

Wastewater System Components

Where does it begin?

When you flush the toilet!!!




- Not knowing everything about your Industrial and Municipal wastewater can bring unexpected results...



Three Main Segments



Wastewater
Source



Collection
Systems



Wastewater
Treatment
System

Collections System

- What is it?
 - Pipes and pumps for collection of sewage and waste material

What is the Wastewater Treatment Process?

Performing nature's work in a controlled setting.

Where does it all go?!

- The Wastewater Treatment Plant



Types of Wastewater Treatment Systems

Lagoons

- Effective units in dry climates with low rainfall
- Requires large footprint – usually a series of 3-4 lagoons



Package Plant

Effective for small systems, 250 connections or less

Expensive to expand



Activated Sludge

- Typical type of plant for Cities

