

**Subpart F—Commodity Organic Chemicals**

**§ 414.60 Applicability; description of the commodity organic chemicals subcategory.**

The provisions of this subpart are applicable to the process wastewater discharges resulting from the manufacture of the following SIC 2865 and 2869 commodity organic chemicals and commodity organic chemical groups. Product groups are indicated with an asterisk (\*).

(a) Aliphatic Organic Chemicals

- Acetaldehyde
- Acetic Acid
- Acetic Anhydride
- Acetone
- Acrylonitrile
- Adipic Acid
- \*Butylenes (Butenes)
- Cyclohexane
- Ethanol
- Ethylene
- Ethylene Glycol
- Ethylene Oxide
- Formaldehyde
- Isopropanol
- Methanol
- Polyoxypropylene Glycol
- Propylene
- Propylene Oxide
- Vinyl Acetate
- 1,2-Dichloroethane
- 1,3-Butadiene

(b) Aromatic Organic Chemicals

- Benzene
- Cumene
- Dimethyl Terephthalate
- Ethylbenzene
- m-Xylene (impure)
- p-Xylene
- Phenol
- \*Pitch Tar Residues
- \*Pyrolysis Gasolines
- Styrene
- Terephthalic Acid
- Toluene
- \*Xylenes, Mixed
- o-Xylene

(c) Halogenated Organic Chemicals

- Vinyl Chloride

**§ 414.61 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).**

Except as provided in 40 CFR 125.30 through 125.32, and in 40 CFR 414.11(i) for point sources with production in two or more subcategories, any existing point source subject to this subpart must achieve discharges not exceeding the quantity (mass) determined by multiplying the process wastewater flow subject to this subpart times the concentration listed in the following table.

Effluent characteristics	BPT Effluent limitations <sup>1</sup>	
	Maximum for any one day	Maximum for monthly average
BOD5 .....	80	30
TSS .....	149	46
pH .....	( <sup>2</sup> )	( <sup>2</sup> )

<sup>1</sup> All units except pH are milligrams per liter.  
<sup>2</sup> Within the range of 6.0 to 9.0 at all times.

[52 FR 42568, Nov. 5, 1987, as amended at 57 FR 41844, Sept. 11, 1992]

**§ 414.62 Effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT). [Reserved]**

**§ 414.63 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).**

(a) The Agency has determined that for existing point sources whose total OCPSF production defined by § 414.11 is less than or equal to five (5) million pounds of OCPSF products per year, the BPT level of treatment is the best available technology economically achievable. Accordingly, the Agency is not promulgating more stringent BAT limitations for these point sources.

(b) Except as provided in paragraph (a) of this section and in 40 CFR 125.30 through 125.32, any existing point source that uses end-of-pipe biological

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treatment and is subject to this subpart must achieve discharges in accordance with § 414.91 of this part.

(c) Except as provided in paragraph (a) of this section and in 40 CFR 125.30 through 125.32, any existing point source that does not use end-of-pipe biological treatment and is subject to this subpart must achieve discharges in accordance with § 414.101 of this part.

**§ 414.64 New source performance standards (NSPS)**

(a) Any new source that uses end-of-pipe biological treatment and is subject to this subpart must achieve discharges in accordance with § 414.91 of this part, and also must not exceed the quantity (mass) determined by multiplying the process wastewater flow subject to this subpart times the concentrations in the following table.

(b) Any new source that does not use end-of-pipe biological treatment and is subject to this subpart must achieve discharges in accordance with § 414.101 of this part, and also must not exceed the quantity (mass) determined by multiplying the process wastewater flow subject to this subpart times the concentrations in the following table.

Effluent characteristics	NSPS <sup>1</sup>	
	Maximum for any one day	Maximum for monthly average
BOD <sub>5</sub> .....	80	30
TSS .....	149	46
pH .....	( <sup>2</sup> )	( <sup>2</sup> )

<sup>1</sup> All units except pH are milligrams per liter.  
<sup>2</sup> Within the range of 6.0 to 9.0 at all times.

**§ 414.65 Pretreatment standards for existing sources (PSES).**

Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart which introduces pollutants into a publicly owned treatment works must comply with 40 CFR part 403 and achieve discharges in accordance with § 414.111.

[58 FR 36892, July 9, 1993]

**§ 414.66 Pretreatment standards for new sources (PSNS).**

Except as provided in 40 CFR 403.7 any new source subject to this subpart

which introduces pollutants into a publicly owned treatment works must comply with 40 CFR part 403 and achieve discharges in accordance with § 414.111.

[58 FR 36892, July 9, 1993]

**Subpart G—Bulk Organic Chemicals**

**§ 414.70 Applicability; description of the bulk organic chemicals subcategory.**

The provisions of this subpart are applicable to the process wastewater discharges resulting from the manufacture of the following SIC 2865 and 2869 bulk organic chemicals and bulk organic chemical groups. Product groups are indicated with an asterisk (\*).

(a) Aliphatic Organic Chemicals

- \*Acetic Acid Esters
- \*Acetic Acid Salts
- Acetone Cyanohydrin
- Acetylene
- Acrylic Acid
- \*Acrylic Acid Esters
- \*Alkoxy Alkanols
- \*Alkylates
- \*Alpha-Olefins
- Butane (all forms)
- \*C-4 Hydrocarbons (Unsaturated)
- Calcium Stearate
- Caprolactam
- Carboxymethyl Cellulose
- Cellulose Acetate Butyrates
- \*Cellulose Ethers
- Cumene Hydroperoxide
- Cyclohexanol
- Cyclohexanol, Cyclohexanone (Mixed)
- Cyclohexanone
- Cyclohexene
- \*C12-C18 Primary Alcohols
- \*C5 Concentrates
- \*C9 Concentrates
- Decanol
- Diacetone Alcohol
- \*Dicarboxylic Acids—Salts
- Diethyl Ether
- Diethylene Glycol
- Diethylene Glycol Diethyl Ether
- Diethylene Glycol Dimethyl Ether
- Diethylene Glycol Monoethyl Ether
- Diethylene Glycol Monomethyl Ether
- \*Dimer Acids
- Dioxane
- Ethane
- Ethylene Glycol Monophenyl Ether
- \*Ethoxylates, Misc.
- Ethylene Glycol Dimethyl Ether
- Ethylene Glycol Monobutyl Ether
- Ethylene Glycol Monoethyl Ether
- Ethylene Glycol Monomethyl Ether