**Section 307.2405 Commodity Organic Chemicals**

a) Applicability. This Section applies to discharges of process wastewater resulting from the manufacture of the products classified under SIC 2865 or 2869, commodity organic chemicals and commodity organic chemical groups, as defined in the Standard Industrial Classification Manual, incorporated by reference in 35 Ill. Adm. Code 310.107, listed in this subsection. Product groups are indicated with an asterisk (\*).

1) Aliphatic Organic Chemicals

Acetaldehyde

Acetic acid

Acetic anhydride

Acetone

Acrylonitrile

Adipic acid

1,3-Butadiene

\*Butylenes (Butenes)

Cyclohexane

1,2-Dichloroethane

Ethanol

Ethylene

Ethylene glycol

Ethylene oxide

Formaldehyde

Isopropanol

Methanol

Polyoxypropylene glycol

Propylene

Propylene oxide

Vinyl acetate

2) Aromatic Organic Chemicals

Benzene

Cumene

Dimethyl terephthalate

Ethylbenzene

Phenol

\*Pitch tar residues

Pyrolysis gasolines

Styrene

Terephthalic acid

Toluene

\*Xylenes, mixed

o-Xylene

m-Xylene (impure)

p-Xylene

3) Halogenated Organic Compounds

Vinyl chloride

b) Specialized Definitions. None.

c) Existing Sources

1) The Board incorporates by reference 40 CFR 414.65 (2003). This incorporation includes no later amendments or editions.

2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

d) New Sources

1) The Board incorporates by reference 40 CFR 414.66 (2003). This incorporation includes no later amendments or editions.

2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

3) For discharges of wastewater resulting from the manufacture of butadiene by any process that includes the oxidative dehydrogenation of butene, "new source" means any building, structure, facility, or installation whose construction commenced after December 17, 1973. For other sources, "new source" means any building, structure, facility, or installation whose construction commenced after March 21, 1983.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)