

# ENVIRONMENTAL FOOTPRINT COMPARISON TOOL

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



SOLID WASTE

## EFFECTS OF DECREASED RELEASE OF CHLORINATED COMPOUNDS ON SOLID WASTE

### Wastewater Residuals

In 1999, a review of the dioxins and furans in pulp mill wastewater treatment plant residuals found that, on a TEQ basis, the levels in municipal wastewater treatment plant residuals were more than an order of magnitude greater than the average for ECF mill wastewater treatment plant residuals (Wiegand, Thacker, and Miner 1999). (TEQ stands for “toxic equivalents” and it sums all of the dioxins and furans on the basis of their relative toxicity).

### References

Wiegand, P., Thacker, W., and Miner, R. 1999. Effluent quality at kraft mills that use complete substitution bleaching. *TAPPI Journal* 82(4): 135-144.