



Charter Township of Madison

Department of Public works

July 2025

Water and Sewer Usage

- Water usage for the month of July was 10.0 million gallons.
- Sewer usage for the month of July was 9.2 million gallons.
- Water usage for Fairfield Twp. for the month of July was 1.2 million gallons.

Operations

- Work orders for the month of July were (64).
- Miss Digs for the month of July was (121). All Miss Digs were reviewed and serviced as needed.
- Water meters were read, and all work orders were completed.
- All sewer reads for the month of July were submitted to the City of Adrian.
- Lift stations and generators were inspected for the month of July.
- Monthly operating report submitted to EGLE.
- Backwashing of iron filter as necessary.
- Monthly Drinking water sampling has been completed.
- Wastewater discharge sampling at water treatment plant.

Communications

- The Public works department has an estimated cost to extend the water main on Carleton Road from M-52 to Treat Hwy. According to an engineering report as part of the capital improvement plan, it is recommended to run a new 12-inch water main down Carleton Road to improve system reliability and would create a redundant connection from the east and west parts of the system, the east side is currently served by one existing water main. The cost estimation from our engineer to accomplish this extension is \$1,989,000.
- The public works department has roughly estimated the cost to extend sanitary sewer services from US 223 heading south down M-52 to Carleton Road and an extension to Treat Hwy. We believe the cost to accomplish this would be in the range of \$2.8-\$3.5 million. It is very likely a sewer lift-station would be needed due to the elevation differences in the locations mentioned above.
- The Public works department received a cost to replace all water meters in our system, the majority of our meters currently in use have met and, in some cases, exceeded their useful life cycle,(20 yrs) it is recommended that they be replaced to capture all of the water revenue for water that has been pumped to the system. The cost is \$1,098,000.

Submitted by Tim Watterson
Department of public works Superintendent