

RECYCLING OF WASTEWATER FOR AGRICULTURAL PURPOSES

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ABSTRACT

This project would include pretreatment, primary treatment, secondary treatment and tertiary treatment. This treatment is specially designed to treat wastewater used in agricultural purpose only, not others because different treatment process is needed for different usage.

Pretreatment would include removal of pollutants that will interfere with the operation of a Waste Water Treatment Plant (WWTP) according to The Clean Water Act.

Primary treatment includes the removal of light organic suspended solids, after being removed would be termed as raw sludge.

The main purpose of secondary treatment is to remove the soluble Biological Oxygen Demand (BOD) that escapes primary treatment and to provide further removal of suspended solids.

Tertiary treatment is a specially designed process to reduce or compose a suitable level of minerals and chemicals in the water so that it will be suitable for usage in agriculture.