

For additional information on this
project contact:

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Consultants:

MRB Group Engineering, Architecture
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Western Wayne County Regional Wastewater Treatment Plant Project Summary (March 2022)



THE PROJECT

The Towns of Macedon, Marion, Palmyra and Walworth are working together with the Village of Palmyra and the Wayne County Water and Sewer Authority (WCWSA) to plan for and build a new regional wastewater treatment facility. Currently four of the communities own and operate their own facilities, which are all faced with issues of aging infrastructure and more stringent regulatory requirements. Each community's existing treatment facilities are faced with the need to make significant improvements in the near future to address needs. Given the significance of the upgrades and costs, the communities engaged the WCWSA, and their consultants, to evaluate the feasibility of a regional approach that would provide a more cost effective long term solution. The regional approach will eliminate the need for each community to undertake the substantial cost implications of independent upgrades.

The new regional wastewater treatment facility will be built adjacent to the Village of Palmyra's current facility. New pumping stations, screening facilities, and transmission systems will convey each community's wastewater to the new regional facility, thereby consolidating operations into one modern and more efficient facility. Once the new plant is up and running, the outdated facilities will be decommissioned and taken out of service.

THE BENEFITS

Some of the benefits of the regional solution include:

- Long term cost savings to all involved communities.
- Consolidation and reduction in operational, maintenance, and administrative costs
- 1 Single facility subject to current and future regulatory requirements in lieu of 3-4 facilities
- Expanded user base stabilizes costs and rates
- Life expectancy of new facility is 30-40 years compared to 15-20 years associated with upgrading existing aged infrastructure
- Incorporation of new, more efficient, processes and equipment
- New facility allows for future development and consideration for industrial waste streams
- Each existing WWTP can continue to operate until the new regional WWTP is commissioned
- Beneficial Use of Bio-Solids as compared to landfill disposal of sewage sludge

THE SCHEDULE

The project began in the summer of 2017. With Engineering Reports and economic analysis now complete, and financing commitments in place, the design of the plant is also now complete with bidding scheduled for spring of 2022. Construction is anticipated to begin in the summer of 2022 and should be completed by 2024.

PROJECT COSTS / FUNDING

The total projected cost for the project is currently estimated at \$53.5 million. The WCWSA has secured a funding commitment from the NY State Environmental Facilities Corporation (EFC), along with the following grants: a \$12.5 million-dollar Water Infrastructure Improvement Act (WIIA) grant, a \$1 million-dollar WQIP grant through NYS DEC, and a \$250,000 Local Aid State Assistance grant which was secured by New York State Senator Pamela Helming (R-54), supported by New York State Assemblyman Brian Manktelow.

Impacts on Users

Upon completion of the project and based on the current project budget, users can anticipate paying approximately \$554/year under the regional approach. *The estimated cost of \$554/year is broken down as follows:

1.) \$354/year for Project debt service and a capital reserve for future repairs and updates to project facilities. Note: These charges will appear annually on the Town tax bills of sewer users only. Portions of this charge are currently on your most recent tax bill if you are a sewer customer.

2.) \$200/year for sewer operations and maintenance upon project completion. This charge will come quarterly (\$50/quarter) on a WCWSA bill and will replace the sewer bill that you are currently paying.