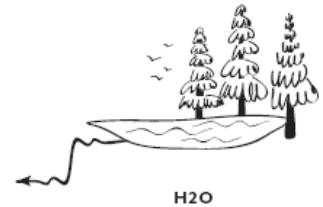


ENVIRONMENTAL FOOTPRINT COMPARISON TOOL

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



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

In-Process Improvements

One technique for reducing the load of BOD, COD, and/or TSS sent to wastewater treatment is the application of improved efficiency of pulp or paper processing. Techniques vary widely and are facility-specific. Generally, such methods result in improvements in raw material utilization and thus the loss of fewer materials that contribute load to the wastewater treatment system. Some of these techniques yield a concurrent reduction in water use and thus have the co-benefit of both load and flow reduction. Examples include upgraded heat recovery systems, improved pulp washing or screening systems, and others. Again, the viability of in-process load reduction techniques having co-benefits in water use reduction is very mill-specific.