

Technology:

Reed Beds



North American Wetland Engineering

The Applications

Municipal Sludge Treatment

The Technology

As any sewage plant operator will tell you, solids management is the lion's share of time and money spent at a plant. Effective management of sludge is key to keeping operating costs low. Reed beds have been shown to provide a simple, long-term solution for the dewatering and treatment of sludge. They provide the same level of treatment but with half the hassle – and best of all – **reeds don't talk back.**



North American Wetland Engineering, LLC is an engineering consulting firm that aims to provide simple, environmentally-sound solutions for wastewater treatment. Our expertise in wetland treatment systems provides a strong foundation for design of reed beds for sludge treatment.

The Minnesota Pollution Control Agency supports the use of reed bed systems as an alternative to traditional aerobic or anaerobic sludge digestion. The Minnesota experience with reed beds has shown that they can passively treat sludge and do not pose odor problems. For some cases, the beds will sit for over 10 years before sludge must be removed. It is for these reasons that reed beds are fast becoming the preferred solids management approach for sludge treatment.

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practical, innovative solutions.

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