

Lafayette College

Department of Civil and Environmental Engineering

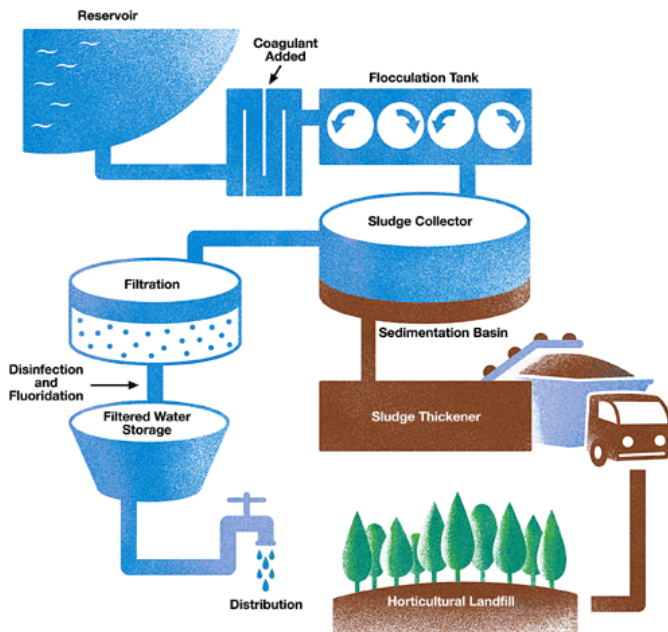
CE 321: Environmental Engineering and Science

Fall

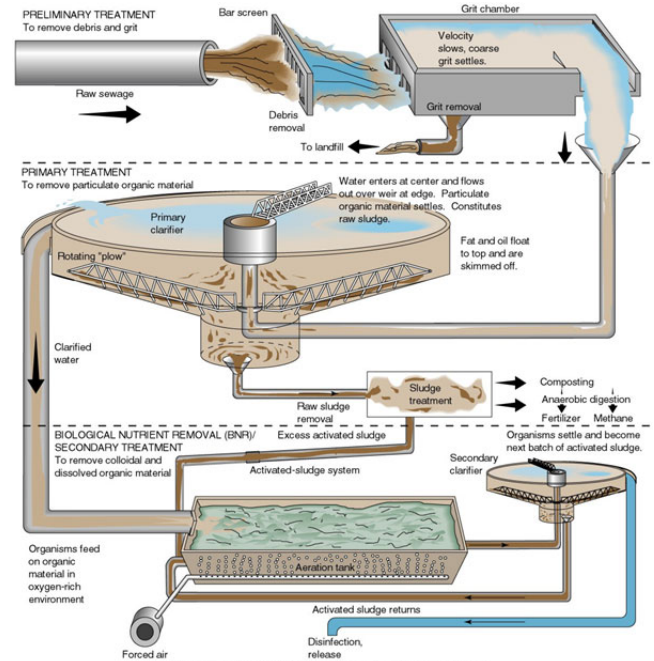
Key Differences Between WTP and WWTP

Treat	Water Treatment (WTP)	vs.	Wastewater Treatment (WWTP)
Process	<i>Inorganic</i>		<i>Organic</i>
Source	<i>Chemical</i>		<i>Biological</i>
Gas	<i>River/Ground Water</i>		<i>Residential and Industry</i>
Drink	<i>None Produced</i>		<i>CO₂ and Methane (CH₄)</i>
Solids	YES		NO
Disinfection (Cl₂)	<i>No nutrient value</i>		<i>Nitrate, phosphate and more</i>
	YES		YES

Water Treatment Plant



Wastewater Treatment Plant



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