

2008 Engineering, Pulping and Environmental Conference



August 24-27, 2008 • Portland, Oregon, USA

Mill Tour Information: Weyerhaeuser - Longview Liquid Packaging

A guided tour of Weyerhaeuser's largest kraft pulping facility and powerhouse

Wednesday morning, August 27. Additional fee of \$35 required

Mill Description

The mill receives chips by rail, truck and barge. Four species, hardwood (mostly alder), pine, hemlock and Douglas fir are stored in open piles. The chips are screened and conveyed to a kamyr digester with extended O₂ delignification. The bleach system utilizes chlorine dioxide and hydrogen peroxide and is D, Eop, D. Bleached stock is sent to the bleached board machine or wet lap machine.

The chemical recovery consists of two multiple effect evaporators, a high solids crystallizer and recovery boiler which was rebuilt in 2002. The recaust area uses ecofilters for liquor clarification. The powerhouse also has a waste wood boiler, three power boilers, demineralizers and four turbine generators.

The effluent treatment system is a waste activated system with a primary clarifier, spill pond, three deep aeration tanks, four secondary clarifiers and four screw presses.

Arial view of Weyerhaeuser Longview Mill

