

W06-GENERIC PLANT - UNCONTROLLED

CALCULATION METHODS

Ea = Ua (million gal/year) x EF (lbs/million gal thru put)

Eh = Uh (million gal/hour)x EF (lbs/million gal thru put)

NOTES:

- Emission factors are an average of all source test data (Encina 1991/1993 and Point Loma 1990/1996).

Pollutant	Emission Factor (lbs/million gallons)	Reference Document	ARB Factor	Units	Comments
TOG	2.21			lbs/million gal	
VOC	0.1			lbs/million gal	
Acetone	0.0024			lbs/million gal	
Ammonia	0.0308			lbs/million gal	
Benzene	0.00431			lbs/million gal	
Benzyl Chloride	0.000642			lbs/million gal	
Bromodichloro-methane	0.00017			lbs/million gal	
Bromoform	0.00014			lbs/million gal	
Carbon Disulfide	0.0156			lbs/million gal	
Carbon Tetrachloride	0.0213			lbs/million gal	
Chlorine	0.0107			lbs/million gal	
Chlorobenzene	0.0000575			lbs/million gal	
Chloroform	0.0699			lbs/million gal	
Chlorofluorocarbons	0.00259			lbs/million gal	
P-Dichlorobenzene	0.00977			lbs/million gal	
Dimethyl Sulfide	0.000137			lbs/million gal	
1,4 - Dioxane	0.0825			lbs/million gal	
Ethyl benzene	0.00109			lbs/million gal	
Ethylene Dichloride	0.0726			lbs/million gal	
4-Ethyl Toluene	0.000203			lbs/million gal	CAS 622-96-8, not included on EIS/Cal Method as is not currently listed on Toxics Hots Spots as of 04/19/2023.
Formaldehyde	0.0112			lbs/million gal	
2-Hexanone	0.0000475			lbs/million gal	CAS 591-78-6, not included on EIS/Cal Method as is not currently listed on Toxics Hots Spots as of 04/19/2023.

Hydrogen Sulfide	0.831			lbs/million gal	
Methane	0.259			lbs/million gal	
Methanol	0.00000603			lbs/million gal	
Methylene Chloride	0.184			lbs/million gal	
Methyl Ethyl Ketone	0.0000774			lbs/million gal	
Perchloroethylene	0.0338			lbs/million gal	
Sodium Hydroxide	0.00119			lbs/million gal	
Styrene	0.000045			lbs/million gal	
Toluene	0.00953			lbs/million gal	
1,1,1 - Trichloroethane	0.00551			lbs/million gal	
Trichloroethylene	0.0438			lbs/million gal	
Trimethylbenzenes	0.00037			lbs/million gal	
Vinyl Chloride	0.000567			lbs/million gal	
Xylenes	0.00424			lbs/million gal	

Last Updated on 04/19/2023 (W06)
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