







- Determine the influent characteristics:

<b>PARAMETERS</b>	<b>CONCENTRATION (mg/L) *</b>
Total solids	
Suspended solids	
Dissolved solids	
Organic Matter, BOD <sub>5</sub>	
COD	
Total Nitrogen	
Phosphorus	
E. coli	

- Reference:

<b>PARAMETERS</b>	<b>CONCENTRATION (mg/L) *</b> <b>RANGE</b>	<b>CONCENTRATION (mg/L) *</b> <b>TYPICAL IN DEVELOPING COUNTRIES</b>
Total solids	700 - 1350	1100
Suspended solids	200 - 450	350
Dissolved solids	500 - 900	700
Organic Matter, BOD <sub>5</sub>	250 - 400	300
COD	450 - 800	600
Total Nitrogen	35 - 60	45
Phosphorus	4 - 15	7
E. coli	10 <sup>6</sup> – 10 <sup>9</sup> (org/100ml)	10 <sup>7</sup> (org/100ml)

- Determine the effluent characteristics:

PARAMETERS	CONCENTRATION (mg/L) *
Value of SS (mg/L)	
BOD (mg/L)	
Nitrogen (mg/L)	
Phosphorus (mg/L)	
E. coli (org/100mL)	

- Select the treatment technology:

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