

## WHAT IS RECLAIMED WATER?



Reclaimed water is produced at three of the Counties Water Reclamation Facilities. Reclaimed water is wastewater that has been processed through advanced

treatment systems to meet stringent reclaimed water quality standards that are mandated by the State of North Carolina.

Reclaimed water is an environmentally friendly product because it minimizes the amount of potable water that must be produced to meet County water demands.

Reclaimed water is safe, contact with it will not cause any harm to people, pets, or property, however, use is regulated by the State of North Carolina. Reclaimed water systems have operated for many years in the United States.

## WHERE IS RECLAIMED WATER?

Currently reclaimed water is produced at West Brunswick Regional, Sea Trail and Ocean Isle Beach treatment facilities.

Ocean Isle Beach Water Reclamation Facility is rated at 1.050 MGD. Although the plant produces reclaimed water, currently this water is only used within the site on spray fields owned and maintained by Brunswick County.

Sea Trail WWTF is rated at 0.30 MGD and produces reclaimed water for the three golf courses at Sea Trail Plantation, these courses are Jones, Byrd and Maples. Although Brunswick county owns and maintains the facility the courses are privately owned.

West Brunswick Regional Water Reclamation Facility is the county's largest plant rated at 6.0 MGD. Currently we irrigate Two courses at St. James, Members Club and The Reserve, and Carolina National at Winding River.

Reclaimed water fosters healthy, green lawns and landscaping and is ideal for irrigation since it can be provided at a nearly constant pressure and contains some nutrients that can minimize the need for fertilizer.

Reclaimed water can minimize or eliminate the need to expand potable water supply and production, ultimately saving money for the community.

## HOW CAN WE USE RECLAIMED IT?

Residential and Business customers may use reclaimed water for landscape irrigation, especially in irrigation systems designed or converted to comply with Reclaimed water irrigation requirements. Reclaimed water can also be used for a limited number of other purposes like:

- Dust control for street sweeping
- Roadway pre-treatment
- Directional boring

- Vehicle washing
- Pesticide application
- Pressure washing
- Decorative ponds and fountains that do NOT have a drain to surface waters, storm drains, or catch basins.
- General construction purposes such as soil compaction, dust control, and asphalt reclamation
- Cooling tower and boiler blowdown water
- Toilet flushing

## WHAT IS NOT ALLOWED:

- Irrigation during inclement weather
- Do not water excessively
- Do not allow runoff from irrigated areas to run into the street, ditches, or streams
- Do not allow water to form ponds or pools in your lawn
- NEVER connect a reclaimed water hose to any part of your house plumbing
- Only use your reclaimed water for approved uses
- Do Not Drink

## INFORMATION CONTACT

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