

Wastewater Treatment and Sanitary Sewers - Engineering studies were undertaken in 1997-98, in part because of an attempt to annex a portion of the Grand River industrial corridor to the City of Wixom. The studies resulted in an immediate plan to provide sanitary sewer service to the annexation lands, using a waste water treatment plant constructed about a half mile north of Ten Mile Road in Section 23.

The waste water treatment plant has a permitted capacity of 3,000,000 gallons per day. The actual built capacity currently is 750,000 gallons per day. The plant is processing 300,000 - 350,000 gallons of waste water per day (2010).

In late 1998 a sanitary sewer master plan for the entire Township was prepared by Giffels-Webster Engineers, the Township's Engineer. The sewer plan proposes to initially serve the Grand River Avenue corridor and land adjacent to the City of South Lyon, consistent with the Township's goals to develop its non-residential tax base and to bring a halt to annexations. Long-term, the sewer plan calls for sanitary sewers to be available throughout the Township, depending on the capacity of the waste water treatment plant. The build-out based on current zoning shows that the waste water treatment system will be able to absorb the planned growth.

Public Water System - The existing water system consists of four wells, the main Township well site is the Woodwind well, located in the Woodwind Planned Development, Ten Mile Road, west of Johns Road. The other three wells include the New Hudson well, the Carriage Club well, and the Tanglewood well. All four of the Township wells are connected, however, the system is not yet looped. Two miles of water main on Johns Road still needs to be constructed to loop the system. Water lines extend along the full length of Grand River Avenue, throughout New Hudson, and south on Kent Lake Road. Water lines also extend throughout the Carriage Club development.

In the longer-term, treatment is needed for the water system so that individual users will not need water softeners, which cause elevated sodium levels in the waste water treatment system. Currently, there are not enough customers on the municipal water system to make treatment financially viable.

Library Facilities

The Township operates a library at 27005 Milford Road, north of Eleven Mile Road, near Lake Angela. The library shares a building with the senior center, occupying 3,900 square feet of the building. In 2009, 100,662 items circulated, a 9.5% increase over the previous year. There were 77,923 patron visits and 10,640 computer users.

The library offers programming for both children and adults. Children's programs primarily involve reading programs or story hours. A summer reading program is held for children, generating 570 participants in 2009. For adults, programming includes genealogy groups, discussion groups of all varieties, and film series.

A six-member elected library board directs the library. The members serve four-year terms. The main source of revenue for the library is a millage.

In 2009, the library collection held 50,679 materials, an increase of 5,191 over the previous year. Through a library cooperative, cardholders can request materials from 40 local libraries. In addition, in 2009, the library became a participating library in Mel Cat, a statewide resource sharing catalog with other Michigan libraries, allowing access to millions of items for patrons.

Other developments of note in 2009, include the addition of a second T-1 line to increase band width and improve the speed of the library's internet connection. Also, the library began on-site service to Abbey Park, an assisted living facility in Lyon Township.

In May 2004, the Township engaged the services of George Lawson, Library Planner, to complete a Needs Assessment for the Lyon Township Public Library. The study found that the library should plan in 2025 for a book collection of 108,223 volumes, media collections of 11,438 items, and a periodical collection of 269 titles. The 2025 service population will require 133 seats for general user seating at 30 sq. ft. per seat. About 35 public computer workstations will be needed in 2025.

Altogether, the Needs Assessment projected a Total Gross Space Requirement of 41,330 sq. ft. for 2025. With the current population, the assessment found that the library should have 15,912 sq. ft. of gross space. By 2015, the service population is expected to be 27,126, which translates into a Gross Space Requirement of 29,660 sq. ft.

Aside from the current facility being too small, the existing library site contains wetlands. Wetlands and adjacent development limit the possibility for expansion on the existing site. The Township is currently evaluating sites for a new library building, including a 13-acre site on the west side of Milford Road, north of Twelve Mile Road. The Township has a commitment through a consent judgment for this area on the Mill River development.

Land has also been identified by the Lyon Center Vision Plan in New Hudson that could accommodate a new library. There is merit to locating the library in the downtown – it attracts patrons for businesses and contributes a desirable image for the area.

Post Office

Lyon Township is covered by portions of five different zip codes, and therefore it is serviced by five different post offices: New Hudson, South Lyon, Northville, Wixom, and Milford. Two of these serve the majority of the Township. The New Hudson post office serves the north section of the Township, and the post office located in South Lyon serves the southern section.

The only post office building located within the Township is the New Hudson post office. This building is almost 70 years old, and due to the growth that has been experienced in its service area, it suffers from many inadequacies. Space, parking, technology, and infrastructure are