

PT Toba Pulp Lestari Effluent Treatment Plant (ETP)

- 100% wastewater from wood yard, pulping process, chemical plant, chemical recovery loop, energy, landfill and other supporting facilities are treated before being discharged into the river
- Effluent treatment involves physical process (screening, deposition, temperature reduction), biological process (activated sludge process) and minor Chemical process (floc formation, pH adjustment)
- One emergency pond is allocated to ensure stable and homogenous wastewater quality to be treated to ensure quality prior discharge
- Effluent treatment is controlled by Distributed Control System (DCS), online waste water quality analyzers and 24 hour laboratory control
- Wastewater quality is checked regularly by accredited laboratory following regulation standard and maximum permissible limits

