Lesson 07

EVE 405 Lesson 08: Preliminary Treatment

Instructional Objectives

1. Identify major unit operations and processes used in preliminary wastewater treatment.
2. Calculate the head loss through a bar rack or bar screen and specify screen opening size, type, manufacturer, etc.
3. List and discuss several methods for measuring wastewater flow rate.
4. Calculate the flow rate through a Parshall Flume or venture meter.

Study Assignment

1. Read pages 134-148 in course text

Homework

1. Work problems 7.1 and 7.3