

#30672

STATE OF MINNESOTA
 DEPARTMENT OF STATE
 FILED
 JUN 13 1977
 Fred Anderson
 Secretary of State

FIGURE 1

STATE OF MINNESOTA
DEPARTMENT OF NATURAL RESOURCES
COMMISSIONER'S ORDER DESIGNATING AREAS OF ADEQUATE GROUNDWATER
AVAILABILITY DATA

NUMBER 1977-1

In accordance with the provisions of Laws of Minnesota 1977, Chapter 446, Section 18, Subdivision 1, the Commissioner of Natural Resources hereby designates the following Townships as A areas. Applications for permits to appropriate groundwater for purposes of agricultural irrigation in the identified areas will be processed as Class A applications. All other areas of the State are B areas, in which groundwater irrigation applications will be processed as Class B.

A map, identified as Figure 1, is attached as a visual aid. It is not part of the order.

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<u>COUNTY</u>	<u>TOWNSHIP</u>	<u>TWP.-RGE.</u>	<u>STUDY</u>
ANOKA	All Townships	----	U.S. Geological Survey Open File Report-Anoka Sand Plains (To be published as DOW Bulletin 27)
BECKER	Green Valley Osage Carsonville Pine Point	T.139-R.36 T.140-R.36 T.140-R.37 T.141-R.37	Park Rapids Study Area (Data collection complete, U.S. Geological Survey will be publishing in near future)
BIG STONE	Akron	T.121-R.44	U.S. Geological Survey Water Supply Paper 2039-B, Appleton Area
CASS	Becker Byron McKinley	T.134-R.32 T.135-R.32 T.138-R.32	Park Rapids Study Area (Data collection complete, U.S. Geological Survey will be publishing in near future)
CHISAGO	Wyoming Lent North Branch Amador	T.33-R.21 T.34-R.21 T.35-R.21 T.35-R.19,20	U.S. Geological Survey Open File Report, Anoka Sand Plains (To be published as DOW Bulletin 27)
DAKOTA (Wells finished Bedrock Only)	All Townships	----	No irrigation study (Bedrock aquifer delineated fairly well in existing Hydrological Atlases)
DOUGLAS	Hudson Alexandria LaGrand Belle River Carlos Ida Spruce Hill Miltona Leaf Valley Millerville	T.127-R.37 T.128-R.37 T.128-R.38 T.129-R.36 T.129-R.37 T.129-R.38 T.130-R.36 T.130-R.37 T.130-R.38 T.130-R.39	Water Resource Investigations 23-75, Viking Basin
HUBBARD	Badoura Crow Wing Lake Hubbard Straight River White Oak Nevis Henrietta Todd	T.139-R.32 T.139-R.33 T.139-R.34 T.139-R.35 T.140-R.32 T.140-R.33 T.140-R.34 T.140-R.35	Park Rapids Study Area, (Data collection complete, U.S. Geological Survey will publish in near future)


<u>COUNTY</u>	<u>TOWNSHIP</u>	<u>TWP.-RGE.</u>	<u>STUDY</u>
ISANTI	Oxford	T.34-R.22	U.S. Geological Survey Open File Report-Anoka Sand Plains (To be published as DOW Bulletin 27)
	Athens	T.34-R.23	
	Stanford	T.34-R.24,25	
	Isanti	T.35-R.23	
	Bradford	T.35-R.24	
	Spencer Brook	T.35-R.25	
	Cambridge	T.36-R.23	
	Springvale Wyanett	T.36-R.24 T.36-R.25	
KANDIYOHI	Roseville	T.122-R.33	U.S. Geological Survey Water Supply Paper 1899-E, Brooten-Belgrade Area
	Burbank	T.122-R.34	
	Colfax	T.122-R.35	
MORRISON	Bellevue	T.39-R.31,32	U.S. Geological Survey Water Supply Paper 2009-D, Little Falls Area
	Agram	T.40-R.31	
	Little Falls	T.40-R.32	
	Bell Prairie	T.41-R.32	
	Ripley	T.42-R.32	
	Two Rivers Green Prairie	T.127-R.29 T.130-R.29	
OTTER TAIL	Eastern	T.131-R.36	U.S. Geological Survey Water Resources Investigations, 23-75, Viking Basin
	Parkers Prairie	T.131-R.37	
	Woodside	T.132-R.36	
	Elmo	T.132-R.37	
	Oak Valley	T.133-R.36	
	Inman	T.133-R.37	
	Nidaros	T.132-R.39	
	Girard	T.133-R.39	
	Everts	T.133-R.40	
	Otter Tail	T.134-R.39	
	Amor	T.134-R.40	
	Maine	T.134-R.41	
	Otto	T.135-R.38	
	Rush Lake	T.135-R.39	
Pine Lake	T.136-R.38		
Perham	T.136-R.39		
Gorman	T.137-R.39		
Compton	T.134-R.36	U.S. Geological Survey Water Supply Paper 1983, Wadena Area	
POPE	Hoff	T.123-R.40	U.S. Geological Survey Water Supply Paper 1899-J, Lake Emily, Pope County
	Walden	T.124-R.40	
	Lake Johanna	T.123-R.36	U.S. Geological Survey Water Supply Paper 1899-E, Brooten-Belgrade Area
	Bangor	T.124-R.36	
	Grove Lake	T.125-R.36	
	Glenwood	T.125-R.37	
	Westport	T.126-R.36	
	Leven	T.126-R.37	

<u>COUNTY</u>	<u>TOWNSHIP</u>	<u>TWP.-RGE.</u>	<u>STUDY</u>
SCOTT (Wells Finished in Bedrock Only)	All Townships	----	No irrigation study (Bedrock aquifer delineated fairly well in existing Hydrologic Atlases)
SHERBURNE	All Townships	----	U.S. Geological Survey Open File Report-Anoka Sand Plains (To be published as DOW Bulletin 27)
STEARNS	Crow Lake Crow River North Fork	T.123-R.35 T.123-R.34 T.124-R.35	U.S. Geological Survey Water Supply Paper 1899-E
SWIFT	Edison Appleton Moyer Shible Fairfield	T.120-R.42 T.120-R.43 T.121-R.42 T.121-R.43 T.122-R.42	U.S. Geological Survey Water Supply Paper 2039-B, Appleton Area
TODD	Leslie Stowe Prairie	T.129-R.35 T.133-R.35	U.S. Geological Survey, Water Resources Investigations 23-75, Viking Basin
WADENA	Thomastown Aldrich Wadena Wing River Leaf River Bullard Lyons North Germany Orton Meadow Huntersville Shell River Blueberry	T.134-R.33 T.134-R.34 T.134-R.35 T.135-R.34 T.135-R.35 T.135-R.33 T.136-R.33 T.136-R.34 T.137-R.33 T.137-R.34 T.138-R.33 T.138-R.34 T.138-R.35	U.S. Geological Survey Water Supply Paper 1983, Wadena Area Park Rapids Study Area (Data collection complete, U.S. Geological Survey will be publishing in near future)

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Dated this 10th day of June, 1977.

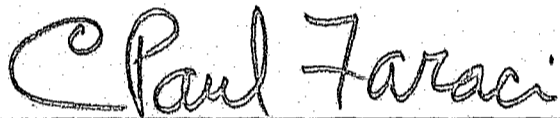
STATE OF MINNESOTA
DEPARTMENT OF NATURAL RESOURCES


JOSEPH N. ALEXANDER
ASSISTANT COMMISSIONER
DEPARTMENT OF NATURAL RESOURCES

Pursuant to Commissioner's

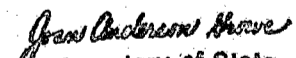
Delegation Order No. 241
266

APPROVED AS TO FORM AND EXECUTION
WARREN SPANNAUS
Attorney General



C. PAUL FARACI
Deputy Attorney General
Department of Natural Resources

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