PT Toba Pulp Lestari Effluent Treatment Plant (ETP)

1. 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.
2. Effluent treatment involves physical process (screening, deposition, temperature reduction), biological process (activated sludge process) and minor Chemical process (floc formation, pH adjustment).
3. One emergency pond is allocated to ensure stable and homogenous wastewater quality to be treated to ensure quality prior discharge.
4. Effluent treatment is controlled by Distributed Control System (DCS), online waste water quality analyzers and 24 hour laboratory control.
5. Wastewater quality is checked regularly by accredited laboratory following regulation standard and maximum permissible limits.