EVE 405 Lesson 07: Overview of Wastewater Treatment

Instructional Objectives

1. Define what is meant by a unit operation and a unit process. Give examples of each type.
2. List and define preliminary, primary, secondary, tertiary, and advanced wastewater treatment.
3. Define biological nutrient removal (BNR) in your own words.
4. Describe in your own words the major objectives of conventional wastewater treatment.
5. Draw a schematic diagram of a conventional WWTP.
6. Describe in your own words the major objectives of advanced wastewater treatment.
7. Draw a schematic diagram of an advanced wastewater treatment plant.

Study Assignment

1. Read page 114 and pages 119-127 in course text

Homework