

The Florida Water Reuse Trail



**Become a member
of the “Trail”**

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Sponsored by:





The Florida Water Reuse Trail

The Concept

This will be a route through Florida showcasing exemplary water reuse projects and programs. Reuse projects will be selected for excellence and innovation and will have commitment from project owners to offer tours of their facilities. This is envisioned to be a web-based map and information system as well as physical site visits.

The Route

The primary trail corridor will follow this path: Pensacola to I-75 along I-10, south on I-75 to the Florida Turnpike, continuing south to I-4 in Orlando. I-4 west to the Tampa Bay area and across the Skyway Bridge (via I-275), continuing south down the west coast along I-75, east across the Peninsula on US41, and north to the Jacksonville area on I-95. Side excursions will be considered and the corridor will be expanded as necessary to include all reuse trail stops.

Our Sponsors

Florida DEP, the FWEA Water Reuse Committee, and WateReuse Florida will partner in the development and maintenance of the Florida Water Reuse Trail. Other potential sponsors may be considered in the future.

Information to be Displayed

- ◆ Information about exemplary reuse projects (name, project description/summary, contact information, directions/site map, and a fact sheet providing a summary of the reuse project).
- ◆ Information about selected state parks along the route (DEP's Park Service may assist).
- ◆ Information about selected tourist attractions along the route – possibly including golf courses irrigated with reclaimed water and open to the public. Our goal is to get courses to offer reduced rates to Trail visitors.

Selectivity

When approving applicants among reuse utilities and sites, it is likely that not all applications will be approved on the initial attempt. The Florida Water Reuse Trail Committee will only accept utilities having exemplary compliance records or those that may otherwise meet the selection criteria. Further, the sponsors will be allowed additional input of candidate projects prior to selection. Membership will be evaluated periodically to ensure that sites selected have maintained the level of excellence demonstrated during the application approval. Membership can be suspended at any time that these standards are not met, or if requested by the participating utility.

Utility Commitments

Reuse utilities featured on the Trail must agree to participate and to allow tours of their reuse facilities. Posting and maintenance of signs may be required, and publications (brochures, pamphlets, and info sheets) will be encouraged.

Potential Visitors

Water, reuse, environmental and water resources professionals from across the globe; students, educators, and the general public; along with representatives of utilities wanting to initiate, expand, or improve their reuse projects.

Timing

The initial stops along the Florida Water Reuse Trail are expected to be approved by the end of 2007. The Trail will continue to be populated upon approval of successful applications. Applicants not initially approved by the selection committee are encouraged to discuss the steps necessary to obtain future membership on the Trail.



Application The Florida Water Reuse Trail

Applications must be submitted for consideration by the Florida Water Reuse Trail Selection Committee. The following information* should be assembled and submitted in support of Trail Membership:

RECLAIMED WATER QUALITY:

1. Provide a **summary** of the previous 12 months of the wastewater treatment facility permit compliance information including exceedences of reclaimed water parameters and a copy of the last FDEP inspection.
2. Provide Reclaimed Water Operating Protocol documentation and strategies used to control pathogens, including most recent protozoan pathogen results.
3. Provide a description of treatment and reuse system reliability, including wet weather/backup and supplemental supply considerations.

WATER REUSE SYSTEM:

1. Percentage of actual wastewater flow being reused – please provide the treatment plant permitted capacity, reuse capacity, treatment plant flow and reuse flow for the previous twelve months.
2. Innovative uses of reclaimed water – provide all uses of reclaimed water for your system.
3. Detailed description of benefits derived from water conservation/water resource management – include an evaluation of potable water demand reduction and any receiving water benefits such as reduction in surface water discharge or reduction in potable water use.
4. Reclaimed water rate schedule – is it volume based or flat rate.
5. Cross-connection control (CCC) and inspection program effectiveness – provide a complete description of the actual operation of the CCC program including inspection frequencies.
6. Proposed signage, tours, activities, and other information you will use to make the visits memorable.
7. Existing website information and willingness to assist in populating your site for a virtual tour.
8. Other unique aspects of your reuse system that you believe will benefit those visiting your facility.

PUBLIC EDUCATION/INFORMATION:

1. Community and public education tools.
2. New customer education programs.
3. Ongoing notification program for existing customers.

The Committee encourages all those involved in water reuse to submit an application for Trail membership. The Trail is open to all types of reuse systems that constitute a beneficial use of reclaimed water, including reuse systems without public access. Applications can be obtained on the WateReuse Florida website (www.watereuse.org/fl).

Completed forms should be returned to the Committee Chair (mmcneal@asrus.net) who will then present the application to the Trail Selection Committee for consideration. The committee reserves the right to approve or reject membership as best serves the integrity of the Trail. Electronic submittals are required, with Adobe™ Acrobat or Microsoft Word formats preferred.

**The application information for the Florida Water Reuse Trail is similar to that required for consideration of the FWEA York Awards. Applicants are also encouraged to submit this information for consideration of future York Awards for their reuse programs. York Award winners are considered to be strong candidates for Trail membership.*