



# Wastewater Treatability Studies

## Technology Overview

Treatability studies are used in the wastewater treatment processes to help determine how wastewater might be properly managed; ensuring effective treatments are considered and/or implemented. These studies pinpoint which contaminants need to be removed in addition to narrowing down the ideal technological solutions.

Treatability studies of wastewater determine appropriate treatment technique/s to be utilized, type of treatment chemicals and their dosages, quantification of sludge generation, and process design parameters. Also, it estimates the scaling up of treatment process parameters and operational status of wastewater treatment process.

## Potential Application

Wastewaters with various characteristics are subjected to treatability studies to determine the most appropriate, environmental friendly and economical treatment technology.

## Advantages

- Treatability studies of wastewater facilitate appropriate design and implementation of wastewater treatment systems by:
- Eliminating incorrect decisions on the selection of appropriate treatment technologies and treatment equipment.
- Ensuring proper solutions are implemented.

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