

FOND DU LAC

Wastewater Treatment Plant



To improve the overall water quality of Lake Winnebago and reduce basement backups and flooding for an equivalent population of about 120,000, the City of Fond du Lac undertook a doubling in capacity of their existing wastewater treatment facilities. The City identified several key goals to be met by this project, including:

- Continued use of the existing plant site, which has been in use since 1929.
- Reuse of as many existing facilities as possible.
- Obtain the maximum available capacity while minimizing the potential for basement backups.
- Maintain uninterrupted operations of the plant during construction.
- Focus the City's resources on essential facilities.
- Minimize initial capital expenditures while reducing annual operating costs for the plant.
- Provide energy efficient, automated facilities.

In the end, this \$61 million, adaptive reuse facility provided the City with \$20 million in reduced capital cost and a projected annual decrease in operating expenditures of \$500,000 or about 10 percent of their 2004 budget for operations, all while reducing wastewater and stormwater pollution in Lake Winnebago, and blending the aesthetics of the site into a nearby renowned lakefront park.



**2009 Engineering
Excellence Awards**



**Client: City of Fond du Lac
Firm: Strand Associates, Inc.**