

S03 - GENERAL SLUDGE PROCESSING-UNCONTROLLED**CALCULATION METHODS**

Ea = Ua (lbs/year) x EF (lbs/lbs sludge)

Eh = Uh (lbs/hour)x EF (lbs/lbs sludge)

NOTES:

- Emission factors are based on Encina Waste Water Treatment Plant test data obtained on 1991 and 1993.

Pollutant	District Emission Factor (lbs/ton sludge produced)	Reference Document	EPA Factor	Units	Comments
TOG	3.44	Emission Testing of Two Water Scrubbers		lbs/ton	
VOC	0.34	Emission Testing of Two Water Scrubbers		lbs/ton	
Ammonia	0.402	Emission Testing of Two Water Scrubbers		lbs/ton	
Benzene	0.000406	Emission Testing of Two Water Scrubbers		lbs/ton	
Ethylene Dichloride	0.000744	Emission Testing of Two Water Scrubbers		lbs/ton	
Hydrogen Sulfide	0.0686	Emission Testing of Two Water Scrubbers		lbs/ton	
Methylene Chloride	0.000922	Emission Testing of Two Water Scrubbers		lbs/ton	
Sodium Hydroxide	0.0000872	Emission Testing of Two Water Scrubbers		lbs/ton	
Toluene	0.00576	Emission Testing of Two Water Scrubbers		lbs/ton	
Xylenes (mixed)	0.00097	Emission Testing of Two Water Scrubbers		lbs/ton	

Last Updated on 11/25/2025
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