

ILLINOIS POLLUTION CONTROL BOARD  
June 16, 1988

IN THE MATTER OF: )  
 )  
PRETREATMENT UPDATE ) R88-11  
(4/1/87 through 12/31/87) )

FINAL ORDER. ADOPTED RULE

ORDER OF THE BOARD (by J. Marlin):

The Board is amending the pretreatment regulations pursuant to Section 13.3 of the Environmental Protection Act (Act).

Section 13.3 of the Act requires the Board to adopt regulations which are "identical in substance" with federal regulations promulgated by the United States Environmental Protection Agency (USEPA) to implement the pretreatment requirements of Sections 307 and 402 of the Clean Water Act, which was previously known as the Federal Water Pollution Control Act. Section 13.3 provides that Title VII of the Act and Sections 5 and 6.02 of the Administrative Procedure Act (APA) do not apply to identical in substance regulations adopted to establish the pretreatment program. However, Section 13.3 of the Act does require the Board to provide for notice and public comment before rules are filed with the Secretary of State.

This action updates the pretreatment rules to cover USEPA rules adopted between April 1, 1987 and December 31, 1987. The complete text of the amended rules is as follows:

TITLE 35: ENVIRONMENTAL PROTECTION  
SUBTITLE C: WATER POLLUTION  
CHAPTER I: POLLUTION CONTROL BOARD

PART 307  
SEWER DISCHARGE CRITERIA

SUBPART O: ORGANIC CHEMICALS- MANUFACTURING-, PLASTICS AND SYNTHETIC FIBERS

<u>Section</u>	
<u>307.2400</u>	<u>General Provisions</u>
<u>307.2401</u>	<u>Rayon Fibers</u>
<u>307.2402</u>	<u>-Processes with Process Water Contact only as Steam Bivalent, Quench or Vent Gas Absorbent-Other Fibers</u>
<u>307.2403</u>	<u>Thermoplastic Resins</u>
<u>307.2404</u>	<u>Thermosetting Resins</u>
<u>307.2405</u>	<u>Commodity Organic Chemicals</u>
<u>307.2406</u>	<u>Bulk Organic Chemicals</u>
<u>307.2407</u>	<u>Specialty Organic Chemicals</u>
<u>307.2490</u>	<u>Non-complexed Metal-bearing and Cyanide-bearing</u>

307.2491 Wastestreams  
Complexed Metal-bearing Wastestreams

AUTHORITY: Implementing Sections 13 and 13.3 and authorized by Section 27 of the Environmental Protection Act, as amended by P.A. 84-1320, effective September 4, 1986 (Ill. Rev. Stat. 1985, ch. 111 1/2, pars. 1013 and 1027, and Ill. Rev. Stat. 1986 Supp., ch. 111 1/2, par. 1013.3.

SOURCE: Adopted in R70-5, at 1 PCB 426, March 31, 1971; amended in R71-14, at 4 PCB 3, March 7, 1972; amended in R74-3, at 19 PCB 182, October 30, 1975; amended in R74-15, 16, at 31 PCB 405, at 2 Ill. Reg. no. 44, page 151, effective November 2, 1978; amended in R76-17, at 31 PCB 713, at 2 Ill. Reg. no. 45, page 101, effective November 5, 1978; amended in R76-21, at 44 PCB 203, at 6 Ill. Reg. 563, effective December 24, 1981; codified at 6 Ill. Reg. 7818; amended in R82-5, 10, at 54 PCB 411, at 8 Ill. Reg. 1625, effective January 18, 1984; amended in R86-44 at 12 Ill. Reg. 2592, effective January 13, 1988; amended in R88-11 at 12 Ill. Reg. , effective

SUBPART O: ORGANIC CHEMICALS- MANUFACTURING-, PLASTICS AND SYNTHETIC FIBERS

Section 307.2400 General Provisions

a) General definitions. The Board incorporates by reference 40 CFR 414.10, as adopted at 52 Fed. Reg. 42569, November 5, 1987. This incorporation includes no later amendments or editions.

b) Applicability.

1) This Subpart applies to process wastewater discharges from all establishments or portions of establishments which manufacture the organic chemicals, plastics and synthetic fibers (OCPSF) products or product groups which are covered by Sections 307.2402 through 307.2408 and which are included in the following SIC major groups, as defined in the Standard Industrial Classification Manual, incorporated by reference in 35 Ill. Adm. Code 310.107:

A) SIC 2821 -- Plastic materials, synthetic resins and nonvulcanizable elastomers.

B) SIC 2823 -- Cellulosic man-made fibers.

C) SIC 2824 -- Synthetic organic fibers, except cellulosic.

D) SIC 2865 -- Cyclic crudes and intermediates, dyes and organic pigments.

- E) SIC 2869 -- Industrial organic chemicals, not elsewhere classified.
  
- 2) This Subpart applies to wastewater discharges from OCPSF research and development, pilot plant, technical service and laboratory bench scale operations if such operations are conducted in conjunction with and related to existing OCPSF manufacturing activities at the plant site.
  
- 3) Notwithstanding subsection (b)(1), this Subpart does not apply to discharges resulting from the manufacture of OCPSF products if the products are included in the following SIC subgroups and if the products have in the past been reported by the establishment under these subgroups and not under the SIC groups listed in subsection (b)(1):
  - A) SIC 2843085 -- Bulk surface active agents.
  - B) SIC 28914 -- Synthetic resin and rubber adhesives;
  - C) Chemicals and chemical preparations not elsewhere classified:
    - i) SIC 2899568 -- Sizes, all types.
    - ii) SIC 2899597 -- Other industrial chemical specialties, including fluxes, plastic wood preparations and embalming fluids.
  - D) SIC 2911058 -- Aromatic hydrocarbons manufactured from purchased refinery products.
  - E) SIC 2911632 -- Aliphatic hydrocarbons manufactured from purchased refinery products.
  
- 4) Notwithstanding subsection (b)(1), this Subpart does not apply to any discharges for which a different set of previously promulgated standards in Subparts F et seq. apply, unless the facility reports OCPSF products under SIC codes 2865, 2869 or 2821, and the facility's OCPSF wastewaters are discharged separately to a POTW.
  
- 5) This Subpart does not apply to any process wastewater discharge from the manufacture of organic chemical compounds solely by extraction from plant and animal raw materials or by fermentation processes.
  
- 6) Discharges of chromium, copper, lead, nickel and

zinc in "complexed metal-bearing wastestreams," listed in Section 307.2491, are not subject to this Subpart.

- c) Compliance date. All dischargers subject to a pretreatment standard for existing sources in this Subpart must comply with the standard by no later than November 5, 1990.

Source: Added at 12 Ill. Reg. effective

Section 307.2401      Rayon Fibers

- a) Applicability. This Section applies to discharges of process wastewater resulting from the manufacture of rayon fiber by the viscose process only.
- b) Specialized definitions. None.
- c) Existing sources:
- 1) The Board incorporates by reference 40 CFR 414.25, as adopted at 52 Fed. Reg. 42569, November 5, 1987. This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- d) New sources:
- 1) The Board incorporates by reference 40 CFR 414.26, as adopted at 52 Fed. Reg. 42569, November 5, 1987. This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the construction of which commenced after March 21, 1983.

Source: Added at 12 Ill. Reg. effective

Section 307.2402      **-Processes with Process Water Contact only as**

Steam Diluent, Quench or Vent Gas Absorbent-  
Other Fibers

- a) Applicability. This Section applies to discharges of process wastewater resulting from the manufacture of butadiene by any process which includes the oxidative dehydrogenation of butene.
  - b) Specialized definitions. The Board incorporates by reference 40 CFR 414.21 (1986). This incorporation includes no later amendments or editions.
  - c) Existing sources. These sources shall comply with the general and specific pretreatment requirements of Subpart B.
  - d) New sources:
    - 1) The Board incorporates by reference 40 CFR 414.26 (1986). This incorporation includes no later amendments or editions.
    - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
    - 3) "New source" means any building, structure, facility or installation the construction of which commenced after April 25, 1974.--
- a) Applicability. This Section applies to discharges of process wastewater resulting from the manufacture of of the following SIC 2823 cellulosic man-made fibers and fiber groups, except rayon and SIC 2824 synthetic organic fibers and fiber groups. Product groups are indicated with an asterisk (\*).
- \*Acrylic fibers (85% Polyacrylonitrile)
  - \*Cellulose acetate fibers
  - \*Fluorocarbon (Teflon) fibers
  - \*Modacrylic fibers
  - \*Nylon 6 fibers
  - Nylon 6 monofilament
  - \*Nylon 66 fibers
  - Nylon 66 monofilament
  - \*Polyamide fibers (Quiana)
  - \*Polyaramid (Kevlar) resin fibers
  - \*Polyaramid (Nomex) resin fibers
  - \*Polyester fibers
  - \*Polyethylene fibers
  - \*Polypropylene fibers
  - \*Polyurethane fibers (Spandex)

b) Specialized definitions. None.

c) Existing sources:

1) The Board incorporates by reference 40 CFR 414.35, as adopted at 52 Fed. Reg. 42569, November 5, 1987. This incorporation includes no later amendments or editions.

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

d) New sources:

1) The Board incorporates by reference 40 CFR 414.36, as adopted at 52 Fed. Reg. 42569, November 5, 1987. This incorporation includes no later amendments or editions.

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

3) "New source" means any building, structure, facility or installation the construction of which commenced after March 21, 1983.

Source: Section Repealed, new Section adopted at 12 Ill. Reg. , effective

Section 307.2403 Thermoplastic Resins

a) Applicability. This Section applies to discharges of process wastewater resulting from the manufacture of of the following SIC 28213 thermoplastic resins and thermoplastic resin groups. Product groups are indicated with an asterisk (\*).

- \*Abietic acid -- Derivatives
- \*ABS resins
- \*ABS-SAN resins
- \*Acrylate-methacrylate latexes
- \*Acrylic latex
- \*Acrylic resins
- \*Cellulose acetate butyrates
- Cellulose acetate resin
- \*Cellulose acetates

\*Cellulose acetates priopionates  
Cellulose nitrate  
Cellulose sponge  
\*Ethylene-methacrylic acid copolymers  
\*Ethylene-vinyl acetate copolymers  
\*Fatty acid resins  
\*Fluorocarbon polymers  
Nylon 11 resin  
\*Nylon 6-66 copolymers  
\*Nylon 6 -- Nylon 11 blends  
Nylon 6 resin  
Nylon 612 resin  
Nylon 66 resin  
\*Nylons  
\*Petroleum hydrocarbon resins  
\*Polyvinyl pyrrolidone -- copolymers  
\*Poly(alpha)olefins  
Polyacrylic acid  
\*Polamides  
\*Polyarylamides  
Polybutadiene  
\*Polybutenes  
Polybutyl succinic anhydride  
\*Polycarbonates  
\*Polyester resins  
\*Polyester resins, Polybutylene terephthalate  
\*Polyester resins, Polyoxybenzoate  
Polyethylene  
\*Polyethylene -- ethyl acrylate resins  
\*Polyethylene -- polyvinylacetate copolymers  
Polyethylene resin (HDPE)  
Polyethylene resin (LDPE)  
Polyethylene resin, scrap  
Polyethylene resin, wax (low molecular weight)  
Polyethylene resin, latex  
Polyethylene resins  
\*Polyethylene resins, compounded  
\*Polyethylene, chlorinated  
\*Polyimides  
\*Polypropylene resins  
Polystyrene (crystal)  
Polystyrene (crystal) modified  
\*Polystyrene -- copolymers  
\*Polystyrene -- acrylic latexes  
Polystyrene impact resins  
Polystyrene latex  
Polystyrene, expandable  
Polystyrene, expanded  
\*Polysulfone resins  
Polyvinyl acetate  
\*Polyvinyl acetate -- PVC copolymers  
\*Polyvinyl acetate copolymers  
\*Polyvinyl acetate resins  
Polyvinyl alcohol resin

Polyvinyl chloride  
Polyvinyl chloride, chlorinated  
\*Polyvinyl ether -- maleic anhydride  
\*Polyvinyl formal resins  
\*Polyvinylacetate -- methacrylic copolymers  
\*Polyvinylacetate acrylic copolymers  
\*Polyvinylacetate -- 2-ethylhexylacrylate  
copolymers  
Polyvinylidene chloride  
\*Polyvinylidene chloride copolymers  
\*Polyvinylidene -- vinyl chloride resins  
\*PVC copolymers, acrylates (Latex)  
\*PVC copolymers, ethylene -- vinyl chloride  
\*Rosin derivative resins  
\*Rosin modified resins  
\*Rosin resins  
\*SAN resins  
\*Silicones: Silicone resin  
\*Silicones: Silicone rubbers  
\*Styrene -- maleic anhydride resins  
Styrene polymeric residue  
\*Styrene -- acrylic copolymer resins  
\*Styrene --acrylonitrile --acrylates copolymers  
\*Styrene -- butadiene resins  
\*Styrene -- butadiene resins (less than 50%  
butadiene)  
\*Styrene -- butadiene resins (Latex)  
\*Styrene -- divinyl benzene resins (ion exchange)  
\*Styrene -- methacrylate terpolymer resins  
\*Styrene -- methyl methacrylate copolymers  
\*Styrene, butadiene, vinyl toluene terpolymers  
\*Sulfonated styrene -- maleic anhydride resins  
\*Unsaturated polyester resins  
\*Vinyl toluene resins  
\*Vinyl toluene -- acrylate resins  
\*Vinyl toluene -- butadiene resins  
\*Vinyl toluene -- methacrylate resins  
\*Vinylacetate -- n-butylacrylate copolymers

b) Specialized definitions. None.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 414.45, as adopted at 52 Fed. Reg. 42569, November 5, 1987. This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.



d) New sources:

- 1) The Board incorporates by reference 40 CFR 414.46, as adopted at 52 Fed. Reg. 42569, November 5, 1987. This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after March 21, 1983.

Source: Added at 12 Ill. Reg. effective

Section 307.2404 Thermosetting Resins

- a) Applicability. This Section applies to discharges of process wastewater resulting from the manufacture of the following SIC 28214 thermosetting resins and thermosetting resin groups. Product groups are indicated with an asterisk (\*).

\*Alkyd resins  
Dicyanodiamide resin  
\*Epoxy resins  
\*Fumaric acid polyesters  
\*Furan resins  
Glyoxal -- urea formaldehyde textile resin  
\*Ketone -- formaldehyde resins  
\*Melamine resins  
\*Phenolic resins  
\*Polyacetal resins  
\*Polyacrylamide  
\*Polyurethane prepolymers  
\*Polyurethane resins  
\*Urea formaldehyde resins  
\*Urea resins

- b) Specialized definitions. None.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 414.55, as adopted at 52 Fed. Reg. 42569, November 5, 1987. This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards

incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 414.56, as adopted at 52 Fed. Reg. 42569, November 5, 1987. This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after March 21, 1983.

Source: Added at 12 Ill. Reg.  
effective

Section 307.2405 Commodity Organic Chemicals

- a) Applicability. This Section applies to discharges of process wastewater resulting from the manufacture of the following SIC 2865 or 2869 commodity organic chemicals and commodity organic chemical groups. Product groups are indicated with an asterisk (\*).

1) 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

2) 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

3) Halogenated organic compounds

Vinyl chloride

b) Specialized definitions. None.

c) Existing sources:

1) The Board incorporates by reference 40 CFR 414.65, as adopted at 52 Fed. Reg. 42569, November 5, 1987. This incorporation includes no later amendments or editions.

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

d) New sources:

1) The Board incorporates by reference 40 CFR 414.66, as adopted at 52 Fed. Reg. 42569, November 5, 1987. This incorporation includes no later amendments or editions.

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

3) For discharges of wastewater resulting from the manufacture of butadiene by any process which

includes the oxidative dehydrogenation of butene, "new source" means any building, structure, facility or installation the construction of which commenced after December 17, 1973. For other sources, "new source" means any building, structure, facility or installation the construction of which commenced after March 21, 1983.

Source: Added at 12 Ill. Reg.  
effective

Section 307.2406 Bulk Organic Chemicals

a) Applicability. This Section applies to discharges of process wastewater resulting from the manufacture of the following SIC 2865 or 2869 bulk organic chemicals and bulk organic chemical groups. Product groups are indicated with an asterisk (\*).

1) 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  
Citric acid  
Cumene hydroperoxide  
Cyclohexanol  
Cyclohexanol, cyclohexanone (mixed)  
Cyclohexanone  
Cyclohexene  
\*C12 -- C18 primary alcohols (mixed)  
\*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, miscellaneous  
Ethylene glycol dimethyl ether  
Ethylene glycol monobutyl ether  
Ethylene glycol monoethyl ether  
Ethylene glycol monomethyl ether  
\*Fatty acids  
Glycerine (synthetic)  
Glyoxal  
Hexane  
\*Hexane and other C6 hydrocarbons  
Isobutanol  
Isobutylene  
Isobutyraldehyde  
Isophorone  
Isophthalic acid  
Isoprene  
Isopropyl acetate  
Ligninsulfonic acid, calcium salt  
Maleic anhydride  
Methacrylic acid  
\*Methacrylic acid esters  
Methane  
Methyl ethyl ketone  
Methyl methacrylate  
Methyl tert-butyl ether  
Methyl isobutyl ketone  
n-alkanes  
n-butyl alcohol  
n-butyl acetate  
n-butyraldehyde  
n-butyric acid  
n-butyric anhydride  
\*n-parafins  
n-propyl acetate  
n-propyl alcohol  
Nitrilotriacetic acid  
Nylon salt  
Oxalic acid  
\*Oxo aldehydes -- alcohols  
Pentaerythritol  
Pentane  
\*Pentenes  
\*Petroleum sulfonates  
Pine oil  
Polyoxybutylene glycol  
Polyoxyethylene glycol  
Propane  
Priopionaldehyde

Propionic acid  
Propylene glycol  
sec-butyl alcohol  
Sodium formate  
Sorbitol  
Stearic acid, calcium salt (wax)  
tert-butyl alcohol  
1-Butene  
1-Pentene  
1,4-Butanediol  
Isobutyl acetate  
2-Butene (cis and trans)  
2-Ethylhexanol  
2-Ethylbutyraldehyde  
2,2,4-Trimethyl-1,3-pentanediol

2) Amine and amide organic chemicals

2,4-Diaminotoluene  
\*Alkyl amines  
Aniline  
Caprolactam, aqueous concentrate  
Diethanolamine  
Diphenylamine  
\*Ethanalamines  
Ethylamine  
Ethylenediamine  
Ethylenediaminetetraacetic acid  
\*Fatty acids  
Hexamethylenediamine  
Isopropylamine  
m-Toluidine  
Melamine  
Melamine crystal  
\*Methylamines  
Methylene dianiline  
n-butylamine  
N,N-diethylaniline  
N,N-dimethylformamide  
\*Nitroanilines  
Polymeric methylene dianiline  
sec-butylamine  
tert-butylamine  
Toluenediamine (mixture)  
\*Toluidines  
o-Phenylenediamine  
1,4-Phenylenediamine dihydrochloride  
2,6-Dimethylaniline  
4-(N-Hydroxyethylethylamino)-2-hydroxyethyl  
aniline  
4,4'-Methylenebis(N,N'-dimethyl)aniline  
4,4'-Methylenedianiline

3) Aromatic organic chemicals

alpha-methylstyrene  
\*Alkyl benzenes  
\*Alkyl phenols  
\*Alkylbenzene sulfonic acids, salts  
Aminobenzoic acid (meta and para)  
Aspirin  
beta-naphthalene sulfonic acid  
Benzenedisulfonic acid  
Benzoic acid  
Bis(2-ethylhexyl)phthalate  
Bisphenol A  
BTX -- benzene, toluene, xylene (mixed)  
Butyl octyl phthalate  
Coal tar  
\*Coal tar products (miscellaneous)  
Creosote  
\*Cresols, mixed  
Cyanuric acid  
\*Cyclic aromatic sulfonates  
Dibutyl phthalate  
Diisobutyl phthalate  
Diisodecyl phthalate  
Diisooctyl phthalate  
Dimethyl phthalate  
Dinitrotoluene (mixed)  
Ditridecyl phthalate  
m-Cresol  
Metanilic acid  
Methylenediphenyldiisocyanate  
Naphthalene  
\*Naphthas, solvent  
Nitrobenzene  
Nitrotoluene  
Nonylphenol  
p-Cresol  
Phthalic acid  
Phthalic anhydride  
\*Tars -- pitches  
tert-butylphenol  
\*Toluenediisocyanates (mixture)  
Trimellitic acid  
o-cresol  
1-Tetralol, 1-tetralone mix  
2,4-Dinitrotoluene  
2,6-Dinitrotoluene

4) Halogenated organic chemicals

Allyl chloride  
Benzyl chloride  
Carbon tetrachloride  
\*Chlorinated paraffins, 35-44% chlorine  
Chlorobenzene

\*Chlorobenzenes (mixed)  
Chlorodifluoroethane  
Chloroform  
\*Chloromethanes  
2-Chloro-5-methylphenol (6-Chloro-m-cresol)  
\*Chlorophenols  
Chloroprene  
Cyanogen chloride  
Cyanuric chloride  
Dichloropropane  
Epichlorohydrin  
Ethyl chloride  
\*Fluorocarbons (Freons)  
Methyl chloride  
Methylene chloride  
Pentachlorophenol  
Phosgene  
Tetrachloroethylene  
Trichloroethylene  
Trichlorofluoromethane  
Vinylidene chloride  
1,1-Dichloroethane  
1,1,1-Trichloroethane  
2,4-Dichlorophenol

5) Other organic chemicals

Adiponitrile  
Carbon disulfide  
Dithiophosphates, sodium salt  
Fatty nitriles  
\*Organo-tin compounds  
\*Phosphate esters  
Tetraethyl lead  
Tetramethyl lead  
\*Urethane prepolymers  
\*Waxes, emulsions -- dispersions

b) Specialized definitions. None.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 414.75, as adopted at 52 Fed. Reg. 42569, November 5, 1987. This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:



- 1 The Board incorporates by reference 40 CFR 414.76, as adopted at 52 Fed. Reg. 42569, November 5, 1987. This incorporation includes no later amendments or editions.
- 2 No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3 "New source" means any building, structure, facility or installation the construction of which commenced after March 21, 1983.

Source: Added at 12 Ill. Reg.  
effective

Section 307.2407 Specialty Organic Chemicals

- a) Applicability. This Section applies to discharges of process wastewater resulting from the manufacture of any SIC 2865 or 2869 organic chemicals and organic chemical groups which are not defined as commodity or bulk organic chemicals in Section 307.2405 or 307.2406.
- b) Specialized definitions. None.
- c) Existing sources:
  - 1) The Board incorporates by reference 40 CFR 414.85, as adopted at 52 Fed. Reg. 42569, November 5, 1987. This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 414.86, as adopted at 52 Fed. Reg. 42569, November 5, 1987. This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

- 3) "New source" means any building, structure, facility or installation the construction of which commenced after March 21, 1983.

Source: Added at 12 Ill. Reg. effective

Section 307.2490 Non-complexed Metal-bearing and Cyanide-bearing Wastestreams

The Board incorporates by reference 40 CFR 414, Appendix A, as adopted at 52 Fed. Reg. 42569, November 5, 1987. This incorporation includes no later amendments or editions.

Source: Added at 12 Ill. Reg. effective

Section 307.2491 Complexed Metal-bearing Wastestreams

The Board incorporates by reference 40 CFR 414, Appendix B, as adopted at 52 Fed. Reg. 42569, November 5, 1987. This incorporation includes no later amendments or editions.

Source: Added at 12 Ill. Reg. effective

SUBPART S: FERTILIZER MANUFACTURING

Section 307.2801 Phosphate

- a) Applicability. This Section applies to discharges resulting from the manufacture of sulfuric acid by sulfur burning, wet process phosphoric acid, normal superphosphate, triple superphosphate and ammonium phosphate.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 418.11 (~~-1986-1987~~). This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 418.16 (~~-1986-1987~~). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any

contaminant to a POTW in violation of such standards.

- 3) "New source" means any building, structure, facility or installation the construction of which commenced after December 7, 1973.

Source: Amended at 12 Ill. Reg.  
effective

SUBPART V: NONFERROUS METALS MANUFACTURING

Section 307.3102 Primary Aluminum Smelting

- a) Applicability. This Section applies to discharges resulting from the production of aluminum from alumina by the Hall-Herlout process.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 421.21 ~~-(1986)-(1987)~~, as amended at 52 Fed. Reg. 25556, July 7, 1987. This incorporation includes no later amendments or editions.
- c) Existing sources: These sources shall comply with the general and specific pretreatment requirements of Subpart B.
- d) New sources:
  - 1) The Board incorporates by reference 40 CFR 421.26 ~~-(1986)-(1987)~~, as amended at 52 Fed. Reg. 25556, July 7, 1987. This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
  - 3) "New source" means any building, structure, facility or installation the construction of which commenced after February 17, 1983.

Source: Amended at 12 Ill. Reg.  
effective

Section 307.3103 Secondary Aluminum Smelting

- a) Applicability. This Section applies to discharges resulting from the recovery, processing and remelting of aluminum scrap to produce metallic aluminum alloys.
- b) Specialized definitions. The Board incorporates by

reference 40 CFR 421.31 (1986). This incorporation includes no later amendments or editions.

c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 421.35 ~~-(1986)~~-(1987), as amended at 52 Fed. Reg. 25556, July 7, 1987. This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

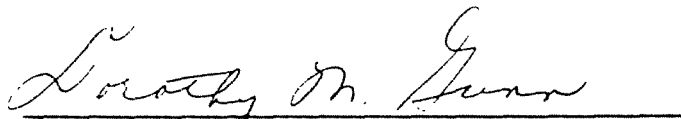
d) New sources:

- 1) The Board incorporates by reference 40 CFR 421.36 ~~-(1986)~~-(1987), as amended at 52 Fed. Reg. 25556, July 7, 1987. This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after February 17, 1983.

Source: Amended at 12 Ill. Reg. effective

IT IS SO ORDERED.

I, Dorothy M. Gunn, Clerk of the Illinois Pollution Control Board, hereby certify that the above Proposed Order was adopted on the 16<sup>th</sup> day of June, 1988, by a vote of 7-0.

  
Dorothy M. Gunn, Clerk  
Illinois Pollution Control Board