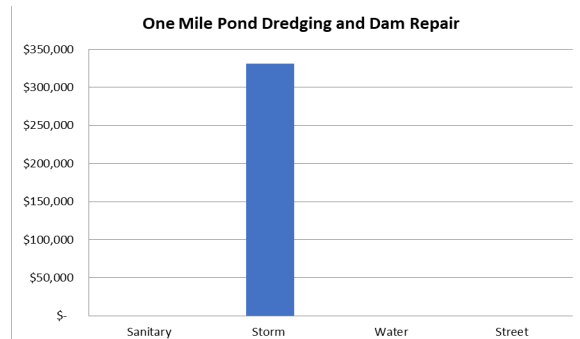
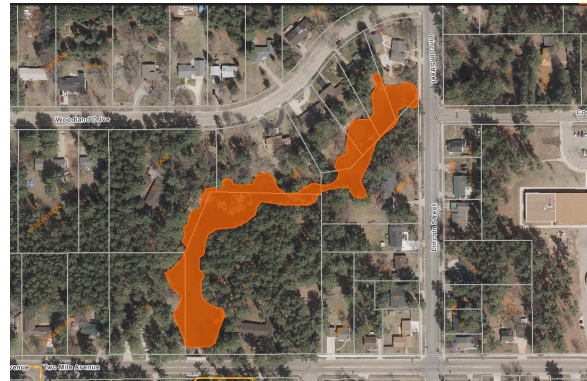


# Public Works Capital Improvements

## One Mile Creek Improvements PROJECT SUMMARY

- **Project Area: 80,000 Sq. Ft.**
- **Construction Year: 2024**
- **Total Cost of Improvements: \$330,800**
- **Classification: Creek**



### Project Need

The WDNR TMDL (Total Maximum Daily Load) implementation is forthcoming which places Total Phosphorus (TP) reductions on all storm water discharges from City of a certain size. The TMDL is also impacting other Cities and waste water treatment facilities across the Wisconsin River watershed. The City will be required to obtain TP reductions via storm water treatment which can be partly accomplished with storm water ponds.

### Value

Since the ponds are already in place, the modeled reduction represents an equivalent value of \$2.0 million or more. While this pond is an existing facility, the City is not currently taking credit for their sediment reduction capabilities – in general, the WDNR does not accept the use of BMPs that in-line within a navigable public waterway such as One Mile Creek. The WNDNR has affirmed that credit will be granted if the City has legal access and rights to performing dredging activities and installs a WDNR permitted dam at the water wheel location. This pond reduces Total Suspended Solids (TSS) city-wide by 3.26% and Total Phosphorus (TP) by 3.2%.

### Status of Project

As of September 2021, the second phase of an engineering study is being completed to conceptualize the pond improvements. A draft dredging plan has been complete and the permitting process with the WDNR has begun. If property owners and City are in agreement to move forward, permanent easements will be drafted and signed followed by further design & permitting.

The current project scope includes rehabilitation of the existing dam at Two Mile Avenue, removal of the dam closer to Lincoln St and dredging for the entire pond area between Two Mile Ave and Lincoln St.

2023/07/14