The Grant
The Okabena-Ocheda Watershed District received a $428,000 Clean Water Land and Legacy grant from the Minnesota Board of Water and Soil Resources in 2017 to expand the ponds and filter water at Worthington’s recently closed Prairie View Links Golf Course. When completed, the project will reduce phosphorus pollution to Lake Okabena by about 30 percent.

The grant was made possible by an engineering study paid for by the City showing that nutrient and sediment pollution entering Lake Okabena would be significantly reduced by building the project.

The grant will pay up to 75% of the project’s engineering and construction costs with Worthington paying the remaining costs. The grant is administered by the watershed district.

Worthington issued an easement to the watershed district allowing it to build the project on City owned property. The watershed district will operate and maintain the pond and filters in the future.

Project Construction
Construction began on the project in August 2017. Approximately 42,000 yards of soil were excavated to enlarge the surface area of the existing southern pond and build a spillway structure to increase the normal depth of the ponds.

Two sand filter benches were built on the sides of the southern pond. During normal flow conditions, all water leaving the ponds will pass through the sand filters.
The pond spillway was constructed in early October 2017 to allow high water flows to pass over the structure. The spillway was tested a few days after completion when the area received about 6.3 inches of rain.

The fall 2017 rain event showed that the sand filters were not draining the pond as designed. Construction to remove and replace the filter benches’ sand layers with a more porous sand mix was scheduled for 2018.

A large rain event in June 2018 damaged the pond spillway and delayed repairs of the sand filter benches. Repairs to the spillway and filters were completed during fall 2018.

A rain and snowmelt event in March 2019 damaged the spillway for a second time. The spillway was redesigned and replaced during the fall 2019 and areas disturbed by flooding and construction were reseeded.

FEMA and state disaster assistance paid the entire cost of the spillway repairs in 2018. It is expected that state and federal disaster assistance will also cover most of the 2019 spillway repair/replacement costs.

**Project Costs**

Construction and onsite engineering costs of the Prairie View pond and sand filter benches will total about $552,000. The Clean Water Land and Legacy grant from the Minnesota Board of Water and Soil Resources will pay $428,000 of the eligible costs with Worthington paying the balance.

In addition, Worthington spent approximately $70,000 to do the engineering needed to show the project was feasible and would significantly protect Lake Okabena before applying for the grant.

The project was built on City owned property. Worthington granted a permanent easement to the watershed district to operate and maintain the ponds and filters. Future maintenance costs will likely be split by the watershed district and City.

**For More Information Contact:**

Okabena-Ocheda Watershed District  
960 Diagonal Road, P.O. Box 114  
Worthington, MN 56187  
(507) 372-8228
okabenaocheda@gmail.com