CONTRIBUTIONS TO DESIGN AND SAFE
EXPLOITATION OF WASTEWATER TREATMENT
PLANTS FOR SMALL COMMUNITIES

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Abstract

A new concept for the design of wastewater treatment plants in rural communities and
small towns was proposed, consisting in the replacement of the primary settlement tank
with an equalization intake tank, a selector compartment and a secondary settlement tank
designed in order to improve the quality of biological sludge.

Keywords: small community, waste water treatment plant, flow, organic loads

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