT-RECREATION FACILITIES	.00	\$ 140,25	2.8 %	\$ 5,000
503 OP & MAINT-IRRIGATION FACILITIES	.00	\$.00	.0 %	\$ 5,000
504 DP & MAINT-FLOOD CONTROL	876.45	\$ 20,431.30	17.8 %	\$ 115,000.
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TETALS

\$ 95,173,80 \$1,411,411.62

42.3 % \$3,335,346.

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NORTH DAKOTA STATE WATER COMMISSION

OBJECT BUDGET COMPARISON 1971-1973 BIENNIUM

Sept. 20, 1972 SWC File C5-1.4

OBJ. CODE	OB JECT DESCRIPTION	AUG. 1972 EXPEND.	AU	LY 1, '71 G. 31, '72 PEND.		BUDGET	EXP. % OF BUDGET TIME <u>STD 58%**</u> SAL. STD. 54%
1000 1820 1830	Salaries OASIS Social Security	\$33,797.50 - 1,483.17	\$	434,309.35 352.94 17,786.73	\$	840,121.00 4,400.00 34,000.00	51% 8% 52%
1840 1850	Hospital Insurance Workmen's Compensation	270.00		3,700.30 2,306.38		7,500.00 3.600.00	49% 64%
1880	State Retirement	1,186.00		15,135.53		30,000.00	50%
	TOTAL SALARIES AND WAGES	\$36,736.67	\$	473,591.23	\$	919,621.00	(1) 51%
2110	Marla C. Ladaira	¢0.015.20	÷	22 160 kg	~	77 205 00	1.29/
2110 2120	Meals & Lodging	\$2,915.32	\$	33,168.42	\$	77,325.00	43%
2120	Personal Vehicle Mileage	253.00		4,074.60		8,000.00	51% 61%
2150	Comm. Transportation	281.58		7,331.19		12,000.00	
	Misc. Travel	129.48		1,444.44		3,000.00	48%
2210	Water-Garbage	8.85		99.80		300.00	33%
2220	Natural Gas	3.00		474.90		1,000.00	47%
2230	Electricity	28.00		469.18		900.00	52%
2310	Rental-Equipment	205.00		1,630.66		2,500.00	65%
2360	Rent-Bldg. Space	-		20.00		500.00	4%
2410	Postage	106.77		2,172.85		4,000.00	54%
2420	Telephone	244.56		2,764.19		5,000.00	55%
2510	Repair Equipment	191.55		3,248.64		12,000.00	27%
2513	Maintenance Contracts	-		2,985.85		4,000.00	74%
2560	Repair Buildings & Ground	ds –		35.00		1,000.00	4%
2612	Legal Fees	-				1,000.00	
2613	Audit Fees	-		197.63		500.00	39%
2614	Engineering Fees	-		99.00		2,500.00	3%
2619	Microfilm Service	425.00		3,864.04		(-	
2650	Consulting Fees	-		375.00		1,500.00	25%
2682	Photographer Fees	312.78		2,709.45		6,000.00	45%
2699	Misc. Professional Fees	-		6,853.25		12,000.00	57%
2710	Fidelity Bond	-		10.00			
2720	Property Insurance	929.00		963.00		700.00	137%
2730	Liability Insurance	_		439.00		900.00	49%
2911	Radio-Newspaper Fees	_		173.44		300.00	58%
2912	Rewards-Premiums	-		32.76		500.00	6%
2914	License & Taxes	_		323.00		700.00	46%
2915	Dues	-		1,458.33		2,000.00	73%
2916	Freight	10.50		392.99		1,500.00	26%
2999	Miscellaneous	-		607.62		1,000.00	61%
	TOTAL FEES AND SERVICES	\$6,044.39	\$	78,418.23	\$	162,625.00	48%
0(10					2		
2618	Data Processing	\$ 124.67	<u>ş</u>	2,330.62	ş	4,500.00	52%
	TOTAL DATA PROCESSING	\$ 124.67	\$	2,330.62	Ş	4,500.00	52%

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OBJ. CODE	OB JECT DESCRIPTION	AUG. 1972 EXPEND.		1, '71 31, '72 ND.	B	UDGET	EXP. % OF BUDGET TIME STD. 58%**
3100 3105 3110 3120 3130	Office Supplies Central Reproduction Data Processing Supplies Printing Books, Maps, Subscription Films	\$ 814.96 115.27 	\$	9,270.13 1,174.35 990.83 1,994.60 3,058.75	\$	19,000.00 2,500.00 200.00 17,500.00 5,000.00 3,400.00	49% 47% - 6% 40% 90%
3132 3600 3700 3800	Hardware & Bldg. Supplie Petroleum Supplies Equipment Repair Parts Miscellaneous			38,710.02 16,010.26 14,163.64 85.28		50,000.00 35,000.00 29,000.00 2,000.00	77% 46% 49% 4%
3959	TOTAL SUPPLIES & MATERIA			85,457.86	Ş	163,600.00	52%
4100 4300 4400	Office Equipment Motor Vehicles Machines & Equipment	\$ - - -	\$	2,327.60 9,128.64 <u>351.45</u> 11,807.69	\$	1,500.00 23,000.00 500.00 25,000.00	155% 39% 70% 47%
7701	TOTAL EQUIPMENT Basins Commission	<u>\$ </u>		45,149.14	\$	60,000.00	75%
7721	West River Diversion	<u>\$ 9,598.01</u>	\$	44,502.08	Ş	100,000.00	44%
TOTAL	GENERAL OPER. APPROP.	\$ 57,861.40	\$7	41,256.88	\$1	,435,346.00	51%
5500	Contract Payments	\$ 32,496.46	\$ 6	65,011.55	\$1	,900,000.00	(2) 35%
TOTAL	STATE WATER COMM. BUDGET	\$ 90,357.86	\$1, ¹	06,268.43	\$3	,335,346.00	42%
	Appropriation \$831,071.0 Federal Grant 88,550.0 \$919,621.0	00		(2) Approp Est. (Fund	Cont	ract lection9	00,000.00 <u>00,000.00</u> 00,000.00

**14/24 months = 58 percent biennium elapsed

Dist: Comm. MWH ME KK

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