



Air Pollution Control District
San Luis Obispo County

EMISSIONS INVENTORY INFORMATION
For Inventory Year - 2023

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