

APPENDIX F: WATER SUPPLY ADEQUACY ANALYSIS

- Table F-1: Adequacy of Local Supplies to Meet 2050 Water Supply Demands, Categorized by Community

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Community	Aquifer Yeild	Withdrawal Limitations	Supply Demand Projections	Combined Ranking	Adequacy Code
Afton	C	1	L	C1L	A
Andover	C	3	M	C3M	A
Anoka	D	0	VH	D0VH	A
Apple Valley	B	0	VH	B0VH	A
Bayport	B	3	VH	B3VH	A
Baytown Twp.	B	1	L	B1L	U
Belle Plaine	D	0	H	D0H	U
Belle Plaine Twp.	D	0	L	D0L	A
Benton Twp.	D	0	L	D0L	A
Bethel	D	0	L	D0L	A
Blaine	C	3	H	C3H	U
Blakeley Twp.	D	0	L	D0L	A
Bloomington	B	0	H	B0H	A
Brooklyn Center	A	3	VH	A3VH	A
Brooklyn Park	A	3	H	A3H	A
Burns Twp.	D	0	L	D0L	A
Burnsville	B	2	H	B2H	A
Camden Twp.	D	0	L	D0L	A
Carver	D	0	VH	D0VH	U
Castle Rock Twp.	B	2	L	B2L	A
Cedar Lake Twp.	D	0	L	D0L	A
Centerville	B	0	M	B0M	A
Champlin	C	0	H	C0H	A
Chanhassen	C	0	H	C0H	A
Chaska	C	0	H	C0H	A
Circle Pines	C	0	H	C0H	A
Coates	A	0	L	A0L	A
Cologne	D	0	M	D0M	A
Columbus Twp.	D	0	L	D0L	A
Coon Rapids	C	3	H	C3H	A

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Community	Aquifer Yeild	Withdrawal Limitations	Supply Demand Projections	Combined Ranking	Adequacy Code
Corcoran	R	0	M	R0M	U
Cottage Grove	B	3	H	B3H	A
Credit River Twp.	B	0	L	B0L	E
Dahlgren Twp.	C	0	L	C0L	E
Dayton	D	0	H	D0H	U
Dellwood	B	3	L	B3L	A
Denmark Twp.	A	3	L	A3L	E
Douglas Twp.	B	2	L	B2L	A
Eagan	B	2	H	B2H	A
East Bethel	D	3	L	D3L	A
Eden Prairie	B	0	H	B0H	A
Edina	B	0	VH	B0VH	A
Elko	B	0	M	B0M	A
Empire Twp.	A	2	L	A2L	A
Eureka Twp.	B	2	L	B2L	A
Excelsior	C	0	H	C0H	A
Farmington	A	2	H	A2H	U
Forest Lake	D	0	M	D0M	U
Fridley	A	0	H	A0H	A
Gem Lake	B	0	M	B0M	A
Grant	B	1	L	B1L	A
Greenfield	C	0	L	C0L	E
Greenvale Twp.	A	3	L	A3L	E
Grey Cloud Island Twp.	B	0	VH	B0VH	A
Ham Lake	D	3	L	D3L	A
Hamburg	C	0	VH	C0VH	A
Hampton	B	0	L	B0L	E
Hampton Twp.	B	2	L	B2L	A
Hancock Twp.	D	0	L	D0L	A
Hanover	D	0	L	D0L	A

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Hassan Twp.	D	0	L	D0L	A
Hastings	C	0	H	C0H	A
Helena Twp.	R	0	L	R0L	A
Hollywood Twp.	D	0	L	D0L	A
Hopkins	B	0	VH	B0VH	A
Hugo	B	0	M	B0M	A
Independence	R	0	L	R0L	A
Inver Grove Heights	C	0	M	C0M	A
Jackson Twp.	C	0	L	C0L	A
Jordan	C	3	M	C3M	A
Lake Elmo	A	2	M	A2M	A
Lakeland	D	1	L	D1L	A
Laketown Twp.	C	0	L	C0L	E
Lakeville	B	3	H	B3H	U
Lexington	D	0	VH	D0VH	A
Lilydale	C	0	L	C0L	E
Lino Lakes	B	0	M	B3M	A
Linwood Twp.	D	0	L	D0L	A
Long Lake	B	0	H	B0H	A
Loretto	D	0	H	D0H	A
Louisville Twp.	C	0	L	C0L	E
Mahtomedi	C	0	M	C0M	A
Maple Grove	A	0	H	A0H	E
Maple Plain	R	0	H	R0H	U
Marine on St. Croix	C	1	L	C1L	A
Marshan Twp.	B	0	M	B0M	A
May Twp.	C	1	L	C1L	A
Mayer	C	0	H	C0H	A
Medicine Lake	C	0	M	C0M	A
Medina	D	0	L	D0L	U

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Community	Aquifer Yeild	Withdrawal Limitations	Supply Demand Projections	Combined Ranking	Adequacy Code
Miesville	B	0	L	B0L	E
Minneapolis	B	0	VH	B0VH	A
Minnetonka	C	0	H	C0H	A
Minnetonka Beach	C	0	L	C0L	E
Minnetrista	D	0	L	D0L	U
Mound	C	0	H	C0H	A
Mounds View	B	0	H	B0H	A
New Brighton	B	0	VH	B0VH	A
New Germany	R	0	M	R0M	A
New Market	A	0	H	A0H	A
New Market Twp.	B	0	L	B0L	E
New Scandia Twp.	C	1	L	C1L	A
New Trier	C	0	L	C0L	E
Newport	B	3	M	B3M	A
Nininger Twp.	C	0	L	C0L	E
North St. Paul	C	0	VH	C0VH	A
Norwood Young America	C	0	M	C0M	A
Oak Grove	D	0	L	D0L	A
Oak Park Heights	C	3	H	C3H	A
Oakdale	B	2	H	B2H	A
Orono	C	0	L	C0L	E
Osseo	B	0	VH	B0VH	A
Pine Springs	B	0	L	B0L	E
Plymouth	C	0	H	C0H	A
Prior Lake	C	0	H	C0H	A
Ramsey	C	3	H	C3H	U
Randolph	A	0	M	A3M	A
Randolph Twp.	A	3	M	A3M	A
Ravenna Twp.	C	0	L	C0L	E
Richfield	A	0	VH	A0VH	A

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Robbinsdale	B	0	VH	B0VH	A
Rogers	D	0	VH	D0VH	U
Rosemount	A	0	H	A0H	A
San Francisco Twp.	D	3	L	D3L	A
Sand Creek Twp.	D	0	L	D0L	A
Savage	A	1	H	A1H	U
Sciota Twp.	A	3	L	A3L	E
Shakopee PUC	A	0	VH	A0VH	A
Shoreview	B	0	H	B0H	A
Shorewood	C	0	M	C0M	A
South St. Paul	B	0	VH	B0VH	A
Spring Lake Park	B	0	H	B0H	A
Spring Lake Twp.	C	0	L	C0L	E
Spring Park	C	0	VH	C0VH	A
St. Anthony	C	0	VH	C0VH	A
St. Bonifacius	D	0	H	D0H	A
St. Francis	C	3	L	C3L	A
St. Lawrence Twp.	D	3	L	D3L	A
St. Louis Park	B	3	VH	B3VH	A
St. Marys Point	D	0	L	D0L	A
St. Paul Park	A	3	VH	A3VH	A
St. Paul RWS	B	0	VH	B0VH	A
Stillwater	C	1	H	C1H	A
Stillwater Twp.	C	1	L	C1L	A
Sunfish Lake	C	0	L	C0L	E
Tonka Bay	C	0	M	C0M	A
Vadnais Heights	B	0	H	B0H	A
Vermillion	C	0	M	C0M	A
Vermillion Twp.	A	2	L	A2L	A
Victoria	C	0	M	C0M	A

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Community	Aquifer Yeild	Withdrawal Limitations	Supply Demand Projections	Combined Ranking	Adequacy Code
Waconia	D	0	H	D0H	U
Waconia Twp.	D	0	L	D0L	A
Waterford Twp.	A	3	L	A3L	E
Watertown	D	0	M	D0M	A
Watertown Twp.	D	0	L	D0L	A
Wayzata	C	0	M	C0M	A
West Lakeland Twp.	B	1	L	B1L	U
White Bear Lake	B	3	VH	B3VH	A
White Bear Twp.	B	3	M	B3M	A
Woodbury	B	3	VH	B3VH	U
Young America Twp.	C	0	L	C0L	E

Key:

Aquifer Yeild

- A Very high potential aquifer yeild
- B High potential aquifer yeild
- C High to moderate potential aquifer yeild
- D Moderate potential aquifer yeild
- R Restricted potential aquifer yeild

Ground-Surface Interaction

- 0 No major limitations on groundwater withdrawal due to pollution/potential impacts on surface water resources
- 1 Important limitations on groundwater withdrawal due to pollution/potential impacts on surface water resources
- 2 Significant possible limitations on groundwater withdrawal due to pollution/potential impacts on surface water resources
- 3 Some possible limitations on groundwater withdrawal due to pollution/potential impacts on surface water resources

Withdrawal Limitations

- L Low municipal demand
- M Medium municipal demand
- H High municipal demand
- VH Very high municipal demand

Adequacy Code

- A Adequate local water supply
- E Possible excess local water supply
- U Uncertain local water supply