SLO COUNTY apcd | Air Pollution Control District San Luis Obispo County

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):

(_____ (**A**) million gal/day) X (**106** lb/million gal/day/year) = _____ 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:
   (__2.4__ million gal/day) X (**106** lb/million gal/day/year) = 254.4 lb/year

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

(_____ (**A**) million gal/day) X (_____ (**B**) lb/million gal/day/year) = _____ lb/year

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

Remarks