

## EXECUTIVE SUMMARY

The Department of Ecology’s Technical Resources for Engineering Efficiency (TREE) team worked with the Longview Fibre Company in Yakima to find ways to reduce resource use, waste disposal, and associated costs. This facility manufactures corrugated containers. TREE visited the facility several times to observe current practices, gather data, and identify potential savings. This report presents TREE’s evaluation of Longview’s best opportunities to reduce their water use, wastewater discharges, and solid waste disposal.

In 2003 Longview paid over \$100,000 for water use and discharge to the City of Yakima. From implementing opportunities in this report, they could save about \$34,800 on water, and an additional \$65,300 in other areas. The opportunities address reducing and monitoring the volume, biological oxygen demand and total suspended solids in the wastewater discharge, reusing water, and increasing solid waste recycling.

**TABLE 1: ANNUAL SUMMARY – ALL OPPORTUNITIES**

Opportunity	Total One Time Investment Costs	Total One Time Savings	Total Annual Dollar Savings
Reuse Printer Wastewater	\$2,000	\$300,000	\$66,400
Monitor Wastewater	\$12,000		\$25,000
Pallet Recycling			\$4,180
Bucket Washing	\$23		\$3,700
Containerboard			\$770
<b>Total</b>	<b>\$14,023</b>	<b>\$300,000</b>	<b>\$100,050</b>