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NORTH DAKOTA STATE AGENCY

STATE OF

STATE
WATER
COMMISSION

NORTH DAKOTA

FOR THE PERIOD

July 1, 1979 to June 30, 1981



TC824.N9 A32 B1E

STATE OF

STATE
WATER
COMMISSION

NORTH DAKOTA

FOR THE PERIOD

July 1, 1979 to June 30, 1981

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ND STATE WATER COMMISSION
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**NORTH DAKOTA
STATE WATER COMMISSION**

**900 east boulevard
701-224-2750**

**bismarck 58505
north dakota**

November 13, 1981

Honorable Allen I. Olson
Governor of North Dakota
State Capitol
Bismarck, North Dakota 58505

RE: 1979 - 1981 Biennial Report

Dear Governor Olson:

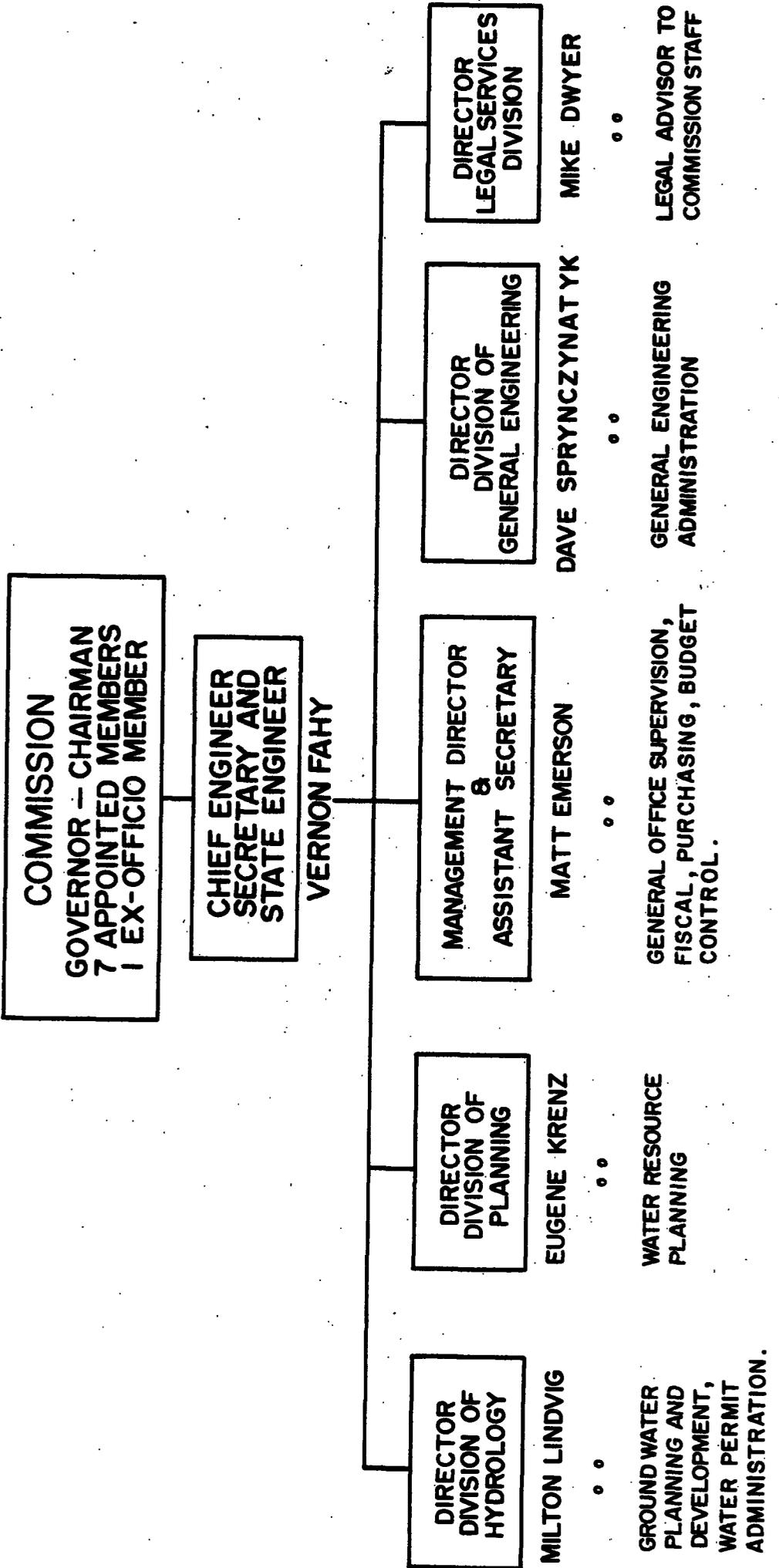
In compliance with North Dakota laws, we transmit for your information and consideration the Biennial Report of the State Engineer and State Water Commission for the period July 1, 1979 to June 30, 1981.

Respectively submitted,

A handwritten signature in cursive script, appearing to read 'Vernon Fahy', written over a faint, illegible typed name.

Vernon Fahy
Secretary & State Engineer

VF:mb



COMMISSION MEMBERS AS OF JULY 1, 1981

Commission Members:

Name	Position	Term Ends
Governor Allen I. Olson	Chairman	
Kent Jones	Ex Officio Member	
Ray Hutton	Member	July, 1987
J. Garvin Jacobson	Member	July, 1987
Bernie Vculek	Member	July, 1987
Alvin Kramer	Member	July, 1985
Henry Schank	Member	July, 1985
Ms Florenz Bjornson	Member	July, 1983
Guy Larson	Member	July, 1983

COMMISSION MEETINGS

Date	Location
July 25, 1979	Regent
August 23, 1979	Beulah
September 26, 1979	Bismarck
December 12, 1979	Fargo
February 29, 1980	Bismarck
April 2-3, 1980	Bismarck
June 2-3, 1980	Bismarck
July 14-15, 1980	Valley City
August 19-20, 1980	Bismarck
November 18-19, 1980	Bismarck
December 2, 1980	Bismarck
May 27, 1981	Bismarck
June 24, 1981	Bismarck

NORTH DAKOTA STATE WATER COMMISSIONFUNCTION

The Commission was created in 1937 by the 25th Session of the Legislative Assembly. Originally the Commission body was the Governor and six appointed members. In 1939 the Legislature reduced the number of members to five including the Governor; in 1949 the Commission was increased in size to seven members, and in 1981 to nine members.

The Commission has the duty and authority to investigate, plan, regulate, undertake, construct, establish, maintain, control, operate and supervise all works, dams and projects to achieve any of the following objectives: Provide water supplies for domestic, agricultural, municipal and industrial, irrigation, recreation and wildlife needs; control stream flow and channeling; provide for drainage of lands injured by excessive rainfall or water diversions; provide water for generation of electric power; develop and conserve waters within natural watersheds and provide for trans-basin diversion if deemed necessary; prepare and maintain a statewide master plan for future water resources development; and establish rules and regulations for the control of water supplies in the State.

The State Water Commission is located at the State Office Building near the State Capitol in Bismarck, North Dakota. The Commission is made up of the Governor as Chairman, the Commissioner of Agriculture as an ex officio member and seven appointed members who are appointed by the Chairman to serve terms of six years each. The terms of office for appointees are so arranged that two terms and not more than three terms shall expire on the first day of July of each odd numbered year. The Commission appoints a Secretary-State Engineer as their executive officer and he employs a staff as may be needed.

The State Engineer's role, during the 1981 Legislative Assembly, was separated from direct Water Commission authority although he remains as the Executive Officer for their activities. The State Engineer's duties are primarily in issuance of water permits and drainage permits, and to control any works used for storage, diversion or carriage of water.

In light of the responsibilities delegated by the State Legislature, the State Water Commission has promulgated a comprehensive state water resources program as follows:

1. Administration of the State's water laws and representation of the State's interest in water on federal and international levels;
2. Preparation and maintenance of a statewide master plan for future water resources development, including the collection of basic data;
3. Investigation and direction of planning of the development of water resources projects in accordance with the master plan;

4. Coordination of the program and projects of federal, state and local agencies in water resources planning and development and research; and cooperation with water management and other entities in planning and completing water resources development projects;

5. Organization of various types of legal entities through which water resources projects can be completed and operated;

6. Construction and repair of dams, drains and other water management facilities;

7. Appearances before federal agencies and congressional committees relative to appropriations and enactment of proposed legislation that may aid or oppose the state water resources development program;

8. Investigate or determine the ground-water availability in the state for municipal, agricultural and industrial uses.

ADMINISTRATIVE DIVISION

The Administrative Division provides the overall direction of agency powers and duties as described in the State Water Laws. The activities include both the State Engineer's and the Water Commission's operations as well as accounting, records and support services for all agency programs.

Some of the more major activities handled by the Division include: a biennial report done every two years, following guidelines set forth by the Office of Management and Budget. This includes a detailed Program Budget process for each Division with the Water Commission. Done on a semi-annual basis is fixed assets inventory control, which involves the proper marking, recording, and reporting of fixed assets and includes the related phases of internal control. The following three responsible duties are done on a monthly basis. First is the Cost Report, which involves recording expenditures by assigned cost centers for each division, as well as for special line items or special funds in the legislative budget; including program expenditures. Secondly, an Activities Report is to inform the Governor and Water Commission members of the over-all activities of the Water Commission during a given month. This information includes: personnel changes, water permits filed, general construction, ground water projects, survey report, general project reports, and meetings and public relations. The third is the Monthly Percentage Report, which interrelates the five separate Divisions of the Water Commission, indicating both budget and expended amounts which include: salaries, fees, data processing, supplies, equipment, contracts, and special assessments. Also included are the percentage figures relating to the biennial time.

In addition, other areas of concentration by this Division include: carrying out duties of the state engineer, management of commission programs

and activities, local, state, federal and international coordination, financial and work-project records, personnel functions, and secretarial duties including report preparation as well as staff support.

The major goals of the Administrative Division are the development and the management of the State's Water Resources to serve the needs of present and succeeding generations of North Dakota citizens.

PLANNING FOR WATER AND RELATED LAND RESOURCES

State Water Plan Update - During the biennium, work began in earnest on the update to the 1968 Interim State Water Resources Development Plan. Since 1968, several more detailed subbasin studies have been completed, including studies on the Goose, Knife, Heart, and Cannonball. During the past fiscal year, the major work activities of our Title III program were to include a public involvement program, goals and objectives definition, resources inventory, socio-economic baseline pilot study, environmental quality baseline assessment, and institutional reform.

Apple Creek Unit (Pick-Sloan) Study - The impetus of the Apple Creek Study is to assess the feasibility of using ground water as an alternate source of supply for federally-sponsored irrigation development in the Apple Creek Unit, Pick-Sloan Plan. The study is part of the overall feasibility investigation conducted by the U.S. Water and Power Resources Service.

Achieving the study's objective requires a better understanding of the ground-water flow system in the study area, the interactions between ground water and surface water, and the subsurface hydrogeology, in order to determine the effects of proposed development on existing wells, water quality, and surface-water bodies. Therefore, expansion of the data base concerning subsurface conditions and relationships is an integral part of the study.

During the fiscal year, 32,360 feet of test drilling were accomplished at a total of 134 sites. Observation wells were constructed at 75 of the sites and water samples collected from 31 of the wells for chemical analysis. Water levels were measured monthly in a network of 242 observation wells (including the 75 mentioned previously). Interpretation of the data to trace the sought-for relationships was by means of hydrogeological maps and cross-sections, and water-quality histograms.

Missouri River Basin Hydrology Study - The North Dakota State Water Commission invested considerable time and effort in the Missouri River Basin Hydrology Study throughout the fiscal year, but no Title III funds were utilized for this purpose. The State Water Commission representative was particularly involved in the management group of the study, but participated to a varying but lesser degree in all five work groups: Surface Water, Ground Water, Municipal and Industrial Use, Agricultural, and Systems (synthesizes data from other work groups). For the Municipal and Industrial Work Group, North Dakota provided all M & I water use data for the State. The work group that demanded the most work was the Agricultural Use Group, for which North Dakota provided irrigation estimates for the years 1944 to 1978. During the fiscal year, the North Dakota representative attended ten meetings concerned with the Missouri River Basin Hydrology Study. Currently the future of this study remains unclear due to Title II budget cuts.

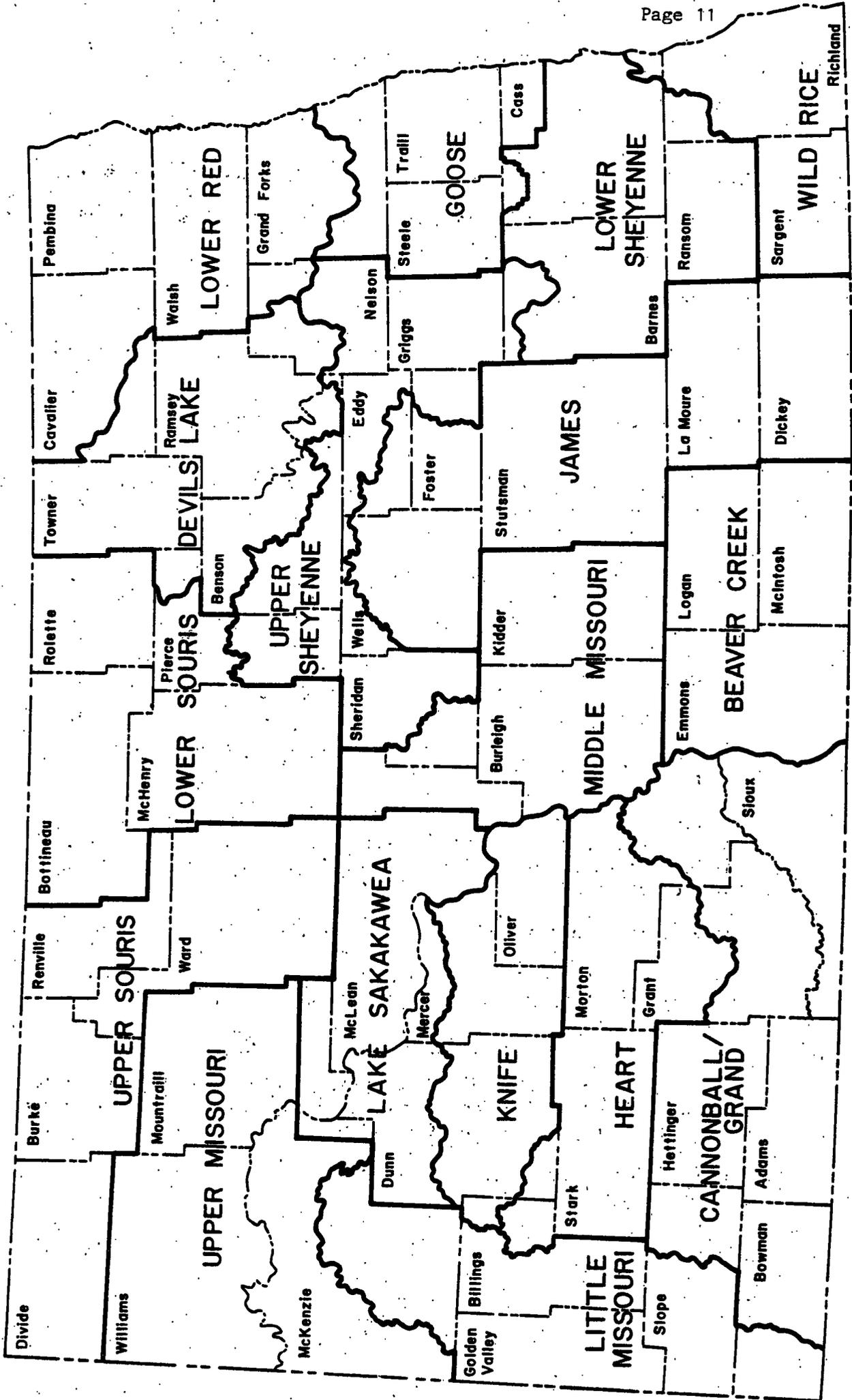
Public Participation in the Planning Program - During FY 1980, a great deal of work and preparation was accomplished toward the creation of a complex public involvement program aimed at public support for and successful implementation of the State Water Plan. One of the first activities completed was a survey of public participation efforts in water resources planning undertaken by the other 49 States. Our assessment of this information led us to realize that

considerably more time, effort, and expense, than originally anticipated, would be required to conduct a viable public involvement program. An outgrowth of this awareness was the creation of a new position, Public Involvement Specialist, in the Planning Division, and the filling of that position in July. Next, 17 separate public involvement regions, based on combined hydrologic/political lines, were delineated, and the organization of a separate Citizens Advisory Board for each was begun (see figure 1). These boards, ranging in size five to 13 members and representing both water management boards and the general public, will be holding their first meetings in the spring, and will provide assistance to the planning staff in goals/objectives definition and needs/problems/opportunities identification, as well as in alternatives development and solutions selection.

The second major public participation effort during this fiscal year involved the creation of a 30 minute film on North Dakota's water resource and the need for planning for wise management of it. This film, entitled Water: North Dakota's Liquid Treasure, should be completed by early spring, as the filming was done during the summer of 1980. This film will be utilized as an informational and educational tool at citizens advisory board meetings and in small group presentations, and will encourage people to become involved in the planning process.

PUBLIC INVOLVEMENT REGIONS

NORTH DAKOTA STATE WATER PLAN UPDATE



HYDROLOGY DIVISION

Goal

Development and management of the State's water resources to serve the needs of present and succeeding generations of North Dakota citizens.

Objectives

1. Identify the availability and quality of the State's ground-water resources on a county basis.
2. Conduct studies for municipalities and other public entities in an effort to seek a solution to a particular water supply problem.
3. Assess impacts on existing water supply development in an aquifer or watershed on water levels, streamflow and water quality for purposes of allocation and management.
4. Construction and operation of predictive models that simulate hydrologic conditions for the purpose of developing viable water management programs and assist in the equitable allocation of the resource in areas of development.
5. Collect, store and disseminate data on stream flow, ground-water levels, water quality and water use.
6. Provide orderly processing of water permit applications for the equitable allocation of the resource.
7. Provide recommendations on individual water permit applications to the State Engineer on the availability of water and impact on senior appropriations for the equitable allocation and management of the resource.
8. Provide for the orderly storage and retrieval of water permit records.
9. Maintain a record of the utilization of each conditional water permit and water right.

Project Activities - 1979-1981

1. County ground-water studies - completed studies in Logan, Ransom, Sargent, McHenry, and Sheridan Counties. Work underway in Bottineau, Rolette, Towner and McKenzie Counties.
2. City of Surrey water supply investigation.

3. Aquifer evaluation investigations

- A. Oakes aquifer - Dickey County
- B. Englevale aquifer - Ransom County
- C. Page aquifer - Cass and Steele Counties
- D. Spiritwood aquifer - Barnes, Stutsman, LaMoure, Dickey and Sargent Counties
- E. Edgeley aquifer - LaMoure County
- F. West Fargo - Cass County
- G. South Bismarck Water Table Study - Burleigh County

4. Basic Data Collection

- A. Streamflow
- B. Ground-water levels
- C. Water quality - chemical
- D. Water use

DIVISION OF ENGINEERING

The Division of Engineering provides for the issuance of permits for water resource project development, establishment of criteria and guidance for water management, and hydrologic investigations for quantification of surface water resources. In addition, activities include the design, construction, maintenance and inspection of Water Resource Projects in the State. The Division is also responsible for the distribution of maps, field notes, and government land office plats as directed by Section 61-03-11 of the North Dakota Century Code, and to ensure adequate map coverage is available by contracting with United State Geological Survey to map additional areas.

The major goals of the Division of Engineering are to manage and to ensure that the surface waters of the State are developed in an orderly and safe manner; that the waters in which the State has a direct interest are protected for future generations; to develop necessary water resource projects at the request of local entities in the State; and to satisfy public demands for availability of maps, field notes, and government land office plats.

During the 1979-81 Biennium, the Division of Engineering became involved in the examining and evaluating the role of the State in the National Flood Insurance Program. In order to do this, the State contracted with the Federal Government to conduct a thorough review of the National Flood Insurance Program in North Dakota. In addition, the contract provided for developing educational material on the National Flood Insurance Program for use by the general public and local government officials. The program also involved encouraging local units of government and the general public to become more familiar with flood plain management and to promote effective floodplain management in the State.

During the 1979-81 Biennium, the permit section processed 27 dam-dike permit applications and 175 applications to drain. Of the drainage permits, 22 were for large group or legal drains, 4 were for city drains, and the remainder were for private drainage. During the course of the biennium, assistance was provided to water management districts throughout the State in water management at the local level.

Preliminary engineering and hydrologic investigation reports were prepared for the following projects during the biennium:

Buffalo Lake (Pierce County - SWC #565);
 Dead Colt Creek Dam (Ransom County - SWC #1671);
 East Branch Shell Creek (Mountrail County - SWC #1656);
 Hidden Island Coulee (Towner County - SWC #1702);
 Horseshoe Lake Drain (Nelson, Walsh and Ramsey County - SWC #1668);
 Lower Mauvais Coulee (Benson and Ramsey County - SWC #1614);
 Minto Dam (Walsh County - SWC #448);
 Oak Creek Dam (Bottineau County - SWC #1324);
 Raney Slough (LaMoure County - SWC #1129);
 Richland County Drain #65 (Richland County - SWC #1207);
 Park River Snagging and Clearing (Walsh County - SWC #662);
 Apple Creek Flood Study (Burleigh County - SWC #331);
 Sheyenne River Snagging and Clearing (Barnes County - SWC #1344).

Major construction projects undertaken during the biennium included:

Indian Creek Dam Recreation area (Hettinger County - SWC #1556);
 Northgate Dam Spillway (Burke County - SWC #667);
 Minot Water Supply Dam (Ward County - SWC #782);
 Epping Dam Modification and Recreation area (Williams County - SWC #346);
 Grand Forks Riverside Park Dam (Grand Forks County - SWC #520).

Minor maintenance was performed at the following projects during the biennium:

Burlington Dams #1 and #2 (Ward County - SWC #221);
 Hoskins Lake (McIntosh County - SWC #484);
 Cottonwood Creek Dam (LaMoure County - SWC #1515);
 White Earth Dam (Mountrail County - SWC #327);
 Gascoyne Dam (Bowman County - SWC #557);
 Sentinel Butte Dam (Golden Valley County - SWC #574);
 Pheasant Lake Dam (Dickey County - SWC #501);
 Edmore Dam (Ramsey County - SWC #927);
 Harvey Dam (Wells County - SWC #671);
 Sheep Creek Dam (Grant County - SWC #1358);
 Long Creek Dam (Divide County - SWC #993);
 Sykeston Dam (Wells County - SWC #450);

Sheyenne Dam (Eddy County - SWC #518);
Cedar Lake Dam (Slope County - SWC #353);
Mott Dam (Hettinger County - SWC #249).

Under the Dam Safety Inspection Program, a total of 36 dams were inspected and reported on. Of these dams, 8 were considered to be in the high hazard class category, 18 were considered to be in the significant hazard class category, and the remainder were considered to be low hazard class. None of these inspections revealed unsafe structures.

During the Biennium, approximately 40,000 maps, field notes, and government land office plats were distributed to the public.

NORTH DAKOTA
STATE WATER COMMISSION
FUNCTION SUMMARY FOR BIENNIAL
PERIOD ENDING JUNE 30, 1981

FUNCTION NUMBER & DESCRIPTION	COST TO DATE
100 Administrative Division	00
110 Management, Including Commission Members	\$ 41,491.87
120 Fiscal Control and Records	1,510.30
130 Coordination, Personnel and Staff Support	6,477.44
200 Planning Division	435.60
210 Upper Mississippi River Basin Commission	33,692.91
211 Upper Mississippi River Basin Commission Assessment	18,150.00
220 Missouri River Basin Commission	62,331.22
221 Missouri River Basin Commission Assessment	22,031.90
230 State Water Plan Process	364,425.54
240 Special Studies	119,374.54
241 Payment To Contractors	77,613.69
250 State Inter-Agency Coordination	3,350.38
301 Administrative Functions	149,641.40
302 Field Work Related To Water Permits	28,775.84
303 Cancelling Water Permits	9,874.11
304 Computer Storage and Management	39,167.96
305 Hydrologic Studies	1,348.72
306 Design	716.65
307 Research	00
310 Report Publication	00
311 Preliminary Planning	149,396.36
312 Water Records	101,205.12
313 Geological Studies	00
314 Subsurface Exploration	601,443.03
315 Quality of Water Work	87,968.74
316 Aquifer Testing and Special Investigations	130,099.65
317 Data Compilation and Analysis	70,460.03
318 Report Preparation and Review	65,204.32
319 Special Investigations	96,710.81
320 Repay	412,330.88
321 Ground-Water - County Report	00
330 Ground-Water - Shop Related Act.	12,468.65
400 General Engineering	129,031.23
401 Administration, Microfilming, Filing, etc.	101,249.67
402 Training	10,822.60
403 Equipment Maintenance	90,714.40
404 Shop Maintenance	43,043.19
410 Definition and Protection of State Owned Lakes	1,274.63
411 Drainage Permits	43,937.82

Continued

412 Diking Permits	9,289.85
413 Flood Plain Management	85,261.88
414 Surface Water Permit Hydrology	8,775.49
415 Strip Mine and Energy Plant Regulation	12,219.73
416 Federal Permit Review	42.05
417 Inter Agency Coordination	94,508.00
418 Emergency Disaster Assistance	6,564.51
419 Intra Agency Coordination	18,951.08
420 Flood Control Project Hydrology	62,029.72
421 Drainage Project Hydrology	6,578.07
422 Recreation Project Hydrology	5,874.94
423 Water Supply Project Hydrology	4,630.86
424 Irrigation Project Hydrology	00
425 Streambank Erosion & Maintenance Hydrology	76.08
426 Snagging, Clearing & Channel Imp. Hyd.	52.16
430 Flood Control Project Investigation	103,215.18
431 Drainage Project Investigation	60,752.57
432 Recreation Project Investigation	24,066.32
433 Water Supply Project Investigation	7,804.62
434 Irrigation Project Investigation	00
435 Streambank Erosion & Maintenance Investigation	9,988.99
436 Snagging, Clearing & Channel Imp. Inv.	16,560.76
440 Flood Control Project Design	7,634.33
441 Drainage Project Design	14,660.79
442 Recreation Project Design	49,861.83
443 Water Supply Project Design	5,218.13
444 Irrigation Project Design	00
445 Streambank Erosion & Maintenance Design	595.93
446 Snagging, Clearing & Channel Imp. Design	1,982.19
450 Flood Control Project Construction	976.34
451 Drainage Project Construction	100,197.83
452 Recreation Project Construction	62,656.51
453 Water Supply Project Construction	21,706.48
454 Irrigation Project Construction	31.58
455 Streambank Erosion & Maintenance Construction	1,614.97
456 Snagging, Clearing & Channel Imp. Cons.	244.16
460 Flood Control Project Maintenance	12,585.11
461 Drainage Project Maintenance	398.52
462 Recreation Project Maintenance	486,723.16
463 Water Supply Project Maintenance	115,766.56
464 Irrigation Project Maintenance	5,175.97
465 Streambank Erosion & Maintenance	464.65
466 Snagging, Clearing & Channel Imp. Mtce.	56,939.60
470 Dam Safety Inspection	163,664.21
480 Topographic Map Sales	137,906.27
481 Field Note Sales & H & V Control	19,213.99
490 Contract Payments for Flood Control Projects	8,751.86
491 Contract Payments for Drainage Projects	146,111.64
492 Contract Payments for Recreation Projects	88,011.00

Continued

493	Contract Payments for Water Supply Projects	00
494	Contract Payments for Irrigation Projects	00
495	Contract Payments for Streambank Erosion & Mtce.	00
496	Contract Payments for S. & C. & CH. Imp.	42,900.00
500	Legal Division	19,663.98
510	Administrative Division Support	5,454.91
520	Planning Division Support	172.70
530	Hydrologic Division Support	6,538.22
540	Engineering Division Support	14,770.74
550	Interagency Coordination	35,278.21
	TOTAL	<u>\$5,298,886.43</u>

NOTE: 100 Series numbers are used for Administration

200	"	"	"	"	"	Water Resources Planning
300	"	"	"	"	"	Ground Water Hydrology
400	"	"	"	"	"	Water Resources Engineering
500	"	"	"	"	"	Legal Services

NORTH DAKOTA

STATE WATER COMMISSION

OBJECT EXPENDITURES FOR
BIENNIAL PERIOD ENDING JUNE 30, 1981

<u>OBJECT</u>	<u>EXPENDITURE</u>
Salaries and Wages	\$2,230,314.73
Temporary Salaries	34,617.24
Overtime	76,875.85
Paid Annual Leave	5,549.70
Oasis Assessment	3,272.40
Social Security	145,023.34
Hospital Insurance	92,997.05
Workmens Comp Premiums	13,719.40
Unemployment Insurance	8,482.72
State Retirement Contribution	94,377.84
Microfilm Service	5.25
In State Meals	58,242.38
Out of State Meals	9,226.80
In State Lodging	51,443.62
Out of State Lodging	12,557.74
In State Mileage	5,200.40
Out of State Mileage	936.88
Commercial Trans-Other	4,211.23
Commercial Trans-Air	52,275.74
Private Air Mileage	78.00
Miscellaneous Travel	4,057.39
Conference Expenses	3,666.00
Water-Garbage	344.69
Natural Gas	1,925.59
Electricity	2,573.53
Lease Rentals	11,919.81
Rent of Equipment-Including Films	3,361.07
Booth Rental	707.00
Office Equipment Rental	1,867.20
Rent of Building Space	35,254.36
Rents Not Classified	800.00
Postage & PO Box Rental	12,342.85
Telephone-Telegraph	17,218.48
Repair Equipment-Office	275.20
Repair Equipment-Automobiles	13,030.74
Repair Equipment-Other	7,105.53
Service Contract-Office Equipment	6,751.52
Repair Buildings Grounds	170.00
Repairs Not Classified	45.00
Legal	619.99
Audit	1,663.00
Engineers	310.50

Continued

Research Fee	1,873.00
Photographer	36,055.82
Professionals Not Class	196,172.13
Fidelity	80.00
Property	627.99
Liability	3,160.71
Film Processing	1,071.53
Moving Expenses	564.67
Radio-TV-Newspaper-Fees	4,118.89
Licenses-Taxes	732.50
Dues-Memberships	15,605.00
Freight and Express	610.11
Laundry and Dry Cleaning	45.60
Tuition Fees	550.00
Other Miscellaneous Fees	348.54
Data Processing Service	90,359.36
Microfilm Service	4,078.61
Office Supplies	24,578.09
CDP Special Forms-Resale	30.90
CDP Stock Cards	67.00
Central Reproduction	2,797.71
Printing-From Cen Repro	16,480.10
Printing-From Other	56,693.57
Books	8,387.81
Maps and Plats	31,054.90
Periodicals & Subcriptions	1,864.51
Photography Supplies	438.31
Uniforms	145.50
Lab Supplies	1,989.57
Janitorial	43.64
Seed	8.75
Drilling Supplies	22,756.99
Hardware & Building Supplies	13,174.38
Expendable Tools	1,144.20
Paint	168.39
Other Building & Equipment Supplies	7,883.86
Plumbing	86.81
Electrical	112.62
Equipment Repair Parts	156.05
Films	5,968.73
Advertising & Promotional Supplies	308.60
Supplies Not Classified	165.51
Metals, Lumber, Cement	11.90
Fuel and Oil	95,057.09
Motor Vehicle Tires	231.63
Repair Parts	47,142.94
Shop Equipment	1,108.98
Radio Equipment	2,605.22
Lab Equipment	26,005.84
Engineering Equipment	1,026.00
Equipment under \$100	840.43
Office Machines	28,757.72

Continued

Furniture & Furnishings	17,125.41
Motor Vehicles	74,717.61
Machinery & Other Equipment	6,273.29
Contractor Payments-Hwys.	7,000.00
Contractor Payments-Other	1,665,180.34
Professionals Not Classified	35,066.00
Special Assessment Taxes	<u>24,515.00</u>
TOTAL	\$5,529,890.71

NORTH DAKOTA STATE WATER COMMISSION

FUND SUMMARY FOR BIENNIAL
PERIOD ENDING JUNE 30, 1981

Account Description	Original Appropriation	Original Appropriation	Biennium to Date Revenues/Expenditures	Appropriation Balance
Sales Tax Suspense			\$ 357.65	\$ 357.65
Revenues	\$1,463,949	\$1,650,649	\$1,683,446.42	\$ 32,797.42
Transfer from 001	\$4,729,285	\$4,795,182	\$3,933,196.06	\$861,985.94
Total	\$6,193,234	\$6,445,831	\$5,617,000.13	\$828,830.87
Salaries and Wages	\$2,662,293	\$2,776,190	\$2,704,968.37	\$ 71,221.63
Operating Expenses	\$ 602,330	\$ 702,873	\$ 581,302.77	\$121,570.23
Central Data Processing	\$ 90,360	\$ 90,360	\$ 90,359.36	\$.64
Central Microfilm	\$ 5,000	\$ 5,000	\$ 4,078.61	\$ 921.39
Supplies and Materials	\$ 323,891	\$ 339,125	\$ 338,939.64	\$ 185.36
Equipment	\$ 139,845	\$ 162,768	\$ 158,460.50	\$ 4,307.50
Contracts	\$2,305,000	\$2,305,000	\$1,667,836.34	\$637,163.66
West River Sup. District	\$ 40,000	\$ 40,000	\$ 35,066.00	\$ 4,934.00
Special Assessments	\$ 24,515	\$ 24,515	\$ 24,515.00	\$.00
Total	\$6,193,234	\$6,445,831	\$5,605,526.59	\$840,304.41
			FUND CASH BALANCE	\$11,473.54

NOTE: \$638,500 in Contract funds approved for carryover to dedicated projects.

STATE WATER COMMISSION
1979-81 BIENNIUM
COLLECTIONS REPORT
JUNE 30, 1981

	Leg. Assembly Appropriation 79-81 Biennium	Adjusted By Emergency Commission	Collection Goal 79-81 Budget	Collected June 30, 1981	Balance
General Operation	\$ 223,949		\$ 223,949	\$ 223,949	
Contract Fund	\$ 860,000		\$ 860,000	\$ 963,230	\$103,230 Over
Water Resource Planning	\$ 120,000	\$114,200	\$ 234,200	\$ 225,760	\$ 8,440
Dam Safety Program	\$ 160,000		\$ 160,000	\$ 136,635	\$ 23,365
Federal Emergency Management		\$ 65,000	\$ 65,000	\$ 12,500	\$ 52,500
Small Scale Hydro. Electric		\$ 7,500	\$ 7,500		\$ 7,500
Water Data Program	\$ 60,000		\$ 60,000	\$ 60,000	
West River Water Supply	\$ 40,000		\$ 40,000	\$ 40,000	
TOTALS	\$1,463,949	\$186,700	\$1,650,649	\$1,662,074	\$ 11,425 Over

NOTE: Collection balance not adjusted by object credits to fund cash balance on fund summary report.

Resources Available From The Agency

1. Minutes of meetings held may be obtained by writing to:

State Water Commission
State Office Building
Bismarck, ND 58505

2. Data available for public use include:

- a. Government Land Office Plats
- b. Survey Horizontal and Vertical Control
- c. Various Topographic Maps
- d. Water Permit Data
- e. Drainage Permit Data
- f. Stream Flow Data

3. Additional publications prepared by the Agency:

- a. Oxbow Newsletter
- b. Floodplain Management Pamphlet
- c. State Water Plan Outline
- d. Public Involvement Program
- e. Ground Water Studies
- f. Dam Safety Inspection material
- g. Field Survey material

SUMMARY
WATER PERMITS

For Period July 1, 1979 through June 30, 1981

APPLICATIONS FILED	310
APPLICATIONS APPROVED	155
APPLICATIONS (PORTION OF REQUEST APPROVED)	20
APPLICATIONS DENIED, VOIDED OR WITHDRAWN	7
APPLICATIONS PENDING (June 30, 1981)	128

Irrigation - Filed

217	
Acre-Feet Requested	86,503.32
Acres Requested	53,907.31
Approved or Portion Approved	100
Acre-Feet Approved	30,696.02
Acre-Feet Held in Abeyance	7,957.7
Acres Approved	19,297.22
Acres Held in Abeyance	4,789.2
Pending	111
Acre-Feet Pending	41,045.7
Acres Pending	26,576.61
Denied, Withdrawn or Voided	7
Acre-Feet Denied, Withdrawn or Voided	6,803.9
Acres Denied, Withdrawn or Voided	3,350.08

Municipal - Filed

26	
Acre-Feet Requested	7,748.7
Approved	18

Municipal - continued

Acre-Feet Approved	5,104.2
Acre-Feet Pending	1,853.0
Acre-Feet Denied or Withdrawn	791.5

Recreation - Filed 3

Acre-Feet Storage Requested	80.0
Acre-Feet Annual Use Requested	57.0
Approved	3
Acre-Feet Storage Approved	80.0
Acre-Feet Annual Use Approved	57.0

Stockwater - Filed 1

Acre-Feet Storage Requested	78.6
Acre-Feet Annual Use Requested	23.4
Approved	1
Acre-Feet Storage Approved	78.6
Acre-Feet Annual Use Approved	23.4

Fish and Wildlife - Filed 3

Acre-Feet Storage Requested	354.1
Acre-Feet Annual Use Requested	12
Approved	3
Acre-Feet Storage Approved	348.9
Acre-Feet Annual Use Approved	120.3
Acre-Feet Storage Denied	5.2

Industrial - Filed 43

Acre-Feet Storage Requested	90.0
Acre-Feet Annual Use Requested	19,580.93
Approved	38
Acre-Feet Storage Approved	0
Acre-Feet Annual Use Approved	4,832.8
Acre-Feet Held in Abeyance	1,364.0
Pending	5
Acre-Feet Storage Pending	90.0
Acre-Feet Annual Use Pending	13,099.13
Acre-Feet Annual Use Denied	285.0

Municipal (Rural Domestic) - Filed 17

Acre-Feet Requested	4,022.5
Approved	12
Acre-Feet Approved	2,023.5
Acre-Feet Pending	699.0
Acre-Feet Denied	1,300.0

WATER PERMITS

Pending from Fiscal Years 1977 and 1979

APPLICATIONS WITH PENDING STATUS (July 1, 1977).....	225
APPLICATIONS WHICH HAVE BEEN APPROVED.....	107
APPLICATIONS WHICH HAVE BEEN APPROVED WITH BALANCE HELD IN ABEYANCE	69
APPLICATIONS DENIED, VOIDED OR WITHDRAWN	46
APPLICATIONS REMAINING IN PENDING STATUS (June 30, 1979).....	3

Irrigation - Pending (July 1, 1977) 200

Acre-Feet Requested	114,982.14
Acres Requested	66,797.09
Acre-Feet Approved	35,535.1
Acres Approved	29,313.77
Acre-Feet Denied, Voided or Withdrawn	45,094.94
Acres Denied Voided or Withdrawn	21,949.7
Acre-Feet Requested (Remaining Pending).....	961.0
Acres Requested (Remaining Pending)	625.1
Acre-Feet Requested (Balance Held in Abeyance)	33,391.1
Acres Requested (Balance Held in Abeyance)..	14,908.52

Municipal - Pending (July 1, 1977) 9

Acre-Feet Requested	1,672.8
Acre-Feet Approved	888.8
Acre-Feet Denied, Voided or Withdrawn	784.0
Acre-Feet Requested (Remaining Pending)	0

<u>Industrial</u> - Pending (July 1, 1977)		10
Acre-Feet Requested	878.24	
Acre-Feet Approved	599.04	
Acre-Feet Denied	3.0	
Acre-Feet Requested (Remaining Pending)	276.2	
 Municipal (Rural Domestic) - Pending (July 1, 1977)		1.
Acre-Feet Requested	28.0	
Acre-Feet Approved	28.0	
Acre-Feet Requested (Remaining Pending)	0	
 Recreation - Pending (July 1, 1977)		4
Acre-Feet Requested	520.12	
Acre-Feet Approved	66.4	
Acre-Feet Denied, Incomplete or Voided.	453.72	
 Livestock, Fish and Wildlife - Pending (July 1, 1977) ...		2
Acre-Feet Storage Requested	93.0	
Acre-Feet Annual Use Requested	26.7	
Acre-Feet Storage Approved	93.0	
Acre-Feet Annual Use Approved	26.7	

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