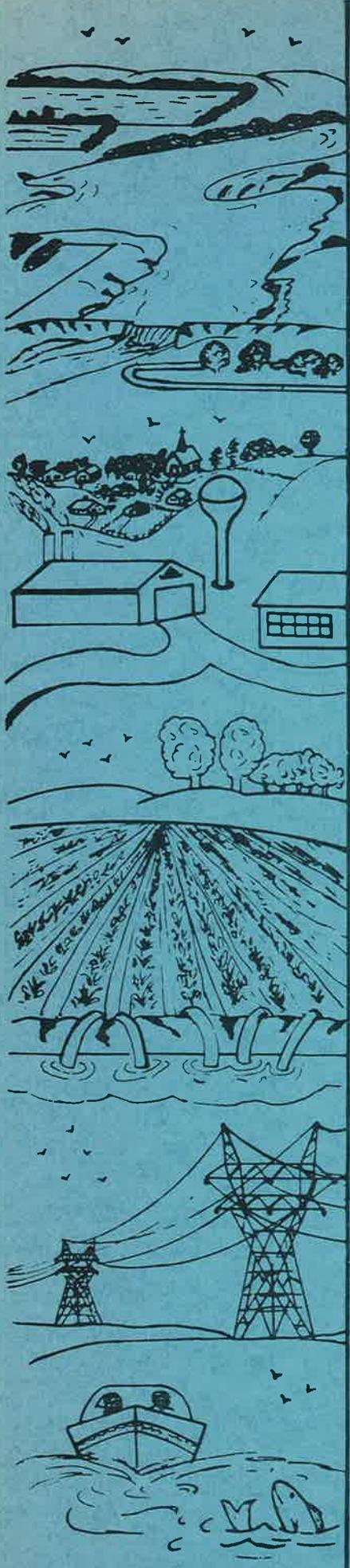


Report of  
**NORTH DAKOTA STATE WATER COMMISSION**  
 State Office Building  
**BISMARCK, NORTH DAKOTA**  
 58501

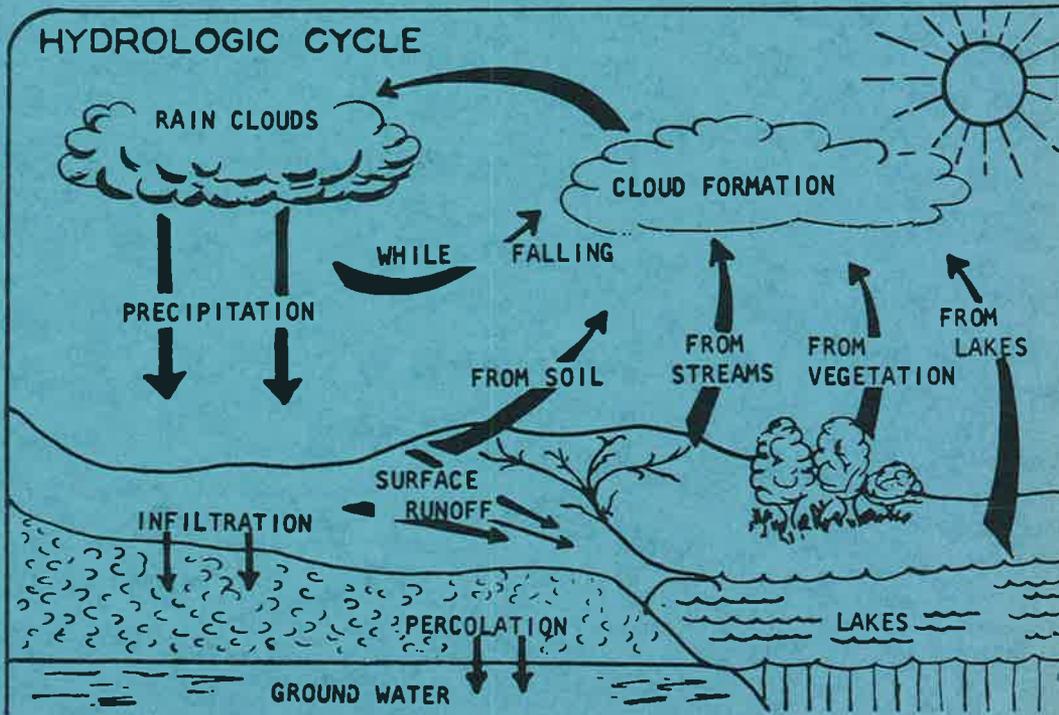
**NEW ROCKFORD DAM AND RECREATION COMPLEX**  
**EDDY COUNTY**  
 SWC PROJECT #656 - SORA PROJECT #14-11

Prepared in cooperation with  
 Eddy County Park Board  
 State Game and Fish Department  
 State Outdoor Recreation Agency

December 13, 1968



**HYDROLOGIC CYCLE**



NORTH DAKOTA STATE WATER COMMISSION

PROJECT REPORT

NAME: New Rockford Dam and Recreation Complex, Eddy County  
PROJECT: SWC #656 - SORA #14-11  
SPONSOR: Eddy County Park Board  
DATE: December 13, 1968

TABLE OF CONTENTS

1. Transmittal Letter
2. BOR Project Proposal Form 8-91 (Development)
3. Justification Report
4. State Map Showing Project Location
5. Construction Cost Estimate, Design and Hydrology Report
6. Economic Feasibility Report
7. Cost Participation Agreement
8. Project Assurances by Eddy County Park Board (SORA Form #2E)
9. Civil Rights Act Assurance (DI Form 1350)
10. Water Permit #1616
11. Permit to Construct Dam (SWC Form 110)
12. Board of County Commissioners' Approval
13. Lease of Land - City to Park Board
14. Maps: SWC #6459-656-6 "Reservoir Topography"  
SWC #6915-656-7 "Site Topography (West End)"  
SWC #6935-656-8 "Site Topography (East End)"
15. Plans: SWC #7011-656-9 "Inlet Structure"  
SWC #7012-656-10 "Outlet Structure"  
SWC #6459-656-6A "Recreation Area"

# North Dakota State Water Commission

State Office Building

(701) 224-2750

Bismarck, North Dakota 58501

December 13, 1968

John Greenslit, State Liaison Officer  
State Outdoor Recreation Agency  
State Office Building, 900 Boulevard  
Bismarck, North Dakota 58501

RE: New Rockford Dam and Recreation  
Complex - SWC Project #656

Dear Mr. Greenslit:

Enclosed are seven (7) copies of a development proposal for the New Rockford Dam and Recreation Complex in Eddy County. The proposal was prepared by the State Water Commission in cooperation with the State Game and Fish Department and the Eddy County Park Board, the project sponsor.

Please submit the proposal to the Bureau of Outdoor Recreation for a grant from the Land and Water Conservation Fund. We appreciate the cooperation of the State Outdoor Recreation Agency and others who assisted in the preparation of the report.

Sincerely yours,



Milo W. Hoisveen  
Engineer-Secretary

MWH:JS:ka

cc: Eddy County Park Board  
State Game & Fish Department  
Commissioner Dushinske

Governor William L. Guy  
Chairman  
Richard P. Gallagher  
Vice Chairman-Mandan

Harold Hanson  
New England  
Russell Dushinske  
Devils Lake

Henry J. Steinberger  
Donnybrook  
James Jungroth  
Jamestown

Arne Dahl, Ex-Officio Member  
Comm. of Agriculture & Labor  
Milo W. Hoisveen, Secretary  
Chief Engineer & State Engineer

DEPARTMENT OF THE INTERIOR  
BUREAU OF OUTDOOR RECREATION  
PROJECT PROPOSAL - DEVELOPMENT

LEAVE BLANK FOR BOR USE ONLY

Date Received	Priority	Project Number
---------------	----------	----------------

Project Officer

Use this form for submission of individual projects which will develop lands and waters to facilitate their use by the public for outdoor recreation. If concurrent Acquisition is being undertaken, check here

SECTION 1

1. State or Territory North Dakota	2. Name and address of agency responsible for project Eddy County Park Board, c/o James Johnson, Secretary, Box 666, New Rockford, North Dakota 58356
---------------------------------------	---

3. Project Title  
New Rockford Dam & Recreation Complex, Eddy County, SORA Project #14-11

4. Brief description of project  
Located adjacent to the City of New Rockford (population 2,200) on the James River, the project includes constructing a dam creating a 12 acre reservoir with a 200 acre-foot capacity and a maximum depth of 20 feet. Facilities are to be installed to provide for fishing, picnicking, playing outdoor games and general public use. The project is designed to provide for current and projected water-related outdoor recreation needs as stipulated in the State Outdoor Recreation and Water Resources Plans. General area development is planned to enhance the area's natural beauty.

SWC #656

5. Duration of project from 4-1-69 to 12-31-69	6. Federal assistance requested \$19,800	7. Recommended priority A
---	---	------------------------------

8. Name, Organization, and Title of individual having day-to-day responsibility for direction of project James Johnson, Secretary Eddy County Park Board New Rockford, North Dakota 58356	9. Name and Address to appear on check Milo W. Hoisveen, State Fiscal Officer State Office Building Bismarck, North Dakota 58501
--	---

10. TERMS AND CONDITIONS: In submitting this Project Proposal, the State hereby accepts the Terms and Conditions set forth in the BOR Grants-in-Aid Manual, which will be a part of the Project Agreement for any grant awarded under this proposal.

11. CERTIFICATION: As the official designated to represent the State and act for the State for purposes of the Land and Water Conservation Fund Act, I recommend that assistance be made available from the Fund, when monies are available, in accordance with the recommended priority. No financial assistance has been given or promised under any other Federal program or activity with regard to the proposed project. The State or public agency to be responsible for the proposed project has the ability and intention to finance its share of the costs of this project. The Applicant will not discriminate against any person on the basis of race, color, or national origin in the use of any property or facility acquired or developed pursuant to this proposal, and shall comply with the terms and intent of Title VI of the Civil Rights Act of 1964, P. L. 88-354 (1964), and of the regulations promulgated pursuant to such Act by the Secretary of the Interior and contained in 43 CFR 17.

(Signature)

John Greenslit

(Name)

(Date)

State Liaison Officer

(Title)

12. For State use  
Dist  
SORA (7)  
Eddy Co. Pk. Bd.  
Game & Fish Dept.  
Comm. Dushinske  
SWC (10)

December 13, 1968

SECTION 11 - TABULAR SUMMARY OF PROJECT ELEMENTS AND COSTS

Identify the phase or element of the Development Project suggested by the line items. Indicate additional breakdown of work elements necessary and desirable to allocate work assignments and costs.

	DATE OF		ESTIMATED COST	TOTAL ESTIMATED COST		\$ 39,600	
	BEGINNING	COMPLETION		Amount of Federal development assistance requested		19,800	
DEVELOP SITE PLANS & SPECIFICATIONS				Source of remainder of funds			
A.				Eddy County Park Board			
B.				State Game & Fish Department			
				State Water Commission			
DEVELOP CONSTRUCTION PLANS AND SPECIFICATIONS				FOR CONCURRENT ACQUISITION AND DEVELOPMENT PROJECT SUBMISSIONS			
A.				Total estimated acquisition value	\$		
B.				Total estimated development costs	\$		
PREPARE SITE				TOTAL		\$	
A.				Total amount of Federal assistance requested	\$		
B.				Source of remainder of funds			
UNDERTAKE CONSTRUCTION							
A. Dam & Recreation Facilities	4/1/69	12/31/69	39,600				
B.							
OTHER							
A.				Land	Water	Land	Water
B.						68	12

SECTION 111 - ATTACHMENTS

**"No other Federal funds have been requested for this project."**

Attach, by reference number, the following supplemental documents necessary to process this Development Project Proposal:

- D-660-1 *Project Plan and Justification.* A. Description of how the proposed project is in accord with the State outdoor recreation plan and would help meet priority needs identified in the plan. B. Summary of area, its nature and relation of development to the area. Indicate how the natural beauty of area will be enhanced. C. Descriptive outline of proposed accomplishments with funds requested. Indicate contemplated other uses of the area. D. List of names of organizations which will undertake the development and how this will be performed. E. Economic feasibility data, or other types of data to indicate extent and kind of use to be made of the completed area or facility. F. Plans for operations and maintenance.
- D-660-2 *Maps and Charts.* A. Simple site plans or maps showing total area, in addition to area to be developed. Annotate to show plans for, or existing streets, highways, waterlines, sewers, etc. to be located on or near the area. (Key to allow location within State, County, or city.) Indicate uses now made of the area by applicant or other agencies or individuals. B. Description of all legal rights to the area to be held by applicant and any other person or organization.
- D-660-3 *Agreements.* A. Agreements or arrangements made with other organizations for participating in project, including operation and maintenance of completed facility.

The terms shown below need *not* be submitted with the project proposal. However, during the course of execution of an approved project, the applicant should be prepared to submit them to the Bureau for review, as follows:

- D-660-4 *Plans.* A. Site plans, specifications and cost estimates. B. Construction plans, specifications and cost estimates. These *must* be submitted for review and approval before construction may proceed on a structure to cost in excess of \$100,000.
- D-660-5 *Contracts.* A. Copies of pertinent contracts, as specifically required by the Bureau of Outdoor Recreation.

NORTH DAKOTA STATE WATER COMMISSION

Development Project Justification Report

New Rockford Dam and Recreation Complex, Eddy County  
SWC Project #656  
SORA Project #14-11

December 13, 1968

D:660-1. PROJECT PLAN AND JUSTIFICATION

A. State Plan Accord

The New Rockford Dam and Recreation Complex will provide outdoor recreation opportunities for fishing, picnicking, and playing outdoor games and sports.

"Outdoor Recreation in North Dakota", the State Plan, (page 42, paragraphs 4, 5, and 8) states: "Planning Region V has generally adequate areas and facilities for boating, water skiing, swimming beaches, ice skating, playing outdoor games and sports, and for attending outdoor sports and cultural events to meet the needs of residents as projected to 1980. There may be instances of local unmet needs for these activities."

"Acquisition and development programs should generally be directed towards providing areas and facilities for fishing, swimming pools, camping, hunting, bicycle trails, horseback trails, picnicking, hiking and walking trails, scenic drives, sledding, tobogganing, and snow skiing. Action by all levels of government and by the private sector must be expanded if the growing future needs of the region are to be met."

"Action programs should give consideration to providing water oriented recreation for the region's residents and visitors."

The project is in accord with the state comprehensive outdoor

recreation plan and will serve to meet priority needs identified in the plan. It is accorded Bureau of Outdoor Recreation priority designation "A".

  
John Greenslit, State Liaison Officer

B. Summary of Area

The proposed project is to be located adjacent to the City of New Rockford in Eddy County, North Dakota, on the James River.

Topography is ideal for the installation of a structure to retain a 12 surface acre reservoir for water-related outdoor recreation purposes in an 80 acre tract. There are no power lines in the area contemplated for development. Power lines required for operation of facilities are to be brought into the area underground. There are no pollution or flooding problems at the proposed reservoir and recreation area. The structural design of the inlet and outlet are fully explained in the Design report and plans for construction are included as a part of this proposal. General layout of the project features contemplates enhancement of the area's appearance and add to the James River Valley's natural beauty.

C. Outline of Project Features

A dam is planned which will create a 12 acre reservoir with a 714 square mile drainage area, 200 acre-feet capacity and 20 feet maximum depth. A detailed cost estimate, design and hydrology report are included with this proposal. The water has been allocated, by permit of the State Engineer, to recreation.

The land for the reservoir and public use recreation areas adjacent

to the reservoir are owned by the City of New Rockford which has leased the area in perpetuity to the project sponsor, Eddy County Park Board.

Recreation facilities are to be installed by the Eddy County Park Board for public use activities such as fishing, picnicking, and playing outdoor games. No charges are anticipated at the project for use of the area for recreational purposes. A detailed cost estimate for the recreation facilities phase of the project is included with this proposal.

In summary, the project costs and allocations are as follows:

<u>PROJECT PARTICIPANTS</u>	<u>DAM &amp; RECREATION FACILITIES</u>
Eddy County Park Board	\$ 10,800.00
State Water Commission	7,000.00
State Game & Fish Department	2,000.00
Bureau of Outdoor Recreation	<u>19,800.00</u>
TOTAL	<u>\$ 39,600.00</u>

D. Organizations and Coordination

During the project formulation process numerous conferences were held among the participating agencies and interested citizens. Coordination of each project phase will be continued among all interested entities as development activities proceed.

Primary agencies and their responsibilities include:

1. Project Sponsor - Eddy County Park Board
2. Grant Administration - State Outdoor Recreation Agency
3. Dam Construction - North Dakota State Water Commission  
with Contract Forces

4. Recreation Facilities - Eddy County Park Board and  
State Water Commission

5. Financing - Bureau of Outdoor Recreation, Eddy County  
Park Board, State Game & Fish Department,  
and State Water Commission

E. Economic Feasibility

The project will serve a 30 mile radius area with an estimated 50,000 population. Anticipated annual visitations are 15,000 with an assumed economic value of \$1.50 per visitation. Annual operation and maintenance costs are estimated at \$1,000 and depreciation at \$1,320 for total annual costs of \$2,320. Average annual net economic benefits are estimated at \$20,180.

Assuming the \$39,600 total costs allocated to outdoor recreation were invested and compounded at 4% for 30 years, the estimated project life, we would have a product of \$128,439. With net annual benefits of \$20,180 over the project's 30 year life, we would receive \$603,240 in economic benefits indicating a benefit-cost ratio of 4.7 to 1.

A project economic feasibility report is included with this proposal (SORA Form #28).

F. Operation and Maintenance

The Eddy County Park Board will operate and maintain the project with technical assistance from the North Dakota State Game and Fish Department and State Water Commission. The area will be open to the public at all times. Operation and maintenance funds are obtained from ad valorem taxes levied by the Eddy County Park Board.

D:660-2. MAPS AND CHARTS

A. Included with this project proposal are the following maps and supporting data:

1. State map showing project #14-11 location
2. Design and Hydrology Report
3. Water Permit #1616 and SWC Form 110 - "Permit for Construction of Dam"
4. SWC Map #6459-656-6 "Topography"  
#6915-656-7 "Topography"  
#6935-656-8 "Topography"

D-660-3. AGREEMENTS

A. The following are included with this proposal:

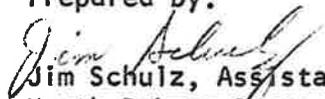
1. Eddy County Board of Commissioners' Approval
2. Eddy County Park Board Project Assurances and Civil Rights Act Assurances
3. Cost Participation Agreement among Eddy County Park Board, State Game and Fish Department, and State Water Commission
4. Lease of Land to Park Board from City of New Rockford

D:660-4. PLANS

A. Construction plans for the project are included as follows:

1. SWC Map #7011-656-9 "Inlet Structure"
2. SWC Map #7012-656-10 "Outlet Structure"
3. SWC Map #6459-656-6A "Recreation Area"

Prepared by:

  
Jim Schulz, Assistant Secretary  
North Dakota State Water Commission

JS:ka  
Dist.

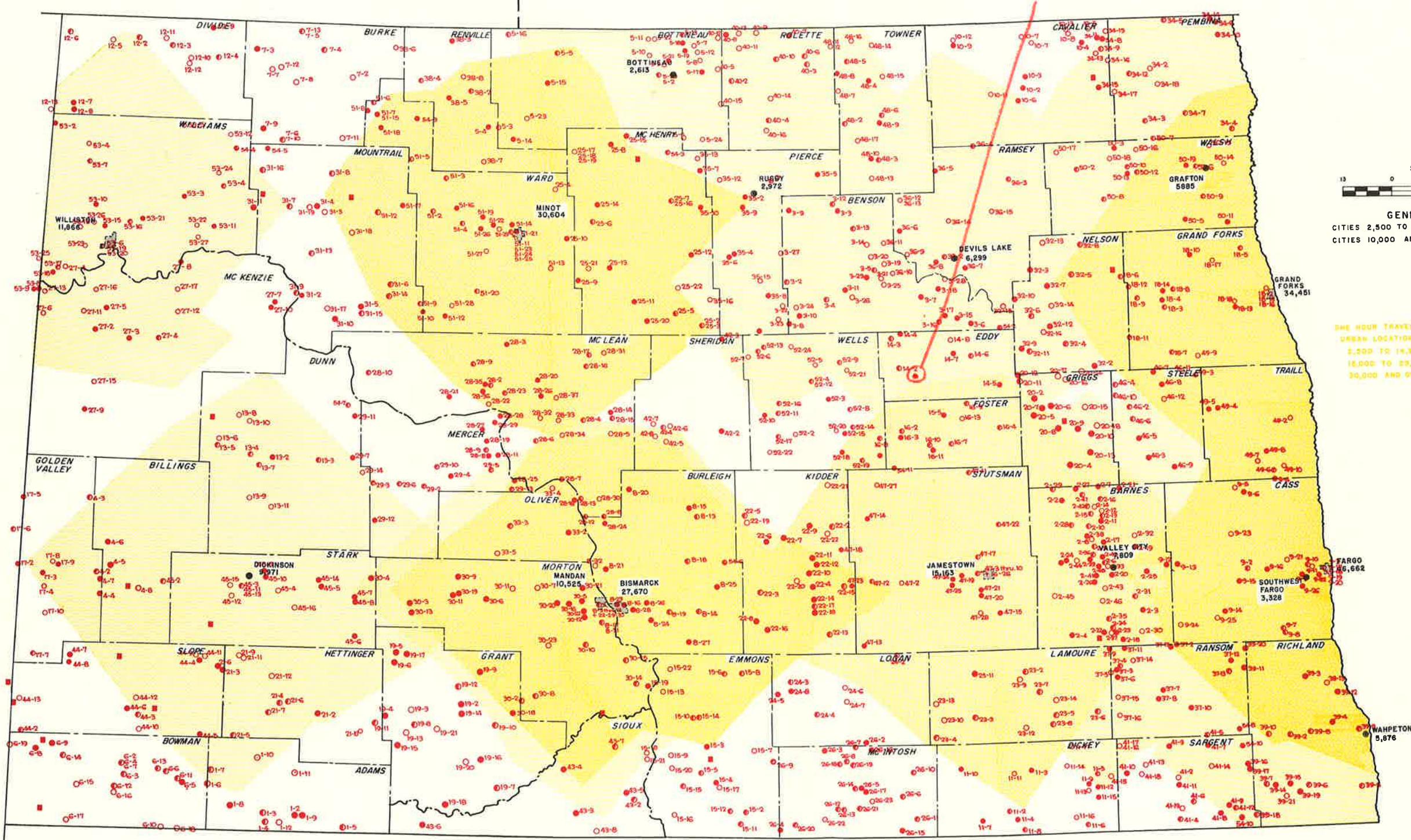
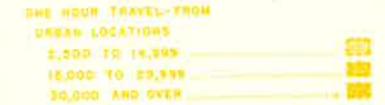
SORA (7); Eddy Co. Pk. Bd.; Comm. Dushinske; Game & Fish Dept.; SWC (10)

#14-11

# Map No. 3 - Generalized Extent of One Hour Travel from 1960 Urban Locations in North Dakota



**GENERAL LEGEND**  
CITIES 2,500 TO 9,999  
CITIES 10,000 AND OVER



**LEGEND**  
● EXISTING RECREATION AREAS  
○ POTENTIAL RECREATION AREAS  
⊙ EXISTING & POTENTIAL RECREATION AREAS  
■ POINTS OF GEOLOGIC INTEREST

NORTH DAKOTA STATE WATER COMMISSION

OFFICE MEMO

MEMO TO: Milo W. Hoisveen, Chief Engineer  
FROM: Delton D. Schulz, Office Engineer  
SUBJECT: New Rockford Dam, SWC Project #656 - Design of Dam and Reservoir, Recreation Area and Facilities, and Construction Cost Estimates Report  
DATE: May 17, 1968

D E S I G N

New Rockford Dam is located in Section 30, Township 149 North, Range 66 West in Eddy County adjacent to the James River. The dam or reservoir area is actually in existence but is not developed. That is, the facilities presently in place are inadequate and deteriorated to such degree that it does not maintain the reservoir water level to where it will sustain fish life during the winter months as well as becoming unsightly as reservoir waters lower.

The project is rather unique, in that high flows of the James River will flow into the reservoir area as well as follow the James River. As flows recede, the flap gate on the inlet structure will close and retain the high water level within the reservoir. The reservoir depth was attained by excavating the area. Extreme flows will cause a change or circulation of waters through the reservoir by entering the west end inlet structure, building up within the reservoir and flowing out of the east end outlet structure.

As proposed, the crest of all dikes and earthfill embankments will be established at mean sea level elevation 1524.0. The water control elevation is to be established at 1518.0 which will provide 6.0 feet of freeboard to contain waters within the reservoir. All newly constructed dikes and earth embankments will be faced with 18 inches of rock riprap on a 6 inch gravel

base to prevent erosion. These areas will be protected from elevation 1515.0 to elevation 1520.0.

The inlet structure proposed consists of a reinforced concrete box type screened structure and a 24 inch corrugated metal pipe extending laterally through the embankment, and a flap gate is attached to the reservoir end of the metal pipe. The expanded metal screen on the structure is to prevent "rough fish" from entering the reservoir area. The base of the inlet structure is to be established at elevation 1506.5, and the invert of the reservoir end of the corrugated metal pipe is to be established at elevation 1499.0.

The outlet structure consists of a 42 inch corrugated metal pipe set vertically with an expanded metal screen inlet and a 24 inch corrugated metal pipe extending laterally through the embankment. The crest of the 42 inch pipe is to be established at elevation 1518.0, and the invert of the 24 inch outlet pipe is to be established at elevation 1507.0.

Following are physical features of the project:

- A. Drainage Area - 714 square miles
- B. Control Water Surface Elevation - 1518.0
- C. Reservoir Capacity at Control Elevation - 200 acre-feet
- D. Reservoir Area at Control Elevation - 12.0 acres
- E. Maximum Depth of Water - 20.0 feet
- F. Height of Dam - 24.0 feet

Area capacity curve of the reservoir is attached.

#### R E C R E A T I O N   A R E A   A N D   F A C I L I T I E S

Also incorporated in this project will be landscaping of the general area along the perimeter of the reservoir as well as providing roadways,

parking areas and numerous public use facilities. Landscaping will include the planting of trees, etc., to enhance the aesthetics of the overall project.

The recreation facilities to be constructed or placed within the area include picnic tables, shelters, fire places, trash receptacles, comfort station, drinking fountain, swing set, slide, dome whirl and sand box.

C O S T E S T I M A T E S

DAM AND RESERVOIR

West End

Stripping, placing topsoil and pulling sheet piling	\$ 500.00
Embankment (Compacted), 1500 cubic yards @ 60 cents	900.00
24" CMP Bituminous coated-16 gage, 124 lin.ft. @ \$20	2,480.00
24" flap gate on 2' section	225.00
Reinforced concrete, 3 cubic yards @ \$150	450.00
Rock riprap, 600 cubic yards @ \$6.50	3,900.00
Gravel, 200 cubic yards @ \$2	400.00
Screen unit, Lump Sum	100.00
Seeding, 2 acres @ \$100	200.00
Steel reinforcement, 275 lb. @ 20 cents	<u>55.00</u>
Total	\$9,210.00

East End

Stripping and placing topsoil, Lump Sum	\$ 500.00
Embankment (Compacted), 1500 cubic yards @ 60 cents	900.00
24" CMP Bituminous coated 16 gage, 80 ft. @ \$20	1,600.00
42" CMP Bituminous coated 14 gage, 6 ft. @ \$30	180.00
Rock riprap, 350 cubic yards @ \$6.50	2,275.00
Gravel, 150 cubic yards @ \$2	300.00

East End - Continued

Reinforced concrete, 2 cubic yards @ \$150	\$ 300.00
Trash rack, Lump Sum	100.00
Seeding, 2 acres @ \$100	200.00
Steel reinforcement, 208 lb. @ 20 cents	<u>41.60</u>
Total	\$6,396.60

North Side Embankment

Stripping and replacing topsoil, Lump Sum	\$ 100.00
Embankment (Compacted), 320 cubic yards @ 60 cents	<u>192.00</u>
Total	\$ 292.00

South Side Embankment

Stripping and replacing topsoil, removing pipe, etc., Lump Sum	\$ 300.00
Embankment (Compacted), 800 cubic yards @ 60 cents	480.00
Seeding, 1 acre @ \$100	<u>100.00</u>
Total	\$ 880.00

COMBINED TOTAL PROJECT QUANTITIES DAM AND RESERVOIR

Stripping, placing topsoil and removing old pipe lines and piling, Lump Sum	\$1,400.00
Embankment, 4120 yd. <sup>3</sup> @ 60 cents	2,472.00
24" - 16 Ga. CMP: 204 ft. @ \$20.00	4,080.00
42" - 14 Ga. CMP: 6 ft. @ \$30.00	180.00
24" flap gate on 2' section, Lump Sum	225.00
Reinforced concrete, 5 yd. <sup>3</sup> @ \$150.00	750.00
Rock riprap, 950 yd. <sup>3</sup> @ \$6.50	6,175.00
Gravel, 350 yd. <sup>3</sup> @ \$2	700.00

COMBINED TOTAL PROJECT QUANTITIES DAM AND RESERVOIR - CONTINUED

Screen unit, Lump Sum	\$ 100.00
Steel reinforcing, 483 lb. @ 20 cents	96.60
Seeding, 5 acres @ \$100.00	500.00
Trash rack, Lump Sum	<u>100.00</u>
Total	<u>\$16,778.60</u>

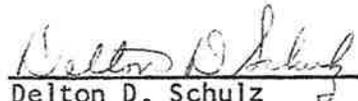
R E C R E A T I O N   A R E A   A N D   F A C I L I T I E S

RECREATION AREA

<u>ITEM</u>	<u>NUMBER</u>	<u>ESTIMATED UNIT COST</u>	<u>ESTIMATED TOTAL COST</u>
1. PICNIC AREA:			
A. Tables	10	\$ 55.00	\$ 550.00
B. Shelters	2	1,200.00	2,400.00
C. Fire Places	5	50.00	250.00
D. Trash Receptacle	5	20.00	100.00
E. Comfort Station	1	1,825.00	1,825.00
2. ACCESS ROAD:			
A. Grading	10	20.00	200.00
B. Crushed Gravel	1,000 cy	2.00	2,000.00
C. Barriers	120	4.00	480.00
D. Texas Crossing (Rock)	200 cy	5.00	1,000.00
3. GENERAL AREA DEVELOPMENT:			
A. Trees		Lump Sum	300.00
B. Signs		Lump Sum	200.00
C. Landscaping	150	20.00	3,000.00
4. Drinking Fountain		Lump Sum	<u>1,787.00</u>
(This includes a fountain for drinking and a faucet for filling thermos, etc. Laying of approximately 1,000 lineal feet of pipe through a very rocky condition. Has shut off valve for winter, etc.)		TOTAL	<u>\$14,092.00</u>

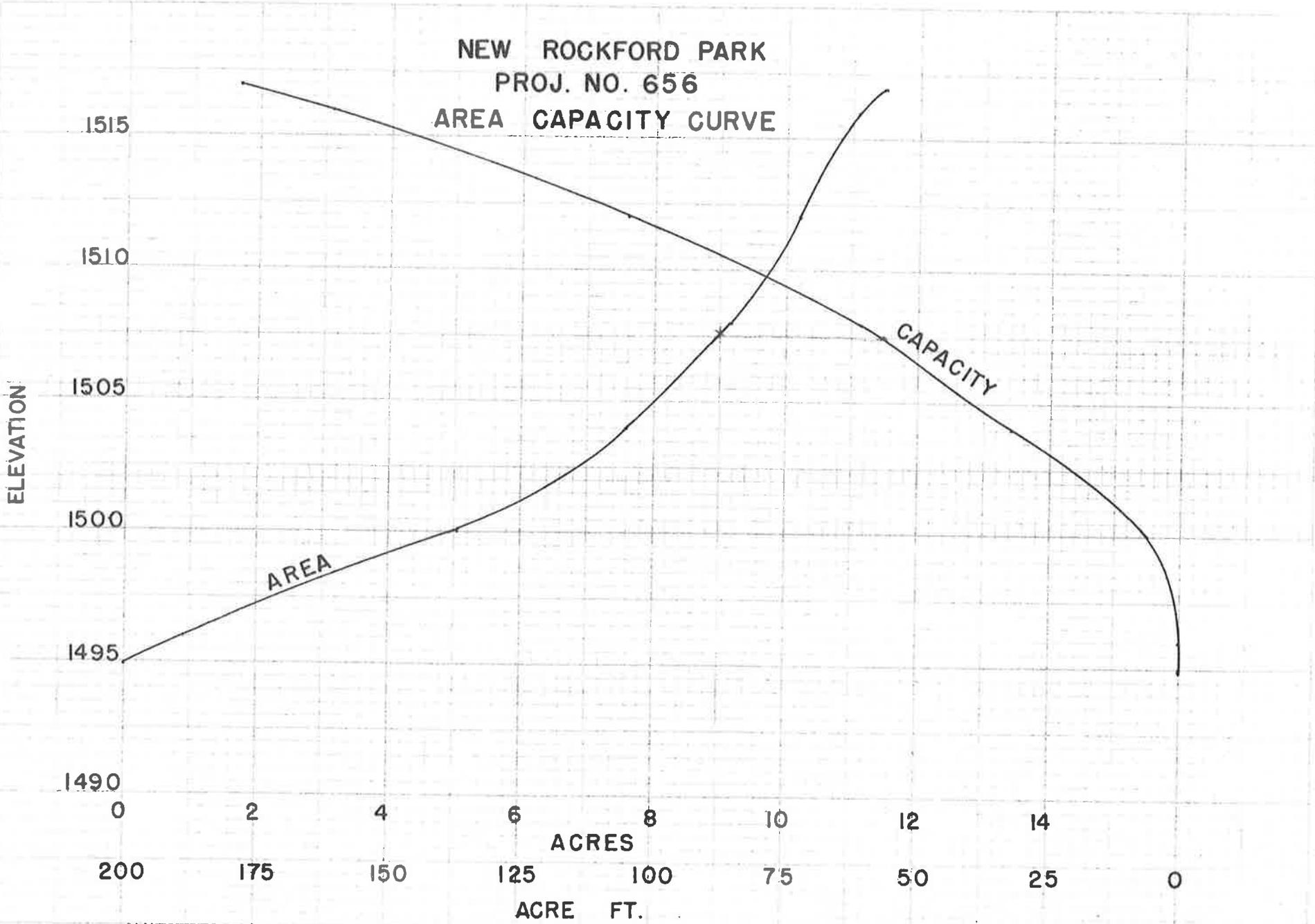
TOTAL PROJECT COSTS

Dam and Reservoir	\$ 16,778.60
Recreation Area and Facilities	<u>14,092.00</u>
Subtotal	30,870.60
Contingencies	3,129.40
Construction Inspection	2,000.00
Contract Administrative	<u>3,600.00</u>
	<u><u>\$ 39,600.00</u></u>

  
\_\_\_\_\_  
Delton D. Schulz  
Office Engineer

DDS:s1

NEW ROCKFORD PARK  
PROJ. NO. 656  
AREA CAPACITY CURVE



NORTH DAKOTA STATE OUTDOOR RECREATION AGENCY  
 Project Economic Feasibility Report  
 Benefit-Cost Ratio

PROJECT NAME New Rockford Dam and Recreation Complex

LOCATION-COUNTY Eddy SORA #14-11  
 SWC #656

I. BASIC DATA

A. Radius of Anticipated Use	<u>30</u>	miles
B. Population Within Use Area	<u>50,000</u>	
C. Anticipated Annual Visitations	<u>15,000</u>	
D. Investment (include land)	\$ <u>39,600</u>	
E. Estimated Life of Facilities	<u>30</u>	years

II. ANNUAL COSTS

F. Operation and Maintenance	\$ <u>1,000</u>	
G. Depreciation ( $D \div E$ )	\$ <u>1,320</u>	
H. Total Annual Costs ( F + G )	\$ <u>2,320</u>	

III. ANNUAL BENEFITS

J. Assumed Value Per Visitation	\$ <u>1.50</u>	
K. Estimated Annual Benefits ( J x C )	\$ <u>22,500</u>	
L. Average Net Benefits ( K - H )	\$ <u>20,180</u>	

IV. BENEFIT-COST RATIO

M. Factor for value of 1 compounded at <u>30</u> years @ <u>4</u> % = (factor)	<u>3.24339751</u>	
(Standard factor for 30 years @ 4% = 3.24339751 )		
N. Product of Investment ( D x M factor )	\$ <u>128,439</u>	
P. Total Benefits ( L x E )	\$ <u>603,240</u>	
Q. Benefit-Cost Ratio ( P ÷ N )	<u>4.7:1</u>	

Dist.  
SWC Proj. No. 656  
SWC Acct.  
1 ea. Proj. Participant

SWC Proj. No. 656

## A G R E E M E N T CONSTRUCTION OF WORKS

THIS AGREEMENT is entered into by and between:

(1) The North Dakota State Water Commission, hereinafter referred to as the Commission, acting by and through, Milo W. Hoisveen, Secretary and Chief Engineer;

(2) The Eddy County Park Board, hereinafter referred to as the Board,  
acting by and through \_\_\_\_\_,  
(Name) (Title);

(3) The State Game & Fish Department, hereinafter referred to as the Department,  
acting by and through Russell Stuart, Commissioner;  
(Name) (Title);

(4) The \_\_\_\_\_, hereinafter referred to as the \_\_\_\_\_,  
acting by and through \_\_\_\_\_,  
(Name) (Title)

### I. PROJECT, LOCATION AND PURPOSE

WHEREAS, the parties to this Agreement propose to construct the following: \_\_\_\_\_

New Rockford Dam and Recreation Complex (SORA #14-11)

hereinafter referred to as the Project, located in Section 30, Township 149 North, Range 66 West  
Eddy County, North Dakota, the purpose of which is \_\_\_\_\_

NOW, THEREFORE, IT IS AGREED:

### II. DRAWINGS AND SPECIFICATIONS

That the Project will be constructed in accordance with drawings and specifications of the Commission  
Board, approved by \_\_\_\_\_,  
Department, and \_\_\_\_\_,  
with drawings and specifications, detailed maps of dam and recreation area referred to  
(Describe)  
by State Water Commission Project #656

\_\_\_\_\_ are by this reference made a part of this Agreement to the same force and effect as if they were incorporated into the body of this Agreement.

### III. COSTS AND ALLOCATIONS

That the estimated cost of the various Project elements and their allocation to the Project participants shall be as follows:

A. Preliminary Engineering and Investigations - - - - - Total Estimate \$ \_\_\_\_\_



2. Eddy County Park Board \$ 10,800 or \_\_\_\_\_ %
3. State Game & Fish Department \$ 2,000 or \_\_\_\_\_ %
4. Bureau of Outdoor Recreation \$ 19,800 or \_\_\_\_\_ %
5. \_\_\_\_\_ \$ \_\_\_\_\_ or \_\_\_\_\_ %

That all parties shall provide the others with cost statements within 30 days after the Project's completion and settlements shall be made within 30 days of receipt of said statements.

**IV. TITLE TO LANDS AND/OR EASEMENTS**

That title to all lands and/or easements for the Project shall be purchased in the name of Eddy County  
Park Board by the Board  
 and recorded in the County Register of Deeds office wherein the Project is situated.

**V. OPERATION AND MAINTENANCE**

That the Board shall operate and maintain the Project  
 in accordance with rules and regulations prescribed by the Commission and Department.

**VI. INDEMNIFICATION**

That the Board does hereby accept responsibility for,  
 and holds the Commission and the Department  
 harmless from, all claims and damages to public or private properties, rights, or persons arising out of the construction,  
 operation, and maintenance of the Project. In the event a suit is initiated or judgment entered against the Commission or  
Department the Board  
 shall indemnify them for any settlement arrived at or judgment satisfied.

**VII. CHANGES IN RESPONSIBILITIES**

That changes in any responsibilities of the parties hereto or conditions herein stated will not be effective or binding  
 unless such changes or conditions are made in writing, signed by the parties concerned and attached hereto.

**VIII. OTHER STIPULATIONS**

Bureau of Outdoor Recreation cost participation is contingent upon  
approval by that Agency

IN WITNESS WHEREOF, the parties hereto have signed this Agreement the day and year indicated below.

WITNESS: <u>Karen Anderson</u> <u>Gene Schultz</u> <u>Wilma L. Robinson</u>	DATE: <u>12-4-68</u> <u>12-11-68</u> <u>12-4-68</u>	NORTH DAKOTA STATE WATER COMMISSION By: <u>Milo W. Horgensen</u> Secretary and Chief Engineer EDDY COUNTY PARK BOARD By: <u>Edward Steubing</u> STATE GAME & FISH DEPARTMENT By: <u>Donnell Stewart</u> Commissioner
--	--	---

By: \_\_\_\_\_

PART E - PROJECT ASSURANCES

(for use of SORA office only)

NORTH DAKOTA STATE OUTDOOR RECREATION AGENCY  
1301 STATE CAPITOL  
BISMARCK, NORTH DAKOTA

SORA PROJECT NO. 14-11

DATE RECEIVED \_\_\_\_\_

PRIORITY \_\_\_\_\_

1. APPLICANT Eddy County Park Board, c/o James Johnson, Secretary AGENCY Dist. SWC #656  
Box 666, New Rockford, North Dakota 58356 ADDRESS ← SORA Pk. Bd.  
PROJECT IS LOCATED IN Eddy COUNTY

2. PROJECT IDENTIFICATION: TITLE New Rockford Dam & Recreation SORA NO. \_\_\_\_\_  
LEGAL DESCRIPTION: Complex SEC. 30 TWP. 149 RGE 66  
SCOPE OF PROJECT: Construct dam creating a 12 acre reservoir with a 200 acre-  
feet capacity and install recreation facilities for such activities as  
picnicking, fishing, and playing outdoor games and sports. Estimated cost  
TO BE STARTED 4-1 19 69 . TO BE COMPLETED 12-31-69 19 \_\_\_\_\_ \$39,600

IN SUBMITTING THIS PROJECT PROPOSAL Eddy County Park Board  
(Name of Applying Agency)

HEREBY CERTIFIES THAT:

- A. No financial assistance has been given or promised under any other Federal program or activity with regard to this proposed project.
- B. The Applicant responsible for the proposed project has the ability and the intention to finance its share of the project.
- C. The Applicant accepts the obligation to comply with applicable laws, rules and regulations in effect at the time of the award and to the further terms and conditions of the Bureau of Outdoor Recreation Manual in effect at the time of the award.
- D. Property acquired under this program will be placed in use as an outdoor recreation facility and will be retained for such use in perpetuity or otherwise as provided and agreed to in the project agreement. Prior approval of the North Dakota State Outdoor Recreation Agency will be obtained before any other disposal is made of such property.
- E. The Applicant has the intent and ability to finance the operation and maintenance of the facility being developed for so long as is required.
- F. No foreign uses of such property, other than those described in the proposal will be permitted unless approved in advance by the North Dakota State Outdoor Recreation Agency. In the event foreign use is made of such project the Applicant shall, within one year of such foreign use, reimburse the North Dakota State Outdoor Recreation Agency the cost of the project, less the amount of such cost paid by the Applicant.
- G. If for any reason it shall become necessary for any department or agency of the State of North Dakota to expend State funds in order to fulfill any obligations which the Applicant has agreed to perform in the construction and maintenance of this project, the Applicant shall, within a one year period, reimburse the State department or agency the amount of funds expended for such maintenance or operation.
- H. The Applicant understands that qualification of this project proposal by the North Dakota State Outdoor Recreation Agency does not in itself constitute an obligation or award of requested funds and does not guarantee that funds will necessarily be made available for the project.
- I. The Applicant will supply development specifications and detailed plans to the North Dakota State Outdoor Recreation Agency as requested to do so by the Executive Officer of the Agency.
- J. The Applicant shall, within thirty days after completion of the project, submit to the North Dakota State Outdoor Recreation Agency a certified and itemized statement of its expenditures made in connection with the project, and shall, upon request, make all financial records available to the North Dakota State Outdoor Recreation Agency at any time.

SUBMITTED BY Eddy County Park Board APPLICANT  
(Name of Applying Agency)

*Oliver Steenby* TITLE Chairman DATE 12-4-68  
(Authorized Representative)

*James T. Johnson* TITLE Secretary DATE 12-4-68  
(Authorized Representative)

\_\_\_\_\_  
(Authorized Representative) TITLE \_\_\_\_\_ DATE \_\_\_\_\_

U.S. DEPARTMENT OF THE INTERIOR  
ASSURANCE OF COMPLIANCE  
(TITLE VI, CIVIL RIGHTS ACT OF 1964)

Eddy County Park Board (hereinafter called "Applicant-Recipient")  
(Name of Applicant-Recipient)

HEREBY AGREES THAT IT will comply with Title VI of the Civil Rights Act of 1964 (P.L. 88-352) and all requirements imposed by or pursuant to the Department of the Interior Regulation (43 CFR 17) issued pursuant to that title, to the end that, in accordance with Title VI of that Act and the Regulation, no person in the United States shall, on the ground of race, color, or national origin be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity for which the Applicant-Recipient receives financial assistance from Bureau of Outdoor Recreation and  
Bureau or Office

Hereby Gives Assurance That It will immediately take any measures to effectuate this agreement.

If any real property or structure thereon is provided or improved with the aid of Federal financial assistance extended to the Applicant-Recipient by Bureau of Outdoor Recreation, This assurance obligates the  
Bureau or Office

Applicant-Recipient, or in the case of any transfer of such property, any transferee for the period during which the real property or structure is used for a purpose involving the provision of similar services or benefits. If any personal property is so provided, this assurance obligates the Applicant-Recipient for the period during which it retains ownership or possession of the property. In all other cases, this assurance obligates the Applicant-Recipient for the period during which the Federal financial assistance is extended to it by—  
Bureau of Outdoor Recreation  
Bureau or Office

THIS ASSURANCE is given in consideration of and for the purpose of obtaining any and all Federal grants, loans, contracts, property discounts or other Federal financial assistance extended after the date hereof to the Applicant-Recipient by the bureau or office, including installment payments after such date on account of arrangements for Federal financial assistance which were approved before such date. The Applicant-Recipient recognizes and agrees that such Federal financial assistance will be extended in reliance on the representations and agreements made in this assurance, and that the United States shall reserve the right to seek judicial enforcement of this assurance. This assurance is binding on the Applicant-Recipient, its successors, transferees, and assignees, and the person or persons whose signature appear below are authorized to sign this assurance on behalf of the Applicant-Recipient.

12-4-68  
DATED

EDDY COUNTY PARK BOARD  
APPLICANT-RECIPIENT

New Rockford Dam & Recreation Complex

James T. Johnson  
James Johnson, Secretary  
Eddy County Park Board  
P. O. Box 666  
New Rockford, North Dakota 58356

By Oliver Stensley  
(President, Chairman of Board or Comparable  
authorized Official)

\_\_\_\_\_  
APPLICANT-RECIPIENT'S MAILING ADDRESS

#657



Permit No.

APPLICATION FOR PERMIT TO CONSTRUCT OR ENLARGE A DAM OR RESERVOIR

TO Chief Engineer  
North Dakota State Water Commission  
Bismarek, North Dakota 58501

AND

Water Management District  
N.A.  
North Dakota

I, James Johnson, Secretary, the undersigned, do hereby apply for a permit to construct or enlarge a dam as indicated below and according to specifications shown on this and attached sheets:

1. Location: County Eddy New Rockford RR Dam  
Legal description to nearest forty acre tract: SE 1/4 Sec. 30 Twp. 149 N., Rge. 66 W.

2. Purpose: Recreation

3. Data  
Drainage Area Above Dam 714 Square Miles

Type of Dam Earth Fill

Type and Size of Spillway 42" Drop Inlet - 24" CMP Outlet

Type and Size of Emergency Spillway

Type and Size of Gate Reservoir Control Structure

Invert Height above Stream Bed of Control Structure

Height of Spillway above Stream Bed 18 feet

Surface Area of Reservoir at Spillway Crest 1.2 acres

Computed Reservoir Capacity at Spillway Crest Elevation 200 acre feet

4. Water course on which dam is to be located is a tributary to: Missouri River

5. Will flows presently available to downstream riparian land owners be depleted? No If so, to what extent?

6. Downstream landowners who might be deprived of use of water by construction of the dam are

7. Is the dam and impounded water on the owners land or does sponsoring entity have landowner's permission to construct Dam and Flood Land? Yes  
(Copies of all easements must be filed with application.)

8. For an enlargement of an existing dam, answer the following:  
Why is enlargement necessary? More recreation and fish habitat area

Year dam was constructed By what agency Great Northern Railway

Total yardage in existing dam

9. The dam will be built under the supervision of State Water Commission and will conform to data and specifications given above and on the following attached sheets plans on file

(Name or Number of attached data sheet)

10. This dam will be operated in conformance to all state water laws and rules and regulations of the North Dakota State Water Commission.

11. Construction will begin on or before December 31, 1972

and will be completed on or before December 31, 1973

Date Submitted:

Signed X James F. Johnson, Secretary  
(Owner of land on which dam is located or legal Entity sponsoring project)

Address Box 666  
New Rockford, North Dakota 58356

STATE OF NORTH DAKOTA )  
COUNTY OF Eddy )ss

On this 11<sup>th</sup> day of Dec, 1968, before me a Notary Public personally appeared JAMES F. JOHNSON, known to me to be the same person who executed the foregoing application for a permit to construct or enlarge a dam or reservoir and acknowledged to me that he executed the same.

Distribution:

SWC Prj. No.  
WMD  
Co. Reg. of Deeds

Notary Public, Eddy County, N. D.  
My Commission Expires 4/12/69

The filing of this application and its approval in no way relieves the landowner from any responsibility or liability for damages from the construction, operation or failure of this structure. Concurrence by Water Management district not applicable where not established.



"Buy North Dakota Products"

# Eddy County

NORTH DAKOTA

STATE WATER COMMISSION	
INITIAL	009
DATE	
CLASS	
G. W. Eng.	
Inv. Eng.	
Proj. Eng.	
Water. Eng.	
Chief Acc't	
Chief Steno	
File	

COUNTY COMMISSIONERS

Bert Anderson  
Oliver Stensby  
Ralph Leichtman

Office of Elizabeth H. Heilman, Auditor

## NEW ROCKFORD NORTH DAKOTA

March 21, 1968

Mr. Alan K. Grindberg  
Assistant Chief Engineer  
State Water Commission  
Bismarck, North Dakota

Re: New Rockford RR Dam  
SWC Project #656

Dear Sir:

This is to inform you that the Eddy County Park Board has agreed to be sponsors of the New Rockford RR Dam known as the SWC Project #656.

Please inform us if there is anything further we can do to get this project moving.

Sincerely yours,

*Oliver Stensby*

Oliver Stensby  
Chairman Eddy Co. Commissioners

*Ralph Leichtman*

Ralph Leichtman  
Member Eddy Co. Park Board

*Bert L. Anderson*

Bert L. Anderson  
Member Eddy Co. Park Board

*James F. Johnson*

James F. Johnson  
Member Eddy Co. Park Board

*Ollie Dion*

Ollie Dion  
Member Eddy Co. Park Board



SWC # 656

LEASE

1 THIS AGREEMENT, MADE and entered into this 10<sup>th</sup> day of  
2 December, 1968, by and between City of New Rockford, a municipal  
3 corporation, Eddy County, North Dakota, party of the first part,  
4 and Eddy County Park Board, a municipal corporation, Eddy County,  
5 North Dakota, party of the second part;

6 WITNESSETH, That the said party of the first part, for and in  
7 consideration of the sum of One Dollar (\$1.00) and other valuable  
8 consideration and the covenants hereinafter mentioned, the receipt  
9 of which is hereby acknowledged, the said party of the first part  
10 has DEMISED, LEASED AND LET, and by these presents does Demise,  
11 Lease and Let, unto the said party of the second part, the follow-  
12 ing described premises in the County of Eddy, State of North Dakota,  
13 to-wit:

The South Half of the Southeast Quarter (S $\frac{1}{2}$ SE $\frac{1}{4}$ ) of  
Section Thirty (30), Township One Hundred Forty-  
nine (149), Range Sixty-six (66).

16 TO HAVE AND TO HOLD the above rented premises to the said  
17 party of the second part, its successors and assigns, for and dur-  
18 ing the full term of Ninety-nine (99) years from and after the date  
19 hereof.

20 And the said second party covenants and agrees that they will  
21 develop said premises into an area suitable for such activities as  
22 picnicing, fishing, and outdoor recreation, within a period of ten  
23 (10) years from the date hereof, or this lease shall lapse and  
24 revert back to the first party.

25 AND it is further agreed that said first party hereby express-  
26 ly reserves any and all water rights it now has under that certain  
27 permit #264 dated May 23, 1966 and executed by the State Engineer  
28 of the State of North Dakota.

29 And the said party of the second part also covenants and agrees  
30 to and with the said party of the first part, not to sub-let the  
31 above rented premises or any part thereof, during the full term of  
32 this lease, without first obtaining the consent of the said party  
33 of the first part, its successors or assigns, thereto, and that it  
34 will, at the expiration of the time herein recited, quietly yield  
35 and surrender the aforesaid rented premises to the said party of  
36 the first part, its successors or assigns.

1 IN TESTIMONY WHEREOF, Both parties hereunto set their hands  
2 and seals this 10<sup>th</sup> day of December 1968.

3  
4 City of New Rockford  
a municipal corporation  
Eddy County, North Dakota

5  
6 By: Chester R. Schmid  
Chester R. Schmid  
President of City Commission

7  
8 Attest: Frank J. Almaras  
Frank J. Almaras  
City Auditor

9  
10 Eddy County Park Board  
a municipal corporation  
Eddy County, North Dakota

11  
12  
13 By: Oliver Stensby  
Oliver Stensby  
Chairman

14  
15  
16 Attest: James F. Johnson  
James F. Johnson  
Secretary

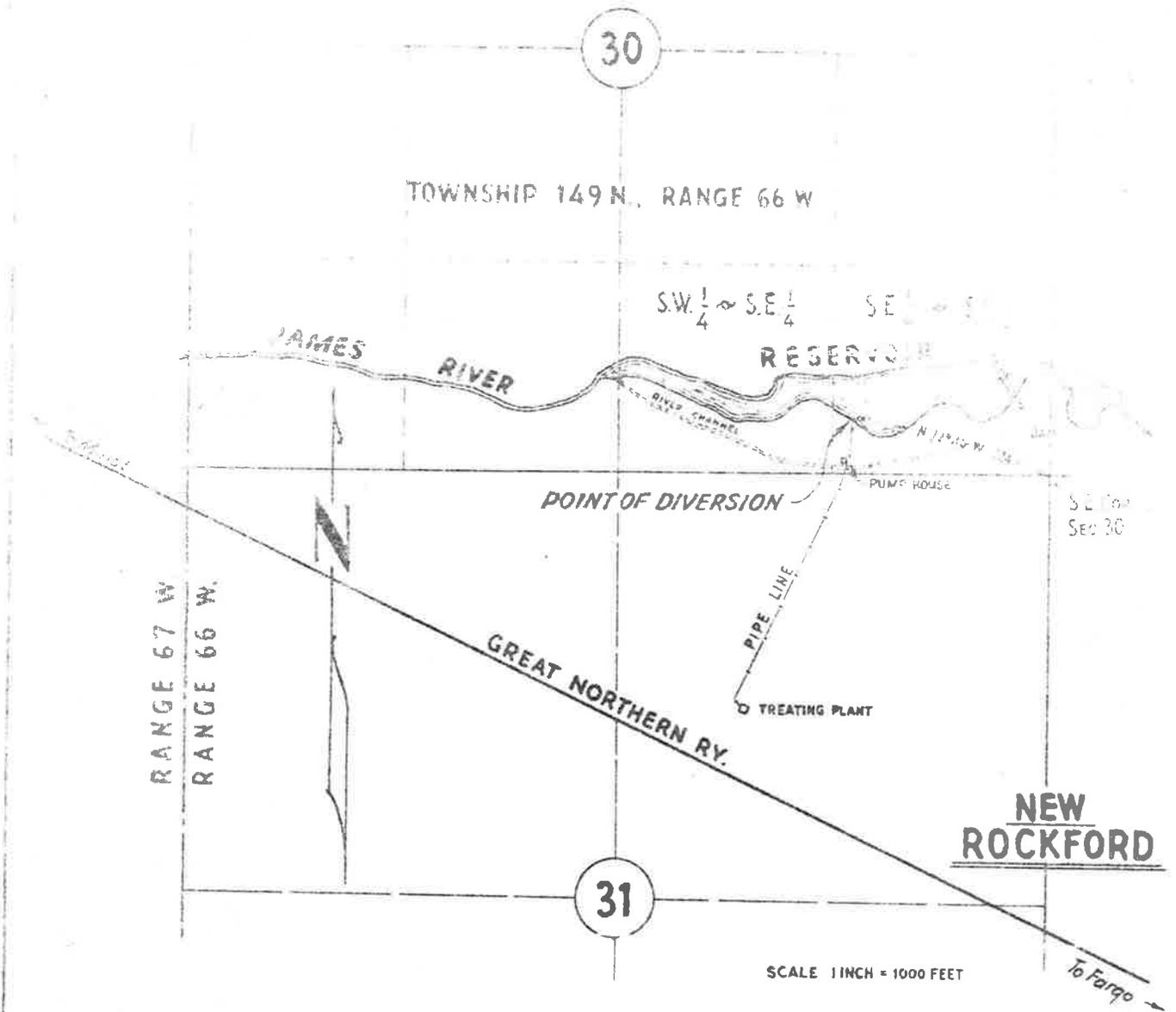
17  
18 STATE OF NORTH DAKOTA)  
19 ) SS.  
20 COUNTY OF EDDY )

21 On this 10<sup>th</sup> day of December, 1968, before me a Notary  
22 Public in and for said County and State personally appeared Chester  
23 R. Schmid to me known to be the President of the City Commission  
24 of the City of New Rockford, North Dakota, the municipal corporation  
25 that is described in, and that executed the foregoing instrument,  
26 and acknowledged to me that such corporation executed the same as  
27 party of the first part; and before me personally also appeared  
28 Oliver Stensby to me known to be the Chairman of the Eddy County  
29 Park Board of Eddy County, North Dakota, the municipal corporation  
30 that is described in, and that executed the foregoing instrument,  
31 and acknowledged to me that such corporation executed the same as  
32 party of the second part.

33  
34 (SEAL)

35  
36 James N. Williams  
James N. Williams, Notary Public  
Eddy County, North Dakota

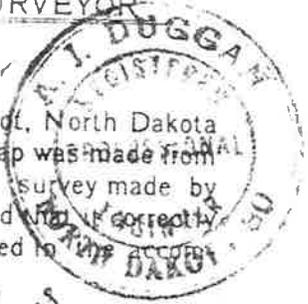
My commission expires April 12, 1969



CERTIFICATE OF SURVEYOR

State of North Dakota s.s.  
 County of Ward

I, A.J. Duggan, of Mindot, North Dakota do hereby certify that this map was made from notes taken during an actual survey made by me on Aug 8th 1946, and that it correctly represents the works described in accompanying application.



*A.J. Duggan*  
 Surveyor

APPROVED

*[Signature]*  
 State Surveyor