



Air Pollution Control District  
San Luis Obispo County

**EMISSIONS INVENTORY INFORMATION**  
For Inventory Year - 2021

**FORM 7: WASTE WATER TREATMENT**

Facility ID \_\_\_\_\_ Facility Name \_\_\_\_\_ Contact \_\_\_\_\_

Please fill in all applicable spaces and retain a copy for your records.

1. Average daily throughput (million gallons per day): \_\_\_\_\_ mmgal/day **(A)**

2. Biological treatment process (e.g. conventional activated sludge, oxidation ditch):  
\_\_\_\_\_

3. Sludge treatment process (e.g. aerobic digester, anaerobic digester, none):  
\_\_\_\_\_

4. Influent annual average BOD5 (milligrams per liter): \_\_\_\_\_ mg/L

5. Influent annual average total Nitrogen (milligrams per liter): \_\_\_\_\_ mg/L

Calculate emissions using 6a **or** 6b.

**6a.** Emissions (lb/year):

$$( \text{_____} \text{ (A) million gal/day} ) \times ( \text{106 lb/million gal/day/year} ) = \text{_____} \text{ lb/year}$$

\* **(A)** is the Daily Average Throughput from line 1. above.

\* Note that the emission factor of **106** used in 6a. is based on estimated VOC emissions from average POTW's with flows of less than 10 million gal/day in southern California.

**Example 6a.** calculation assuming 2.4 million gallons per day average daily throughput:

$$( \text{2.4} \text{ million gal/day} ) \times ( \text{106 lb/million gal/day/year} ) = \text{254.4} \text{ lb/year}$$

**6b.** Emissions (lb/year) Using Alternate Emission Factor:

$$( \text{_____} \text{ (A) million gal/day} ) \times ( \text{_____} \text{ (B) lb/million gal/day/year} ) = \text{_____} \text{ lb/year}$$

\* Please provide documentation supporting the emission factor **(B)** used in 6b.

Remarks