Lesson 4

**EVE 405 Lesson 04: Wastewater Sources & Flows**

**Instructional Objectives**

1. List and discuss 4 major sources of wastewater specifying general characteristics of each.
2. Explain the difference between point and non-point sources of pollution.
3. List and discuss the three major types of wastewater collection systems.
4. List the typical flow value used per capita for estimating the average daily flow entering a wastewater treatment plant (WWTP).
5. Estimate the minimum, average daily, and peak flows used for designing the capacity of wastewater treatment plants.

**Study Assignment**

1. Read pages 93-102 in course text

**Homework**

1. Work problems 5.1 and 5.2
2. **Work on Technical Memorandum No. 1: Basis for Design due January 31, 2008**