

What will be done with treated – or “reclaimed” – water, once it goes through the water reclamation facility?

- Step 1:**
- Land application/irrigation of timber areas during dry periods of year, as outlined in Mason County's 2007 *Belfair/Lower Hood Canal Water Reclamation Facilities Plan*
 - Storage pond holds water during wet periods of the year
 - Initial irrigation system will be sized to handle 125,000 gallons of flow to the treatment plant during a maximum month
 - Irrigation system could be expanded in future up to 250,000 gallons of wastewater treated per day
- Step 2:**
- Continue Step 1 irrigation and storage methods
 - Maximize use of reclaimed water by bringing more customers online for “purple pipe” uses of reclaimed water

Why are there multiple steps and plans for water reuse from this facility?

1. The irrigation use is only one of the beneficial uses for the water. It is the first use because it is available now and is in the Department of Ecology-approved *Belfair/Lower Hood Canal Water Reclamation Facilities Plan*.
2. Soil conditions are less permeable than anticipated.
3. Reclaimed water offers opportunities for the Mason County community to encourage beneficial reuse of water for long-term water conservation and stewardship.



Photo by Doug Berschauer

The Belfair Water Reclamation Facility will treat wastewater (shown at right) to Class A standards for water reuse (at left).