

W07-GENERIC PUMP STATION - UNCONTROLLED

CALCULATION METHODS

$E_a = U_a$ (million gal/year) x EF (lbs/million gal thru put)

$E_h = U_h$ (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	0.277			lbs/million gal	
VOC	0.00137			lbs/million gal	
Acetone	0.000401			lbs/million gal	
Ammonia	0.0114			lbs/million gal	
Benzene	0.00223			lbs/million gal	
Benzyl Chloride	0.000107			lbs/million gal	
Bromodichloro-methane	0.0000334			lbs/million gal	
Bromoform	0.0000234			lbs/million gal	
Carbon Disulfide	0.0158			lbs/million gal	
Carbon Tetrachloride	0.00556			lbs/million gal	
Chlorobenzene	0.0000096			lbs/million gal	
Chloroform	0.0196			lbs/million gal	
Chlorofluorocarbons	0.0227			lbs/million gal	
P-Dichlorobenzene	0.00993			lbs/million gal	
Dimethyl Sulfide	0.0000229			lbs/million gal	
1,4 - Dioxane	0.0845			lbs/million gal	
Ethyl benzene	0.0000663			lbs/million gal	
Ethylene Dichloride	0.0741			lbs/million gal	
4-Ethyl Toluene	0.0000338			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	0.00066			lbs/million gal	
2-Hexanone	0.0000079			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	0.277			lbs/million gal	
Methane	0.206			lbs/million gal	
Methylene Chloride	0.0335			lbs/million gal	
Methyl Ethyl Ketone	0.0000129			lbs/million gal	
Perchloroethylene	0.0335			lbs/million gal	
Styrene	0.0000075			lbs/million gal	
Toluene	0.00501			lbs/million gal	
1,1,1 - Trichloroethane	0.00522			lbs/million gal	
Trichloroethylene	0.0302			lbs/million gal	
Trimethylbenzenes	0.0000615			lbs/million gal	
Vinyl Chloride	0.000005			lbs/million gal	
Xylenes	0.00115			lbs/million gal	

Last Updated on 04/19/2023 (W07)
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