

ILLINOIS POLLUTION CONTROL BOARD
July 8, 1999

IN THE MATTER OF:)
)
WASTEWATER PRETREATMENT) R99-17
UPDATE, USEPA REGULATIONS) (Identical-in-Substance
(July 1, 1998, through December 31, 1998)) Rulemaking - Water)

Adopted Rule. Final Order.

OPINION AND ORDER OF THE BOARD (by N.J. Melas):

Pursuant to Sections 7.2 and 13.3 of the Environmental Protection Act (Act) (415 ILCS 5/7.2 and 13.3 (1998)), the Board proposes amendments to the Illinois wastewater pretreatment regulations. As discussed more fully below, the proposed amendments establish new guidelines and standards under the Federal Water Pollution Control Act (FWPCA) for the pesticide chemicals manufacturing industry and the pharmaceutical manufacturing industry.

Section 13.3 of the Act (415 ILCS 5/13.3 (1998)) provides for quick adoption of regulations that are identical in substance to federal wastewater pretreatment regulations adopted by the United States Environmental Protection Agency (USEPA) pursuant to Sections 307(b), (c), and (d) and 402(b)(9) of the FWPCA (33 U.S.C. §§1317(b), (c), (d), 1342(b)(9) (1998)). Section 13.3 also provides that Title VII of the Act and Section 5 of the Administrative Procedure Act (APA) (5 ILCS 100/5-35 and 5-40 (1998)), do not apply to this rulemaking. Accordingly, this rulemaking is not subject to first or second-notice review by the Joint Committee on Administrative Rules (JCAR).

Section 7.2(b) of the Act (415 ILCS 5/7.2(b) (1998)) requires the Board to complete its identical-in-substance rulemaking actions within one year of the date of the earliest federal amendments involved in a docket. In this docket, the federal action requiring Board action occurred on July 22, 1998. Thus, the Board must complete its rulemaking activity in this docket prior to July 22, 1999.

On April 15, 1999, the Board adopted a proposal in this rulemaking for publication in the *Illinois Register*. See 23 Ill. Reg. 5446, 5454 (May 7, 1999). Upon publication of the proposal, a 45-day public comment period commenced. This public comment period expired on June 22, 1999. No public comments were received during the public comment period. As a result of its ongoing review of federal actions, the Board has amended the proposal to additionally include a March 16, 1999 federal action which corrects a typographical error contained in a March 4, 1999 federal action which was included in our proposal for public comment. Accordingly, the Board adopts the amendments substantially as proposed, with minor revisions as outlined below.

FEDERAL ACTIONS CONSIDERED IN THIS RULEMAKING

This rulemaking incorporates certain federal amendments that occurred during the period of July 1, 1998, through December 31, 1998. The federal wastewater pretreatment regulations are found at 40 C.F.R. §§ 400-499, interspersed throughout the federal wastewater effluent discharge rules. The USEPA amended its wastewater pretreatment regulations four times during that period: July 22, 1998; August 7, 1998; September 21, 1998; and November 20, 1998. This rulemaking incorporates all of these actions, with the exception of the August 7, 1998 action which the Board has already incorporated into its most recent wastewater pretreatment update docket. See In the Matter of: Wastewater Pretreatment Update, USEPA Regulations (January 1, 1998, through June 30, 1998) (March 18, 1999), R99-4.

Additionally, although not enacted within this docket's stated time period, the Board also incorporates into this rulemaking two federal actions promulgated on March 4, 1999, and March 16, 1999, by the USEPA. The March 4, 1999 action corrected errors contained in the September 21, 1998 federal action and the March 16, 1999 action corrects one typographical error in the March 4, 1999 corrective action. As is the Board's custom, we include these federal corrections in this docket to minimize confusion to the regulated community and general public. The federal amendments incorporated into this rulemaking are summarized as follows:

Federal Action

July 22, 1998
(63 Fed. Reg. 39443)

Summary

Amendments to Pretreatment Standards and New Source Performance Standards for the Organic Pesticide Chemicals Manufacturing Industry. The USEPA amended its pretreatment standards and new source performance standards for the organic pesticide chemicals manufacturing industry. The new standards increase the daily maximum and monthly average emission levels of the pesticide active ingredient (PAI) pendimethalin, based on actual industry monitoring data of the effluent concentration of PAIs in wastewaters treated by full-scale treatment systems.

September 21, 1998
(63 Fed. Reg. 50388)

Amendments to the Pharmaceutical Manufacturing Category Pretreatment Standards and New Source Performance Standards. The USEPA amended its limitations of the discharge of pollutants into publicly owned treatment works (POTWs) by existing and new pharmaceutical manufacturing facilities. This federal action revises the limitations and standards for the "Fermentation," "Extraction," "Chemical Synthesis," and "Mixing, Compounding, and Formulating" sub-categories

and also eliminates the “Research” sub-category for existing and new sources.

November 20, 1998
(63 Fed. Reg. 64417)

Revisions to Grain Mills Point Source Category. The USEPA revised the effluent limitations guidelines for the best practicable control technology currently available for the “Rain Mills Point Source” category.

March 4, 1999
(64 Fed. Reg. 10391)

Corrections to Pharmaceutical Manufacturing Category Pretreatment Standards and New Source Performance Standards. This action corrects typographical errors and errors in rounding of several numerical limitations which were adopted in the September 21, 1998 action summarized above.

March 16, 1999
(64 Fed. Reg. 13053)

Correction to Pharmaceutical Manufacturing Category Pretreatment Standards and New Source Performance Standards. This action corrects one typographical error contained in the March 4, 1999 corrective action.

DISCUSSION

July 22, 1998: Amendments for the Organic Pesticide Chemicals Manufacturing Industry

Federal Action

On July 22, 1998, the USEPA amended its pretreatment standards and new source performance standards for the organic pesticide chemicals manufacturing industry. The amendments affect only new and existing facilities that manufacture the PAI pendimethalin. The USEPA indicated that these amendments are based on additional effluent monitoring data submitted to the USEPA by the sole existing pendimethalin manufacturer, the American Cyanamid Company. Essentially, the amendments increase the daily maximum and monthly average emission levels of pendimethalin based on actual industry monitoring data of the effluent concentration of PAIs in wastewaters treated by full-scale treatment systems which are considered to be the best available technology economically achievable. Persons interested in a more detailed discussion of the July 22, 1998 federal action should refer to the cited *Federal Register* notice.

Amendment to Board Rules

The Board incorporates these amendments into its rules by updating a single incorporation by reference to 40 C.F.R. 455.20 in the “Applicability” sub-section found at 35 Ill. Adm. Code 307.6501.

September 21, 1998, March 4, 1999, and March 16, 1999: Amendments for the
Pharmaceutical Manufacturing Industry

Federal Actions

On September 21, 1998, the USEPA amended its pharmaceutical manufacturing pretreatment standards and new source performance standards. The amendments limit the discharge of pollutants into POTWs by existing and new pharmaceutical manufacturing facilities. Specifically, the federal action revises the limitations and standards for the following sub-categories of the pharmaceutical manufacturing category: 1) “Fermentation;” 2) “Extraction;” 3) “Chemical Synthesis;” and 4) “Mixing, Compounding, and Formulating.” Additionally, the amendments entirely eliminate the “Research” sub-category for existing and new wastewater pretreatment sources. The amendments also clarify some of the limitations based on “best practicable control technology” for pharmaceutical facilities and establish analytical methods for certain organic pollutants.

On March 4, 1999, the USEPA published corrections to its September 21, 1998 action. According to the USEPA, these corrections merely fix “typographical errors and errors in rounding of several of the numerical limitations to a specific number of significant figures” in the previously adopted pharmaceutical manufacturing regulations. 63 Fed. Reg. 10391. Additionally, on March 16, 1999, the USEPA published a typographical correction to one item contained in the March 4, 1999 corrective action. 64 Fed. Reg. 13053. Persons interested in a more detailed discussion of either the September 21, 1998, March 4, 1999, or March 16, 1999 federal actions should refer to the cited *Federal Register* notices.

Amendments to Board Rules

The Board incorporates these amendments through incorporation by reference of the appropriate sections of 40 C.F.R. 136 and 439, throughout Sections 307.4900 to 307.4904 and Section 310.107 of the Board’s rules. The Board also proposes repealing Section 307.4905, based on the USEPA’s removal of Sections 439.56 and 439.57 from its regulations. Additionally, the proposed amendments add two new subsections to Section 307.4900 of the pharmaceutical manufacturing subpart. The additional subsections are necessary to adopt the general pretreatment standards added by the USEPA at 40 C.F.R. 439.3 and the surrogate pollutant standards found at 40 C.F.R. 439, Appendix A, Table 2 which are referred to in Section 439.1. Finally, any amendments required by the March 4, 1999, and March 16, 1999 federal corrective actions are located within the text of the proposed amendments to the pharmaceutical manufacturing subpart and Section 310.107.

November 20, 1998: Revisions to Grain Mills Point Source Category

Federal Action

On November 20, 1998, the USEPA published typographical revisions to the “[G]rain Mills Point Source” category contained at 40 C.F.R 406. The revisions establish effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available. Persons interested in a more detailed discussion of the November 20, 1998 federal action should refer to the cited *Federal Register* notice.

Amendments to Board Rules

These revisions are not adopted in this rulemaking, as effluent discharge criteria are not covered under the Board’s identical-in-substance federal mandate for wastewater pretreatment regulations. Specifically, the USEPA adopts effluent discharge criteria pursuant to Sections 301, 302, and 306 of the FWPCA; the Board’s identical-in-substance authority under Section 13.3 of the Act includes only Sections 307 and 309 of the FWPCA.

In summary, this proposal for public comment incorporates the federal amendments of July 22, 1998, September 21, 1998, November 20, 1998, March 4, 1999, and March 16, 1999, by use of the actual federal text or through incorporation by reference. The Board updates the citations to the Code of Federal Regulations to the most recent version available. As of the date of this opinion, the most recent version of the Code of Federal Regulations available to the Board is the July 1, 1998 version. Thus, we have updated all citations to the 1998 version, adding references to later amendments using their appropriate *Federal Register* citation, where necessary. No deviations have been made from the federal text, except as required to meet APA requirements for incorporations by reference.

Revisions to the Text of the Proposed Amendments in Final Adoption

Section Revised	Source of Revision(s)	Revision(s)
307.4900(e)	JCAR	Added comma after “September 21, 1998”
307.4901(c)(2)	JCAR	Added “(c)” after “subsection”
307.4901(d)(2)	JCAR	Added “(d)” after “subsection”
307.4902(c)(2)	JCAR	Added “(c)” after “subsection”
307.4902(d)(2)	JCAR	Added “(d)” after “subsection”
307.4903(c)(2)	JCAR	Added “(c)” after “subsection”
307.4903(d)(2)	JCAR	Added “(d)” after “subsection”
307.4904(c)(2)	JCAR	Added “(c)” after “subsection”
307.4904(d)(2)	JCAR	Added “(d)” after “subsection”
307.6501(d)(2)	JCAR	Removed “(c)” and added “(d)” after “subsection”
310.107	JCAR	Added “SUBPART A: GENERAL PROVISIONS” to heading

310.107(c)(1)	JCAR	Removed "U.S.C." and added "USC"
310.107(c)(2)	JCAR	Removed "U.S.C." and added "USC"
310.107(c)(3)	JCAR	Removed "U.S.C." and added "USC"

Public Comments

The public comment period commenced on May 7, 1999, upon publication of the Board's proposed amendments in the *Illinois Register*. See 23 Ill. Reg. 5446, 5454 (May 7, 1999). No public comments were received in response to the Board's proposal for public comment. Accordingly, the Board adopts these amendments as proposed in the Board's April 15, 1999 opinion and order, with some additional, non-substantive changes that are identified within the preceding section of this document.

ORDER

The Board adopts these final rules and directs the Clerk of the Board to cause publication of the following adopted amendments in the *Illinois Register*:

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

PART 307
SEWER DISCHARGE CRITERIA

SUBPART A: GENERAL PROVISIONS

Section	
307.101	Preamble (Renumbered)
307.102	General Requirements (Renumbered)
307.103	Mercury (Renumbered)
307.104	Cyanide (STORET number 00720) (Renumbered)
307.105	Pretreatment Requirements (Repealed)
307.1001	Preamble
307.1002	Definitions
307.1003	Test Procedures for Measurement
307.1005	Toxic Pollutants

SUBPART B: GENERAL AND SPECIFIC PRETREATMENT REQUIREMENTS

Section	
307.1101	General and Specific Requirements
307.1102	Mercury
307.1103	Cyanide

SUBPART F: DAIRY PRODUCTS PROCESSING

Section	
307.1501	Receiving Stations

307.1502	Fluid Products
307.1503	Cultured Products
307.1504	Butter
307.1505	Cottage Cheese and Cultured Cream Cheese
307.1506	Natural and Processed Cheese
307.1507	Fluid Mix for Ice Cream and other Frozen Desserts
307.1508	Ice Cream, Frozen Desserts, Novelties and Other Dairy Desserts
307.1509	Condensed Milk
307.1510	Dry Milk
307.1511	Condensed Whey
307.1512	Dry Whey

SUBPART G: GRAIN MILLS

Section	
307.1601	Corn Wet Milling
307.1602	Corn Dry Milling
307.1603	Normal Wheat Flour Milling
307.1604	Bulgur Wheat Flour Milling
307.1605	Normal Rice Milling
307.1606	Parboiled Rice Milling
307.1607	Animal Feed
307.1608	Hot Cereal
307.1609	Ready-to-eat Cereal
307.1610	Wheat Starch and Gluten

SUBPART H: CANNED AND PRESERVED FRUITS AND VEGETABLES

Section	
307.1700	General Provisions
307.1701	Apple Juice
307.1702	Apple Products
307.1703	Citrus Products
307.1704	Frozen Potato Products
307.1705	Dehydrated Potato Products
307.1706	Canned and Preserved Fruits
307.1707	Canned and Preserved Vegetables
307.1708	Canned and Miscellaneous Specialties

SUBPART I: CANNED AND PRESERVED SEAFOOD

Section	
307.1801	Farm-raised Catfish
307.1815	Fish Meal Processing Subcategory

SUBPART J: SUGAR PROCESSING

Section	
307.1901	Beet Sugar Processing

- 307.1902 Crystalline Cane Sugar Refining
 307.1903 Liquid Cane Sugar Refining

SUBPART K: TEXTILE MILLS

- Section
 307.2000 General Provisions
 307.2001 Wool Scouring
 307.2002 Wool Finishing
 307.2003 Low Water Use Processing
 307.2004 Woven Fabric Finishing
 307.2005 Knit Fabric Finishing
 307.2006 Carpet Finishing
 307.2007 Stock and Yarn Finishing
 307.2008 Nonwoven Manufacturing
 307.2009 Felted Fabric Processing

SUBPART L: CEMENT MANUFACTURING

- Section
 307.2101 Nonleaching
 307.2102 Leaching
 307.2103 Materials Storage Piles Runoff

SUBPART M: FEEDLOTS

- Section
 307.2201 General
 307.2202 Ducks

SUBPART N: ELECTROPLATING

- Section
 307.2300 General Provisions
 307.2301 Electroplating of Common Metals
 307.2302 Electroplating of Precious Metals
 307.2304 Anodizing
 307.2305 Coatings
 307.2306 Chemical Etching and Milling
 307.2307 Electroless Plating
 307.2308 Printed Circuit Boards

SUBPART O: ORGANIC CHEMICALS, PLASTICS AND SYNTHETIC FIBERS

- Section
 307.2400 General Provisions
 307.2401 Rayon Fibers
 307.2402 Other Fibers
 307.2403 Thermoplastic Resins
 307.2404 Thermosetting Resins

307.2405	Commodity Organic Chemicals
307.2406	Bulk Organic Chemicals
307.2407	Specialty Organic Chemicals
307.2410	Indirect Discharge Point Sources
307.2490	Non-complexed Metal-bearing and Cyanide-bearing Wastestreams
307.2491	Complexed Metal-bearing Wastestreams

SUBPART P: INORGANIC CHEMICALS MANUFACTURING

Section	
307.2500	General Provisions
307.2501	Aluminum Chloride Production
307.2502	Aluminum Sulfate Production
307.2503	Calcium Carbide Production
307.2504	Calcium Chloride Production
307.2505	Calcium Oxide Production
307.2506	Chlor-alkali Process (Chlorine and Sodium or Potassium Hydroxide Production)
307.2508	Hydrofluoric Acid Production
307.2509	Hydrogen Peroxide Production
307.2511	Potassium Metal Production
307.2512	Potassium Dichromate Production
307.2513	Potassium Sulfate Production
307.2514	Sodium Bicarbonate Production
307.2516	Sodium Chloride Production
307.2517	Sodium Dichromate and Sodium Sulfate Production
307.2520	Sodium Sulfite Production
307.2522	Titanium Dioxide Production
307.2523	Aluminum Fluoride Production
307.2524	Ammonium Chloride Production
307.2527	Borax Production
307.2528	Boric Acid Production
307.2529	Bromine Production
307.2530	Calcium Carbonate Production
307.2531	Calcium Hydroxide Production
307.2533	Carbon Monoxide and Byproduct Hydrogen Production
307.2534	Chrome Pigments Production
307.2535	Chromic Acid Production
307.2536	Copper Salts Production
307.2538	Ferric Chloride Production
307.2540	Fluorine Production
307.2541	Hydrogen Production
307.2542	Hydrogen Cyanide Production
307.2543	Iodine Production
307.2544	Lead Monoxide Production
307.2545	Lithium Carbonate Production

307.2547	Nickel Salts Production
307.2549	Oxygen and Nitrogen Production
307.2550	Potassium Chloride Production
307.2551	Potassium Iodide Production
307.2553	Silver Nitrate Production
307.2554	Sodium Bisulfite Production
307.2555	Sodium Fluoride Production
307.2560	Stannic Oxide Production
307.2563	Zinc Sulfate Production
307.2564	Cadmium Pigments and Salts Production
307.2565	Cobalt Salts Production
307.2566	Sodium Chlorate Production
307.2567	Zinc Chloride Production

SUBPART R: SOAP AND DETERGENTS

Section	
307.2701	Soap Manufacturing by Batch Kettle
307.2702	Fatty Acid Manufacturing by Fat Splitting
307.2703	Soap Manufacturing by Fatty Acid Neutralization
307.2704	Glycerine Concentration
307.2705	Glycerine Distillation
307.2706	Manufacture of Soap Flakes and Powders
307.2707	Manufacture of Bar Soaps
307.2708	Manufacture of Liquid Soaps
307.2709	Oleum Sulfonation and Sulfation
307.2710	Air-Sulfur Trioxide Sulfation and Sulfonation
307.2711	Sulfur Trioxide Solvent and Vacuum Sulfonation
307.2712	Sulfamic Acid Sulfation
307.2713	Chlorosulfonic Acid Sulfation
307.2714	Neutralization of Sulfuric Acid Esters and Sulfonic Acids
307.2715	Manufacture of Spray Dried Detergents
307.2716	Manufacture of Liquid Detergents
307.2717	Manufacturing of Detergents by Dry Blending
307.2718	Manufacture of Drum Dried Detergents
307.2719	Manufacture of Detergent Bars and Cakes

SUBPART S: FERTILIZER MANUFACTURING

Section	
307.2801	Phosphate
307.2802	Ammonia
307.2803	Urea
307.2804	Ammonium Nitrate
307.2805	Nitric Acid
307.2806	Ammonium Sulfate Production
307.2807	Mixed and Blend Fertilizer Production

SUBPART T: PETROLEUM REFINING

Section	
307.2901	Topping
307.2902	Cracking
307.2903	Petrochemical
307.2904	Lube
307.2905	Integrated

SUBPART U: IRON AND STEEL MANUFACTURING

Section	
307.3000	General Provisions
307.3001	Cokemaking
307.3002	Sintering
307.3003	Ironmaking
307.3004	Steelmaking
307.3005	Vacuum Degassing
307.3006	Continuous Casting
307.3007	Hot Forming
307.3008	Salt Bath Descaling
307.3009	Acid Pickling
307.3010	Cold Forming
307.3011	Alkaline Cleaning
307.3012	Hot Coating

SUBPART V: NONFERROUS METALS MANUFACTURING

Section	
307.3100	General Provisions
307.3101	Bauxite Refining
307.3102	Primary Aluminum Smelting
307.3103	Secondary Aluminum Smelting
307.3104	Primary Copper Smelting
307.3105	Primary Electrolytic Copper Refining
307.3106	Secondary Copper
307.3107	Primary Lead
307.3108	Primary Zinc
307.3109	Metallurgical Acid Plants
307.3110	Primary Tungsten
307.3111	Primary Columbium-Tantalum
307.3112	Secondary Silver
307.3113	Secondary Lead
307.3114	Primary Antimony
307.3115	Primary Beryllium
307.3116	Primary and Secondary Germanium and Gallium
307.3117	Secondary Indium

307.3118	Secondary Mercury
307.3119	Primary Molybdenum and Rhenium
307.3120	Secondary Molybdenum and Vanadium
307.3121	Primary Nickel and Cobalt
307.3122	Secondary Nickel
307.3123	Primary Precious Metals and Mercury
307.3124	Secondary Precious Metals
307.3125	Primary Rare Earth Metals
307.3126	Secondary Tantalum
307.3127	Secondary Tin
307.3128	Primary and Secondary Titanium
307.3129	Secondary Tungsten and Cobalt
307.3130	Secondary Uranium
307.3131	Primary Zirconium and Hafnium

SUBPART X: STEAM ELECTRIC POWER GENERATING

Section	
307.3301	Steam Electric Power Generating

SUBPART Y: FERROALLOY MANUFACTURING

Section	
307.3401	Open Electric Furnaces With Wet Air Pollution Control Devices
307.3402	Covered Electric Furnaces and Other Smelting Operations with Wet Air Pollution Control Devices
307.3403	Slag Processing
307.3404	Covered Calcium Carbide Furnaces With Wet Air Pollution Control Devices
307.3405	Other Calcium Carbide Furnaces
307.3406	Electrolytic Manganese Products
307.3407	Electrolytic Chromium

SUBPART Z: LEATHER TANNING AND FINISHING

Section	
307.3500	General Provisions
307.3501	Hair Pulp, Chrome Tan, Retan-Wet Finish
307.3502	Hair Save, Chrome Tan, Retan-Wet Finish
307.3503	Hair Save or Pulp, Non-Chrome Tan, Retan-Wet Finish
307.3504	Retan-Wet Finish-Sides
307.3505	No Beamhouse
307.3506	Through-the-Blue
307.3507	Shearling
307.3508	Pigskin
307.3509	Retan-Wet Finish-Splits
307.3590	Potassium Ferricyanide Titration Method

SUBPART BA: GLASS MANUFACTURING

Section

307.3601	Insulation Fiberglass
307.3602	Sheet Glass Manufacturing
307.3603	Rolled Glass Manufacturing
307.3604	Plate Glass Manufacturing
307.3605	Float Glass Manufacturing
307.3606	Automotive Glass Tempering
307.3607	Automotive Glass Laminating
307.3608	Glass Container Manufacturing
307.3610	Glass Tubing (Danner) Manufacturing
307.3611	Television Picture Tube Envelope Manufacturing
307.3612	Incandescent Lamp Envelope Manufacturing
307.3613	Hand Pressed and Blown Glass Manufacturing

SUBPART BB: ASBESTOS MANUFACTURING

Section

307.3701	Asbestos-Cement Pipe
307.3702	Asbestos-Cement Sheet
307.3703	Asbestos Paper (Starch Binder)
307.3704	Asbestos Paper (Elastomeric Binder)
307.3705	Asbestos Millboard
307.3706	Asbestos Roofing
307.3707	Asbestos Floor Tile
307.3708	Coating or Finishing of Asbestos Textiles
307.3709	Solvent Recovery
307.3710	Vapor Absorption
307.3711	Wet Dust Collection

SUBPART BC: RUBBER MANUFACTURING

Section

307.3801	Tire and Inner Tube Plants
307.3802	Emulsion Crumb Rubber
307.3803	Solution Crumb Rubber
307.3804	Latex Rubber
307.3805	Small-Sized General Molded, Extruded and Fabricated Rubber Plants
307.3806	Medium-Sized General Molded, Extruded and Fabricated Rubber Plants
307.3807	Large-Sized General Molded, Extruded and Fabricated Rubber Plants
307.3808	Wet Digestion Reclaimed Rubber
307.3809	Pan, Dry Digestion and Mechanical Reclaimed Rubber
307.3810	Latex-Dipped, Latex-Extruded and Latex-Molded Rubber
307.3811	Latex Foam

SUBPART BD: TIMBER PRODUCTS PROCESSING

Section

307.3900	General Provisions
307.3901	Barking
307.3902	Veneer
307.3903	Plywood
307.3904	Dry Process Hardboard
307.3905	Wet Process Hardboard
307.3906	Wood Preserving-Water Borne or Nonpressure
307.3907	Wood Preserving-Steam
307.3908	Wood Preserving-Boulton
307.3909	Wet Storage
307.3910	Log Washing
307.3911	Sawmills and Planing Mills
307.3912	Finishing
307.3913	Particleboard Manufacturing
307.3914	Insulation Board
307.3915	Wood Furniture and Fixture Production Without Water Wash Spray Booth(s) or Without Laundry Facilities
307.3916	Wood Furniture and Fixture Production with Water Wash Spray Booth(s) or With Laundry Facilities

SUBPART BE: PULP, PAPER AND PAPERBOARD

Section	
307.4000	General Provisions
307.4001	Dissolving Kraft
307.4002	Bleached Papergrade Kraft and Soda
307.4003	Unbleached Kraft
307.4004	Dissolving Sulfite
307.4005	Papergrade Sulfite
307.4006	Semi-Chemical
307.4007	Mechanical Pulp
307.4008	Non-Wood Chemical Pulp
307.4009	Secondary Fiber Deink
307.4010	Secondary Fiber Non-Deink
307.4011	Fine and Lightweight Papers from Purchased Pulp
307.4012	Tissue, Filter, Non-Woven, and Paperboard from Purchased Pulp
307.4013	Groundwood-Thermo-Mechanical (Repealed)
307.4014	Groundwood-CMN Papers (Repealed)
307.4015	Groundwood-Fine Papers (Repealed)
307.4016	Soda (Repealed)
307.4017	Deink (Repealed)
307.4018	Nonintegrated-Fine Papers (Repealed)
307.4019	Nonintegrated-Tissue Papers (Repealed)
307.4020	Tissue From Wastepaper (Repealed)
307.4021	Papergrade Sulfite (Drum Wash) (Repealed)
307.4022	Unbleached Kraft and Semi-Chemical (Repealed)

- 307.4023 Wastepaper-Molded Products (Repealed)
- 307.4024 Nonintegrated-Lightweight Papers (Repealed)
- 307.4025 Nonintegrated-Filter and Nonwoven Papers (Repealed)
- 307.4026 Nonintegrated-Paperboard (Repealed)

SUBPART BF: BUILDERS' PAPER AND BOARD MILLS (Repealed)

Section

- 307.4101 Builder's Paper and Roofing Felt (Repealed)

SUBPART BG: MEAT PRODUCTS

Section

- 307.4201 Simple Slaughterhouse
- 307.4202 Complex Slaughterhouse
- 307.4203 Low-Processing Packinghouse
- 307.4204 High-Processing Packinghouse
- 307.4205 Small Processor
- 307.4206 Meat Cutter
- 307.4207 Sausage and Luncheon Meats Processor
- 307.4208 Ham Processor
- 307.4209 Canned Meats Processor
- 307.4210 Renderer

SUBPART BH: METAL FINISHING

Section

- 307.4300 General Provisions
- 307.4301 Metal Finishing

SUBPART BN: PHARMACEUTICAL MANUFACTURING

Section

- 307.4900 General Provisions
- 307.4901 Fermentation Products
- 307.4902 Extraction Products
- 307.4903 Chemical Synthesis Products
- 307.4904 Mixing/Compounding and Formulation
- 307.4905 Research (Repealed)

SUBPART BR: PAVING AND ROOFING MATERIALS (TARS AND ASPHALT)

Section

- 307.5301 Asphalt Emulsion
- 307.5302 Asphalt Concrete
- 307.5303 Asphalt Roofing
- 307.5304 Linoleum and Printed Asphalt Felt

SUBPART BU: PAINT FORMULATING

Section

307.5601 Oil-Base Solvent Wash Paint

SUBPART BV: INK FORMULATING

Section
307.5701 Oil-Base Solvent Wash Ink

SUBPART CD: PESTICIDE CHEMICALS

Section
307.6500 General Provisions
307.6501 Organic Pesticide Chemicals Manufacturing
307.6502 Metallo-Organic Pesticides Chemicals Manufacturing
307.6503 Pesticide Chemicals Formulating and Packaging

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Appendix A References to Previous Rules (Repealed)

AUTHORITY: Implementing Sections 13 and 13.3 and authorized by Section 27 of the Environmental Protection Act [415 ILCS 5/13, 13.3, and 27].

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. 44, p. 151, effective November 2, 1978; amended in R76-17, at 31 PCB 713, at 2 Ill. Reg. 45, p. 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. 13094, effective July 29, 1988; amended in R88-18 at 13 Ill. Reg. 1794, effective January 31, 1989; amended in R89-3 at 13 Ill. Reg. 19288, effective November 17, 1989; amended in R88-9 at 14 Ill. Reg. 3100, effective February 20, 1990; amended in R89-12 at 14 Ill. Reg. 7620, effective May 8, 1990; amended in R91-5 at 16 Ill. Reg. 7377, effective April 27, 1992; amended in R93-2 at 17 Ill. Reg. 19483, effective October 29, 1993; amended in R94-10 at 19 Ill. Reg. 9142, effective June 23, 1995; amended in R95-22 at 20 Ill. Reg. 5549, effective April 1, 1996; amended in R97-23 at 21 Ill. Reg. 11930, effective August 12, 1997; amended in R99-4 at 23 Ill. Reg. 4413, effective March 31, 1999; amended in R99-17 at ____ Ill. Reg. _____, effective _____.

SUBPART BN: PHARMACEUTICAL MANUFACTURING

Section 307.4900 General Provisions

- a) Applicability. This Subpart applies to any pharmaceutical manufacturing facility which introduces or may introduce process wastewater pollutants into a POTW.
- b) General definitions. The Board incorporates by reference 40 CFR 439.1 (1998~~86~~), as amended at 63 Fed. Reg. 50388, September 21, 1998. This incorporation includes no later amendments or editions.

- c) Monitoring requirements. The Board incorporates by reference 40 CFR 439.42 (199886), as amended at 63 Fed. Reg. 50388, September 21, 1998. This incorporation includes no later amendments or editions.
- d) General pretreatment standards. The Board incorporates by reference 40 CFR 439.3 (1998), as amended at 63 Fed. Reg. 50388, September 21, 1998. This incorporation includes no later amendments or editions.
- e) Surrogate parameters for indirect dischargers. The Board incorporates by reference 40 CFR 439.3 (1998), as amended at 63 Fed. Reg. 50388, September 21, 1998, and at 64 Fed. Reg. 10391, March 4, 1999. This incorporation includes no later amendments or editions.

(Source: Amended at 23 Ill. Reg. _____, effective _____)

Section 307.4901 Fermentation Products

- a) Applicability. This Section applies to discharges resulting from the manufacture of pharmaceuticals by fermentation.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 439.11 (199886), as amended at 63 Fed. Reg. 50388, September 21, 1998. This incorporation includes no later amendments or editions.
- c) Existing sources:
 - 1) The Board incorporates by reference 40 CFR 439.16 (199886), as amended at 63 Fed. Reg. 50388, September 21, 1998, and at 64 Fed. Reg. 10391, March 4, 1999. This incorporation includes no later amendments or editions.
 - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(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 439.17 (199886), as amended at 63 Fed. Reg. 50388, September 21, 1998, and at 64 Fed. Reg. 10391, March 4, 1999. This incorporation includes no later amendments or editions.
 - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(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 November 26, 1982.

(Source: Amended at 23 Ill. Reg. _____, effective _____)

Section 307.4902 Extraction Products

- a) Applicability. This Section applies to discharges resulting from the manufacture of pharmaceuticals by extraction.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 439.21 (199886), as amended at 63 Fed. Reg. 50388, September 21, 1998. This incorporation includes no later amendments or editions.
- c) Existing sources:
 - 1) The Board incorporates by reference 40 CFR 439.26 (199886), as amended at 63 Fed. Reg. 50388, September 21, 1998, and at 64 Fed. Reg. 10391, March 4, 1999. This incorporation includes no later amendments or editions.
 - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(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 439.27 (199886), as amended at 63 Fed. Reg. 50388, September 21, 1998. This incorporation includes no later amendments or editions.
 - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(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 November 26, 1982.

(Source: Amended at 23 Ill. Reg. _____, effective _____)

Section 307.4903 Chemical Synthesis Products

- a) Applicability. This Section applies to discharges resulting from the manufacture of pharmaceuticals by chemical synthesis.

- b) Specialized definitions. The Board incorporates by reference 40 CFR 439.31 (199886), as amended at 63 Fed. Reg. 50388, September 21, 1998. This incorporation includes no later amendments or editions.
- c) Existing sources:
- 1) The Board incorporates by reference 40 CFR 439.36 (199886), as amended at 63 Fed. Reg. 50388, September 21, 1998, and at 64 Fed. Reg. 10391 March 4, 1999. This incorporation includes no later amendments or editions.
 - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(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 439.37 (199886), as amended at 63 Fed. Reg. 50388, September 21, 1998, and at 64 Fed. Reg. 10391, March 4, 1999. This incorporation includes no later amendments or editions.
 - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(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 November 26, 1982.

(Source: Amended at 23 Ill. Reg. _____, effective _____)

Section 307.4904 Mixing/Compounding and Formulation

- a) Applicability. This Section applies to discharges resulting from mixing/compounding and formulation operations of pharmaceutical products.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 439.41 (199886), as amended at 63 Fed. Reg. 50388, September 21, 1998. This incorporation includes no later amendments or editions.
- c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 439.46 (199886), as amended at 63 Fed. Reg. 50388, September 21, 1998. This incorporation includes no later amendments or editions.
 - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(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 439.47 (199886), as amended at 63 Fed. Reg. 50388, September 21, 1998. This incorporation includes no later amendments or editions.
 - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(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 November 26, 1982.

(Source: Amended at 23 Ill. Reg. _____, effective _____)

Section 307.4905 Research (Repealed)

- a) ~~Applicability. This Section applies to discharges resulting from pharmaceutical research.~~
- b) ~~Specialized definitions. The Board incorporates by reference 40 CFR 439.51 (1986). This incorporation includes no later amendments or editions.~~
- c) ~~Existing sources:~~
 - 1) ~~The Board incorporates by reference 40 CFR 439.56 (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.~~
- d) ~~New sources:~~
 - 1) ~~The Board incorporates by reference 40 CFR 439.57 (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 November 26, 1982.~~

(Source: Repealed at 23 Ill. Reg. _____, effective _____)

SUBPART CD: PESTICIDE CHEMICALS

Section 307.6501 Organic Pesticide Chemicals Manufacturing

- a) Applicability.
- 1) The Board incorporates by reference 40 CFR 455.20 (199894), as amended at 63 Fed. Reg. 39443, July 22, 1998. This incorporation includes no later amendments or editions.
 - 2) This Section applies to discharges resulting from any plant which manufactures organic pesticide chemicals, as defined in the materials incorporated by reference in subsection (a)(1).
- b) Specialized definitions. The Board incorporates by reference 40 CFR 455.21 (1994). This incorporation includes no later amendments or editions.
- c) Existing sources:
- 1) The Board incorporates by reference 40 CFR 455.26 (1994). This incorporation includes no later amendments or editions.
 - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c) (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 455.27 (1994). This incorporation includes no later amendments or editions.
 - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

(Source: Amended at 23 Ill. Reg. _____, effective _____)

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

PART 310
PRETREATMENT PROGRAMS

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AUTHORITY: Implementing and authorized by Sections 13, 13.3, and 27 of the Environmental Protection Act [415 ILCS 5/13, 13.3 and 27].

SOURCE: Adopted in R86-44 at 12 Ill. Reg. 2502, effective January 13, 1988; amended in R88-18 at 13 Ill. Reg. 2463, effective January 31, 1989; amended in R89-3 at 13 Ill. Reg. 19243, effective November 27, 1989; amended in R89-12 at 14 Ill. Reg. 7608, effective May 8, 1990; amended in R91-5 at 16 Ill. Reg. 7346, effective April 27, 1992; amended in R95-22 at 20 Ill. Reg. 5533, effective April 1, 1996; amended in R96-12 at 20 Ill. Reg. 10671, effective July 24, 1996; amended in R97-7 at 21 Ill. Reg. 5163, effective April 10, 1997; amended in R98-23 at 22 Ill. Reg. 11465, effective June 22, 1998; amended in R99-17 at 23 Ill. Reg _____, effective _____.

SUBPART A: GENERAL PROVISIONS

Section 310.107 Incorporations by Reference

- a) The following publications are incorporated by reference:
- 1) The consent decree in NRDC v. Costle, 12 Environment Reporter Cases 1833 (D.C. Cir. August 16, 1978).
 - 2) Standard Industrial Classification Manual (1972), and 1977 Supplement, republished in 1983, available from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20401.

- b) The following provisions of the Code of Federal Regulations are incorporated by reference:

40 CFR 2.302 (1994)

40 CFR 25 (1994)

40 CFR 122, Appendix D, Tables II and III (1994)

40 CFR 128.140(b) (1977)

40 CFR 136 (1998~~96~~), as amended at 63 Fed. Reg. 50388, September 21, 1998

40 CFR 403 (1996)

40 CFR 403, Appendix D (1994)

- c) The following federal statutes are incorporated by reference:

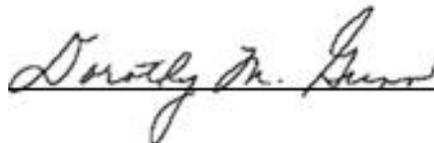
- 1) Section 1001 of the Criminal Code (18 ~~USC~~U.S.C. 1001) as of July 1, 1988
- 2) Clean Water Act (33 ~~USC~~U.S.C. 1251 *et seq.*) as of July 1, 1988
- 3) Subtitles C and D of the Resource Conservation and Recovery Act (42 ~~USC~~U.S.C. 6901 *et seq.*) as of July 1, 1988

- d) This Part incorporates no future editions or amendments.

(Source: Amended at 23 Ill. Reg. _____, effective _____)

IT IS SO ORDERED.

I, Dorothy M. Gunn, Clerk of the Illinois Pollution Control Board, hereby certify that the above opinion and order was adopted on the 8th day of July 1999 by a vote of 5-0.



Dorothy M. Gunn, Clerk
Illinois Pollution Control Board