



## ADVANTAGES OF CTP SYSTEM

- Small footprint. CTP occupies as little as 40% of the space required by a conventional activated sludge treatment system.
- High quality effluent produced and reusable. In the CTP treatment plant, the final effluent quality can be tailored to the mill's needs.

## CTP PROCESS

A typical tertiary POME treatment process is shown in *Figure 1*.

## COST

The estimated cost for a CTP plant for a 30-tonne FFB hr<sup>-1</sup> palm oil mill is RM 1.4 million, depending on the existing primary effluent plant set-up. The cost of the plant will also depend on the selection of clarifier, sludge mixer and micro screen.

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