

WASTEWATER TREATMENT PLANT UPGRADE

STATE PROGRAM: Wisconsin Department of Natural Resources

ASSISTANCE RECIPIENT: Consolidated Koshkonong Sanitary District Commission

ASSISTANCE AMOUNT: \$7,227,565



PROJECT DESCRIPTION

With population growth and existing facility deficiencies in mind, members of the Consolidated Koshkonong Sanitary District Commission devised a creative financing solution to fund construction on their main pump station and treatment lagoons. With an expected completion date of February 2021, installation of synthetic liners and other lagoon upgrades will improve the management of seepage rates and groundwater separation. Upgrades will also address new ammonia and phosphorus limits established in the District's Wisconsin Pollutant Discharge Elimination System Permit. These improvements will allow the District to meet future permit requirements and provide the staff flexibility to adapt to daily operational conditions.

Financing for the project was provided through six individual loan agreements to the sanitary districts that comprise the Commission. The four smallest of the six sanitary districts qualified for principal forgiveness, allowing the Commission to spread the financial burden and make the project more affordable for the communities. The principal forgiveness included costs related to compliance with new phosphorus limits. These treatment upgrades will support the Commission in achieving reliable, year-round treatment and contribute to the protection of local groundwater.

To read more about this case study, please visit https://www.epa.gov/sites/default/files/2021-02/documents/2020_pisces_compendium.pdf.