

## UC DAVIS LOCAL LIMITS - NUMERICAL LOCAL LIMITS

The following sewer discharge limitations have been established for UC Davis. These limitations apply at the point of discharge to the sanitary sewer system (e.g., laboratory drains). Wastewater exceeding any of these limitations can not be discharged without specific approval from UC Davis Facilities Management - Utilities (the people responsible for operation of the Wastewater Treatment Plant). For constituents not listed below or other inquiries, please contact Michael Fan, Facilities Management - Utilities at 752-7553 or via e-mail mmfan@ucdavis.edu.

CONSTITUENT	Local Limit*
	ug/l (for each discharger)
<b><u>General</u></b>	
Ammonia-Nitrogen	240,000
BOD (5)	---
Cyanide	20
Total Suspended Solids	---
Electrical Conductivity	900 (umhos/cm)
<b><u>Metals</u></b>	
Aluminum	87
Antimony	5.6
Arsenic	8
Barium	700
Beryllium	4
Cadmium	1.8
Chromium VI (Hexavalent)	59
Chromium (Total)	200
Cobalt	1200
Copper	No added copper
Iron	3000
Lead	21
Molybdenum	8.5

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Nickel	52
Selenium	3.5
Silver	1.2
Thallium	2.2
Vanadium	540
Zinc	120
<b><u>Purgeable Halocarbons</u></b>	
Bromodichloromethane	140
Chlorobenzene	71
Chloroform	420
Dibromochloromethane	130
1,2-Dichlorobenzene (o-DCB)	200
1,3-Dichlorobenzene (m-DCB)	1,070
1,4-Dichlorobenzene (p-DCB)	7
Dichloromethane (MeCl <sub>2</sub> )	100
cis-1,3-Dichloropropene	0.7
<b><u>Purgeable Aromatics</u></b>	
Benzene	4
Ethylbenzene	1,600
Toluene	970
Xylenes	2,000
<b><u>Phenols</u></b>	
2-Chlorophenol	2,800
2,4-Dichlorophenol	130
4-Nitrophenol	210
Phenol	22,000
2,4,6-Trichlorophenol	1,400
<b><u>Chlorinated Pesticides &amp; PCBs</u></b>	

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Aldrin	4
alpha-,beta-, and delta-BHC	0.11
gamma-BHC (Lindane)	0.11
Endosulfan I	0.056
Endosulfan II	0.056
Endosulfan Sulfate	0.079
Methoxychlor	0.04
<b><u>Chlorinated Hydrocarbons</u></b>	
2-Chloronaphthalene	2,200
Hexachlorobenzene	1
Hexachloroethane	2.6
1,2,4-Trichlorobenzene	100
<b><u>Chlorinated Herbicides</u></b>	
2,4-D	13
Dicamba	300
Dinoseb	10
2,4,5-T	5,000,000
2,4,5-TP (Silvex)	3.4
<b><u>Semi-Volatile Organics</u></b>	
Bis(2-chloroisopropyl) ether	2,000
Diethyl phthalate	75,000
Di-n-butylphthalate	1,900
4-Methylphenol	310,000
Naphthalene	1,000
<b><u>Other</u></b>	
Acetone (Dimethyl ketone)	1,097,000
Formaldehyde	Non-hazardous and < 2.9%
Ethidium Bromide	10

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\* = Constituents which are specifically prohibited from discharge to the sewer in any amount are listed below.

\*\* = Local Limit must be determined on a case-by-case basis based on 90% of the difference between

a) design capacity of the wastewater treatment plant for that month in lbs/day; and

b) the average loading in the treatment plant influent for the previous 30-day period in lbs/day.

\*\*\* = Limit not possible in lbs/day since concentration limit is based upon fume toxicity.

## Specifically Prohibited Constituents

**General:** pH (<5 or >11); and Temperature (>104°F).

**Metals:** Mercury.

### Other Organics:

Carbon tetrachloride; 1,1-Dichloroethene (1,1-DCE); 2-Methyl-4,6-dinitrophenol; Benzidine; 3,3'-Dichlorobenzidine; alpha-Chlordane; DDD; DDE; DDT; Dieldrin; Endrin aldehyde; Heptachlor; Hexachlorobutadiene; Hexachlorocyclopentadiene; Bis(2-ethylhexyl)phthalate; and Tributyltin.

**Total Petroleum Hydrocarbons:** Diesel Fuel and Gasoline.

### Other:

Asbestos (at levels causing effluent to exceed drinking water standard or municipal sludge to exceed state hazardous substance criteria); and Excessive Total Oil and Grease.