

**Hydrogeologic Areas of Concern**  
**Minnesota Department of Natural Resources**  
**March 2014**

Geographic Location	County	Existing or Potential Concerns						
		Limited Water Supply	Population Growth	Surface Water Impacts	Contamination Issues Limiting Availability	Water Use Conflicts and Interference	Crop Irrigation	Mining
<b>AREAS</b>								
Little Rock Creek	Benton/Morrison	X	X	X	X	X	X	
Chanhassen/Chaska	Carver	X	X	X				
Eden Prairie/Carver	Carver	X	X	X				
Buffalo Aquifer	Clay/Wilkin	X			X	X	X	
Red Rock Rural Water	Cottonwood	X	X	X	X			
Twin Cities (NW)	Hennepin	X	X		X			
Twin Cities (SW)	Hennepin/Carver	X	X	X	X			X
Bonanza Valley	Kandi/Pope/Stearns	X		X		X	X	
Lincoln Pipestone Rural Water (Verdi well Field)	Lincoln	X		X		X	X	
Marshall Municipal Water (South Well Field)	Lyon	X	X	X	X	X		
Marshall Municipal Water (Dudley Well Field)	Lyon/Yellow Medicine	X	X	X	X	X		
Lincoln Pipestone Rural Water (Holland Well Field)	Pipestone	X		X	X	X	X	X
White Bear Lake	Ramsey	X		X				
Rock County Rural Water	Rock	X	X	X	X	X		
Savage/Prior Lake/Shakopee	Scott	X	X	X				X
Twin Cities (E)	Washington/Ramsey	X	X	X	X			
Red River beach ridges	Wilkin/Clay/Norman/Polk/Marshall/Kittson	X		X				X
Red River Valley	Wilkin/Clay/Norman/Polk/Marshall/Kittson	X			X			
Albertville Infiltration (JPO)	Wright	X	X					
Lincoln Pipestone Rural Water (Burr Well Field)	Yellow Medicine	X		X		X		
Marshall Municipal Water (Wood Lake Aquifer)	Yellow Medicine	X	X	X	X	X	X	

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<b>Communities</b>								
Bemidji	Beltrami	X	X		X			
Rice	Benton	X		X	X	X	X	
Mankato	Blue Earth	X	X	X				X
New Ulm	Brown	X						X
Granite Falls	Chippewa	X				X		
Montevideo	Chippewa	X						
Moorhead--also see Buffalo aquifer	Clay/Wilkin	X		X		X		
Windom	Cottonwood	X		X	X			
Farmington	Dakota	X	X	X				X
Lakeville	Dakota	X	X			X		
Rosemount	Dakota	X	X			X	X	X
Elk River	Hennepin	X	X					
Park Rapids	Hubbard	X	X	X	X		X	
Isanti	Isanti	X	X					
Bovey	St. Louis							X
Chisholm	St. Louis	X				X		X
McKinley	St. Louis	X						X
Virginia	St. Louis	X						X
Madison	Lac Qui Parle	X						
Aurora	Lake	X		X	X			X
Biwabik	Lake	X		X	X			X
Fairmont	Martin	X		X	X			
Eden Valley	Meeker	X				X	X	
Litchfield	Meeker	X				X	X	
Austin	Mower	X		X	X	X		
St Peter	Nicollet	X			X			X
Adrian	Nobles	X		X	X			
Worthington	Nobles	X	X	X	X	X		
Rochester	Olmsted	X	X	X	X			
Perham	Ottertail	X		X	X	X	X	
Crookston	Polk	X				X		
White Bear Lake	Ramsey	X		X				
Bird Island	Renville	X			X	X		
Buffalo Lake	Renville	X				X		
Luverne	Rock	X	X	X	X	X		
Becker	Sherburne	X	X					
Big Lake	Sherburne	X	X					
Princeton	Sherburne	X	X	X	X			
Winthrop/Gaylord	Sibley	X				X		
Hibbing	St. Louis	X	X	X	X	X		X
Cold Spring	Stearns	X	X	X	X	X	X	X

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St Cloud	Stearns	X				X		X
St. Joseph	Stearns	X				X	X	
Appleton	Swift	X				X	X	
Benson	Swift	X		X		X	X	
Hugo	Washington	X	X	X		X		
Woodbury	Washington	X	X	X				
St James	Watonwan	X				X	X	
Breckenridge	Wilkin	X				X		
Annandale	Wright	X				X	X	
Buffalo	Wright	X	X					
Clearwater	Wright	X	X					
Otsego	Wright	X	X					
Canby	Yellow Medicine	X				X	X	
Dakota County	Dakota	X	X		X		X	X
Highwater Ethanol	Cottonwood/ Redwood	X		X	X			
Granite Falls Energy	Renville	X				X		