

# ENVIRONMENTAL FOOTPRINT COMPARISON TOOL

*A tool for understanding environmental decisions related to the pulp and paper industry*



## EFFECTS OF DECREASED RELEASE OF BOD/COD & TSS ON WATER USE

### Liquor Loss Control and Spill Recovery

A common technique for reducing the load of BOD, COD, and/or TSS sent to wastewater treatment systems is to implement pulping liquor loss control and/or recovery systems. Minimizing and/or recovering losses and spills can reduce discharges to water by both reducing the load on the wastewater treatment system and by reducing the day-to-day variability in untreated wastewater load, leading to more stable treatment system performance.

In some cases, the practices employed have the co-benefit of reducing effluent volumes through direct recovery of losses (e.g., collection of liquor spills into the liquor recovery system), and through the avoidance of water used to clean up spills (e.g., wash-up of fiber, paper coating, or lime spills).