



Future MWRD projects that will be financed with CWI low-interest loans include:

- \$117 million for disinfection facilities at the Calumet and O'Brien Water Reclamation Plants to meet proposed fecal coliform standards. Chlorination will be used at the Calumet plant to kill bacteria before wastewater is released into the Little Calumet River. Ultraviolet lamps will be used for disinfection at the O'Brien plant to kill bacteria before wastewater is released into the North Shore Channel just north of the Chicago River. The deal will allow the O'Brien project to proceed a year sooner than anticipated.
- \$30 million for a Wet Weather Treatment Facility at the Lemont Water Reclamation Plant to better manage storm water.
- \$18 million for replacement of the O'Brien Sludge Pipeline, an 18-mile pipe which carries sludge from the O'Brien facility in Skokie to the Stickney facility for treatment and disposal. Built in the 1960s, it has developed a number of breaks resulting in sludge leakage. This project will replace pipeline in Skokie, Lincolnwood and Chicago, with construction expected this summer.
- \$15 million for a phosphorus recovery system at the Stickney Water Reclamation plant, with the loan allowing MWRD to push ahead with this sustainable resource management project a year ahead of schedule. It will recover phosphorus that would otherwise be discharged into waterways and convert it into a form that can be sold to the fertilizer industry, offsetting treatment costs and avoiding the environmental impact of rock mining this product.
- \$10.6 million for rehabilitation of the 95-year old Des Plaines River Interceptor Sewer 1 that serves the Villages of Westchester, Broadview, Bellwood, Berkeley, Hillside, Maywood, Melrose Park, River Forest and Forest Park. The aging sewer has cracks and infiltration that will be sealed with a new sewer liner.
- \$10 million for a state-of-the-art advanced biological process at the Egan Wastewater Reclamation Plant in Schaumburg to remove nitrogen from pollutants while cutting energy usage by 40 percent to treat this flow.
- \$9.1 million to rehabilitate mechanical and electrical components of the TARP tunnel systems to improve safety, prevent flooding and maintain functionality for another 30 years.
- \$5.6 million to reduce nuisance odors from the corroded Upper Des Plaines Intercepting Sewer. Construction is expected in June.

To learn more about the Illinois Clean Water Initiative, visit CleanWater.Illinois.gov.

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