



**EQUIVALENT FIXTURE UNITS (EFUs)**

Equivalent Fixture Units include combined hot and cold water demand.

Bar sink (commercial).....	2 EFU
Bathtub.....	2 EFU
Dental unit or cuspidor.....	1 EFU
Drinking fountain, per head.....	0.5 EFU
Laundry tub or clothes washer.....	3 EFU
Lavatory.....	1 EFU
Lavatory (dental).....	1 EFU
Sink (mop basin).....	3 EFU
Sink (washup, each set of faucets).....	2 EFU
Sink or dishwasher.....	2 EFU
Urinal (flush tank).....	2 EFU
Urinal (stall).....	2 EFU
Urinal (wall).....	2 EFU
Toilet (tank).....	4 EFU
Toilet (valve).....	4 EFU

1. EDU calculation using EFUs

$\text{EFU (above)} \times \frac{\cancel{44} \cdot 12.1 \text{ GPD}}{\cancel{265} \cdot 230 \text{ GPD}} = 1 \text{ EDU}$
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**SEWER SERVICE POLLUTANT CONCENTRATIONS**

USER CLASSIFICATION	BOD (PPM)	SS (PPM)
<b>Residential</b>	200	200
<b>Low Strength Commercial</b>		
Basic commercial	150	150
Car wash	20	150
Department & retail stores	150	150
Hotels w/o dining facilities	310	120
Hospitals & convalescent	250	100
Laundromat	150	110
Professional office	130	80
School & college	130	100
Soft water service	3	55
<b>Medium Strength Commercial</b>		
Bars w/o dining facilities	200	200
Commercial laundry	450	240
Repair shop & service station	180	280
Shopping Center	400	432
<b>High Strength Commercial</b>		
Auto steam cleaning	1,150	1,250
Bakery, wholesale	1,000	600
Hotel with dining facilities	500	600
Industrial laundry	670	680
Mortuaries	800	800
Restaurants	1,000	600
Supermarkets	800	800
<b>Other</b>		
Septage	5,400	12,000

## WASTEWATER DISCHARGE INDUSTRIAL CATEGORIES & POLLUTANTS

Industries within these categories have been identified as potential discharges of either prohibited wastes or toxic pollutants. Toxic pollutants identified by the Environmental Protection Agency (EPA) are identified in section 2 below.

### 1. Industrial Categories

Adhesives & Sealants Manufacturing  
 Aluminum Forming  
 Asbestos Manufacturing  
 Auto Repair  
 Battery Manufacturing  
 Bottling Plants  
 Canneries  
 Car/Truck Washes  
 Cement Manufacturing  
 Coal Mining  
 Coil Coating  
 Copper Forming  
 Electrical & Electrical Products Manufacturing  
 Electroplating  
 Explosives Manufacturing  
 Feed Lots  
 Fertilizer Manufacturing  
 Food Processing Plants  
 Glass Manufacturing  
 Gum & Wood Chemicals Manufacturing  
 Hospitals  
 Ink Formulation  
 Inorganic Chemicals Manufacturing  
 Iron and Steel Manufacturing  
 Laboratories  
 Laundries  
 Leather Tanning & Finishing  
 Metal Finishing  
 Metal Molding & Casting  
 Nonferrous Metals Forming  
 Ore Mining & Dressing  
 Organic Chemicals Manufacturing  
 Packing Houses  
 Paint Formulation  
 Petroleum Refining  
 Pesticides Manufacturing  
 Pharmaceuticals Manufacturing  
 Photo-processing  
 Plastics Molding & Forming  
 Porcelain Enameling  
 Printing & Publishing  
 Rendering  
 Rubber Processing  
 Soaps & Detergents Manufacturing  
 Steam Electric Power Generation  
 Tars & Asphalt Manufacturing  
 Textiles Mills  
 Timer Products Processing

### 2. EPA Identified Toxic Pollutants (65)

Acenaphthene  
 Acrolein  
 Acrylonitrile  
 Aldrin/Dieldrin  
 Antimony & compounds  
 Arsenic & compounds  
 Asbestos  
 Benzene  
 Zenidine  
 Beryllium & compounds  
 Cadmium & compounds  
 Carbon tetrachloride  
 Chloralkyl ethers  
 Chlordane  
 Chlorinated benzenes  
 Chlorinated ethanes  
 Chlorinated naphthalene  
 Chloroform  
 2-Chlorophenol  
 Chromium & compounds  
 Copper & compounds  
 Cyanides  
 DDT & metabolites  
 Dichlorobenzenes  
 Dichlorobenzidine  
 Dichloroethylenes  
 2, 4-dimethylphenol  
 Dinitrololune  
 Diphenylhydrazine  
 Endosulfan & metabolites  
 Endrin & metabolites  
 Ethylbenzene  
 Fluorathene  
 Haloethers  
 Halomethane  
 Heptachor & metabolites  
 Hexachlorobutadiene  
 Hexachlorocyclohexane  
 Isophorone  
 Lead & compounds  
 Mercury & compounds  
 Naphthalene  
 Nickel & compounds  
 Nitrobenzene  
 Nitrophenols  
 Nitrosamines  
 Pentachlorophenol  
 Phenol  
 Phthalate esters  
 Polychlorinated biphenyls (PCBs)  
 Polyneuclear aromatic hydrocarbons  
 Selenium & compounds  
 Silver & compounds  
 2, 3, 7, & 8-tetrachlorodibenzop-dioxin (TCDD)  
 Tetrachloroethylene  
 Thallium & compounds  
 Toluene  
 Toxaphene  
 Trichloroethylene  
 Vinyl chloride  
 Zinc & compounds