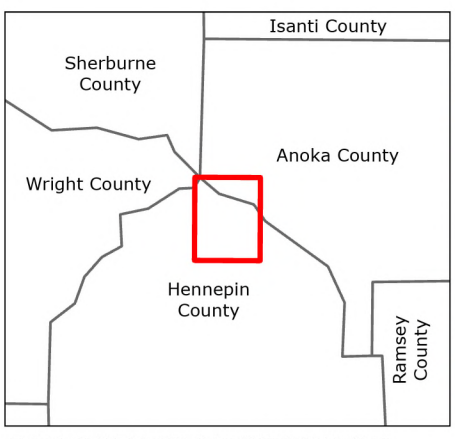
Historic Village 0.25 MG Tower
Well 1
WTP
Well 3
Wellhead Treatment (wells 1 and 3, 900 gpm combined)
Northwest 1.25 MG Tower
Wellhead Treatment (wells 4 and 5, 2,000 gpm)
Well 4
Wellhead Treatment (1 well, 915 gpm)
North Dayton Well Field
Lake Laura
Northeast 1.0 MG Tower
Well 2
Wellhead Treatment (2 proposed wells, 915 gpm each)
Wellhead Treatment (2 well @ 600 gpm + 915 gpm proposed well)
Diamond Lake
North Dayton District (Low Zone)
South Dayton District (High Zone)
Northeast (Pineview) 0.5 MG Tower
Grass Lake
South Dayton Well Field 9 wells, 1,010 gpm each
French Lake
Hayden Lake
South (Dubay) 2.0 MG Tower
Dubay Lake
11.6 MG South Water Treatment Plant
Powers Lake
South (Wicht) 2.0 MG Tower

Future well locations, yields, and raw water pipe sizing and routing are conceptual and are based on a well spacing of 2,000 feet. Actual well locations and yields will vary based on land availability and local aquifer properties. Test drilling is needed to confirm aquifer availability, depth, and thickness at each location.



<FNT style="Bold Italic"><UND>Notes</UND><FNT style="Bold">
1. </FNT></FNT>Coordinate System: NAD 1983 HARN Adj MN Hennepin Feet<FNT style="Bold">
2. </FNT>Data Sources: USGS, Hennepin County, Wright County <FNT style="Bold">

Legend

- City Boundary
- Pressure Zone
- DNR Public Water Basin
- Elm Creek Regional Park
- 2,000 ft Buffer from Future Wells

Existing Water System Facility

- Supply Well
- Tower

Distribution Water Main

- Existing Trunk Water Main
- Future Trunk Water Main

Future Water System Facility

- Future PRVs
- Future Tanks
- Future Supply Well
- Future Water Treatment Plant

Future Raw Water Diameter

- 8 Inch
- 10 Inch
- 12 Inch
- 16 Inch
- 18 Inch
- 20 Inch

0 2,000 3,000 Feet

(At original document size of 11x17)
1:36,000

N

Stantec

Project Location
Dayton, Hennepin Co., MN

Prepared by BS on 2025-11-20

Client/Project
193806077
City of Dayton
Water Comprehensive Plan

Figure No.
A-10

Title
Ultimate Concept Well Locations and Raw Water Piping

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