

Technology:

Wastewater Reuse



North American Wetland Engineering

The Applications

Single homes to
small towns

Industrial
wastewater

The Technology

Reuse of treated wastewater is fast becoming the norm for areas that have limited water supply and stringent discharge limits. NAWE stands out in the design of reuse projects because of expertise in both wastewater treatment and subsurface disposal systems. Perhaps more importantly, NAWE is experienced in implementing reuse on a manageable scale, on projects where the wastewater generated on site can be reused on site.

NAWE has engineered systems that collect and treat raw sewage for reuse as golf course irrigation water. In these projects, it is NAWE's broad experience in wastewater permitting coupled with the technical knowledge of soil adsorption systems that make the efforts successful. But wastewater reuse need not be limited to irrigation; in some instances a reuse system can offer cost savings. Such is the case for "cluster" developments that store treated wastewater and use it for fire fighting, which results in reduced insurance premiums for residents.



Reuse of wastewater is becoming more common, particularly as the methods and permitting become established. NAWE's experience and knowledge in designing projects that are innovative in the field of wastewater treatment and disposal provides a strong foundation for confidently developing reuse projects.



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