

Interceptor rehabilitation project taking shape

An interceptor rehabilitation project by the Heart of the Valley Metropolitan Sewerage District is starting to take shape, which is good news for area residents. With a goal of receiving bids for the project late this year, HOVMSD continues to develop the final design and plan for the project, which will ensure area residents can “flush and forget it” for many years to come.

The project calls for installation of a liner inside the concrete interceptor pipe that carries sewage to the district’s treatment plant after video inspection found extensive surface corrosion. “The new liner that will be installed is resistant to acid, which has caused the corrosion,” said Brian Helminger, HOVMSD Director. “The corrosion threatens the longevity of the pipe. Without

action now, there will be more extensive damage over time which will be more costly to repair.”

The 5.5-mile interceptor system was originally installed in 1977 to serve Kaukauna, Kimberly, Little Chute, Combined Locks and the Darboy Sanitary District.

Helminger adds that the interceptor is structurally sound and has the remaining capacity to collect and treat wastewater for many years without major upgrades while protecting public health and the environment.

Strategic Municipal Services of Plymouth is the lead engineer for the project. The current timeline calls for project bids to be accepted in the fourth quarter of 2022, with project construction scheduled to take place in 2023 and 2024.

Opinion

An essential service, but how much do you know about HOVMSD?

By Brian Helminger
Director
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You'll be hearing more about the Heart of the Valley Metropolitan Sewerage District in the months ahead as we move forward with the major Interceptor System Rehabilitation project. It's an important project for an important service that residents don't often think about.

So, just what is HOVMSD? We are an essential service that you use every day: the wastewater treatment provider that serves the city of Kaukauna, the villages of Combined

Locks, Kimberly and Little Chute and the Darboy Sanitary District. HOVMSD was formed in 1974 to meet growing demand as the region's business and residential areas flourished. Communities and businesses can't grow if there isn't adequate sewer service.

HOVMSD uses a 5.5-mile gravity interceptor sewer to transport wastewater from the communities it serves to the wastewater treatment facility in Kaukauna, located on an island adjacent to the Ahlstrom-Munksjo-Thilmany Mill. The district also accepts and treats hauled waste discharged by local holding

and septic tank pumpers.

Since the creation of the Heart of the Valley Metropolitan Sewerage District in the 1970s, several major upgrades, requiring significant investment, have been made to the interceptor and treatment facility.

Those past projects and improvements have served the district's customers very well, ensuring reliable, quality service as regional growth continues. Now we're at a point where additional projects are needed to continue providing a service that you can count on day in, day out.

In order for the district to con-

tinue to meet its permit requirements for suspended solids and phosphorus, we need to install an additional effluent filtration step. This project is ready to go to bid and will be funded with a below market interest rate loan from the Clean Water Fund.

Additionally, the 5.5-mile interceptor system, which was installed in 1974, has experienced significant corrosion of the concrete pipe and manhole structures. The interceptor pipe remains structurally sound and has the flow capacity to serve the district and its communities for many years, but needs a new liner and application of acid resistant coatings to the manhole structures.

The effort is expected to take two construction seasons and be completed in 2024.

While all of this is occurring, HOVMSD will continue to provide our customers and area residents with the reliable service you've come to expect from us, while meeting or exceeding permit requirements and protecting the environment for future generations.

Brian Helminger is director of the Heart of the Valley Metropolitan Sewerage District which provides cost-effective wastewater collection and treatment for its member communities while protecting public health, safety and the quality of the environment.