
B. Utilities

Telecommunications

High speed internet and telephone service is provided in the Cottage Grove area by Verizon and Charter.

Power Distribution

Natural gas and electric is provided by Alliant Energy.

Solid Waste Disposal and Recycling

Curbside solid waste and recycling service is available to all Cottage Grove residents. The Village also provides pick-up service for e-waste, appliances, and large items by appointment.

Stormwater Management

The Village has a storm sewer system that is separate from its sanitary sewer system. The system drains into Door Creek on the southwest portion of the Village and into Koshkonong Creek on the southeast. The stormwater system includes a series of greenways and detention basins.

The Village adopted a Stormwater Management Plan in 2006. The findings of this report evaluated the Village's flooding conditions and water quality, demonstrating that there is not currently serious flooding or pollutant loading issues. The study has suggested that existing stormwater management infrastructure is at a level where targeted pollutant levels will be met. At that time some capital improvements were needed to meet water quality standards in the future with planned development.

As new development occurs, any local facilities that may be required to satisfy local and state stormwater management regulations will be provided. The Village has also been in the practice of submitting the details of its stormwater management plan to Dane County staff for approval prior to approving development, in an effort to control stormwater to predevelopment levels.

Sanitary Sewer Service

Cottage Grove is divided topographically by one major ridgeline, and several minor ridgelines. These topographic divides provide two separate drainage basins (Upper Koshkonong Basin and the Door Creek and Lake Kegonsa Basin) and service patterns for sanitary sewer service.

Generally, drainage in the Village flows south from the Interstate to the southern portion of the Village, with sewage facilities (lift stations) located along the railroad tracks on the southern edge of the Village at Vilas Road and South Main. Sewage from south of the railroad flows to the South Main Lift Station.

The Village is served by the Madison Metropolitan Sewerage District (MMSD) collection system and treatment facility. The Cottage Grove Interceptor conveys wastewater from the Village to the Far East Interceptor and on to the Nine Springs Wastewater Treatment Facility. The treatment facility has a design capacity of 50 million gallons per day (mgd) and is estimated to receive 46.98 mgd by the year 2020—below its design capacity. However, based on high population growth projected over the planning period, there will be a need for incremental upgrades to the wastewater system to increase pumping capacity to MMSD.

The Village's Sanitary Sewer System Facility Plan and Public Facilities Needs Assessment prepared in 2003 provides additional detail on the existing system and future expansion needs. The sewer system facility plan recommends several collection system and lift station upgrades to accommodate future growth. Collection system improvements, as well as lift station/forcemain upgrades are included in this assessment. In 2008-2009 the Village began upgrading **2010 the Village completed an upgrade to** the Vilas Road Lift Station and related forcemain to MMSD. The lift station is located on the west side of Vilas Road with a deeper well allowing a greater gravity service area. The Village also began the installation of a Southwest sewer interceptor to provide sanitary service to more lands on the south side of the Village.

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.