

Implementation of other sewer system improvements will be dependant on the increases in wastewater generation and timing of development of the collection system basins. The series of upgrades identified in this report will allow the Village to serve the Long Range Service Area peak flow of approximately 3,000 gallons per minute.

Water Service

The Village enjoys a high-quality water distribution system, which consists of a water tower, a network of water mains, and four wells with depths varying from 400 to 800 feet. The newest well, located in Commerce Park just east of CTH N near Gaston Road provides roughly 1,000 gallons per minute and can be upgraded to provide 1,500 gallons per minute. The Village has also acquired a future well site for Well #5 which will be constructed following phase two of the Coyle Highlands neighborhood development south of CTH BB, west of CTH N.

The Water System Engineering Report and Public Needs Assessment, dated February 2003, identified several water system upgrades that should be implemented for the utility to maintain a sufficient level of service for future growth. Future upgrades in the water system will be dictated by the availability of water storage and groundwater pumping capacity.

The 2003 water study also indicated that the Village will need additional water storage for fire protection and daily storage. It has been estimated that a 400,000 gallon reservoir will be needed, and the Village would like to site the tower on the hill located in the southwest quadrant of CTH N and I-94. An alternate location may be further west that features a relatively high hill that would allow service to a broad area. This system will be more than adequate to pump 500 gallons per minute for the purposes of fire-fighting. Developments above a USGS elevation of 970 will require a booster station and ultimately a higher pressure zone. In the future, the Village may elect to increase the overall system pressure.

C. Parks and Recreation

The Village of Cottage Grove operates five community and neighborhood parks. The largest park (13 acres) is Northlawn, located on the north side of the village adjacent to Taylor Prairie Elementary School. Firemen's Park (11 acres) is located in the south portion of the community. The Community Park (5½ acres) is located on the west side. R.G. Huston Memorial Park (3 acres) is located in the southeast portion of the community and Willow Run (1 acre) is located on the northeast side.

In 1999, the Village received a WisDNR grant to assist in the acquisition of land for the western expansion of Firemen's Park. The Glacial Drumlin State Trail currently has its western terminus at CTH N along the railroad corridor. This trail is planned to be extended westward on or along the railroad corridor into Madison, connecting to the Capital City Trail and Military Ridge Trail.

The Monona Grove School District maintains a 58-acre school forest east of the Cottage Grove Elementary School. Other large open space and recreation areas in the Village include the 35-acre Arrowwood Estates Pond and Open Area on the southwest side, the 18-acre Westlawn Park and Conservancy on the northwest side of the Village, and the Governor Taylor Nature Park.