

A WASTEWATER TREATMENT SYSTEM

ABSTRACT

The present invention relates to a wastewater treatment system, which
5 comprises of a reaction tank (10), a sedimentation tank (12) and a bottom
tank (14) housed therein. The reaction tank (10) further includes a plurality of
spaced apart flat plates (22) vertically positioned therein. The sedimentation
tank (12) further includes a particle retaining means (26) and at least two
collection channels (30). The bottom tank (14) includes a sludge collection
10 chamber. The wastewater will flow from the reaction tank (10) into the
sedimentation tank (12) by its own velocity thereafter filling the bottom tank
(14) slowly to allow the sludge to settle at the bottom of the bottom tank (14)
and into the sludge collection chamber (32). The remaining wastewater will
flood the particle retaining means (26) thus allowing treated water to overflow
15 the collection channels (30) and thereafter flow out of the wastewater
treatment.

Figure 1 accompanies the abstract.