1. What is the total solids loading to the primary clarifiers?
   a. 12,760 lbs/day
   b. 8,557 lbs/day
   c. 5,254 lbs/day
   d. 4,760 lbs/day

2. How many pounds of suspended solids are removed across the primary clarifiers?
   a. 3,600 lbs/day
   b. 4,510 lbs/day
   c. 7,506 lbs/day
   d. 8,416 lbs/day

3. How many pounds of solids are under aeration?
   a. 2,875.0 lbs
   b. 5,254.5 lbs
   c. 9,111.4 lbs
   d. 9,254.5 lbs

4. What is the solids loading rate to the secondary clarifiers?
   a. 29.6 lbs/day/sq. ft
   b. 31.2 lbs/day/sq. ft
   c. 33.4 lbs/day/sq. ft
   d. 34.9 lbs/day/sq. ft

5. What is the percent removal of CBOD5 across the plant?
   a. 95.8%
   b. 96.9%
   c. 97.9%
   d. 98.6%
6. What is the sludge age of the facility?
   a. 0.7 days
   b. 1.7 days
   c. 2.7 days
   d. 3.7 days

7. What is the solids retention time (SRT) in the system?
   a. 7.8 days
   b. 8.9 days
   c. 9.7 days
   d. 10.9 days

8. What is the total solids loading to the discharge stream?
   a. 180.1 lbs/day
   b. 240.2 lbs/day
   c. 280.1 lbs/day
   d. 340.2 lbs/day

9. What is the solids removal rate across the primary clarifier?
   a. 58.8%
   b. 61.2%
   c. 69.4%
   d. 75.2%

10. Given the following information:
    Wet weight: 1.9875 grams
         Dry weight: 0.1275 grams
         Ash weight: 0.1065 grams

     The total solids is:
     a. 5.25%
     b. 6.24%
     c. 6.42%
     d. 6.64%