

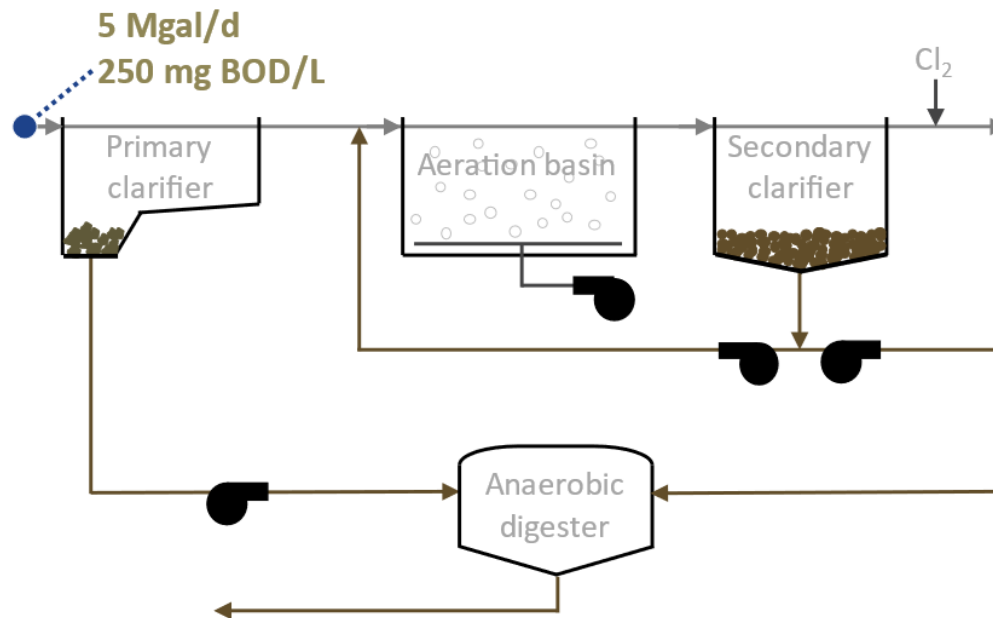
HOMEWORK– Follow the BOD

Purpose

To develop an understanding of the life of BOA as it moves through the plant as well the impact of the primary clarifier has on potential decarbonization.

Using the example from the webinar and shown below, complete the table on the following page:

5 Mgal/d Used to be Economy -of-Scale Cutoff for Anaerobic Digesters



Wastewater Energy Optimization

BETTER BUILDINGS, BETTER PLANTS

Primary clarifier BOD removal (%)	BOD _{PS} (lb BOD/d)	BOD _{PE} (lb BOD/d)	BOD _{WAS} (lb BOD/d)	BOD _{RESPIRED} (lb BOD/d)	BOD _{PS} /BOD _{WAS}
23					
33	3,440	6,985	4,191	2,394	0.82
43					
53					