

ILLINOIS POLLUTION CONTROL BOARD
March 18, 1999

IN THE MATTER OF:)
)
WASTEWATER PRETREATMENT) R99-4
UPDATE, USEPA REGULATIONS) (Identical-in-Substance
(January 1, 1998, through June 30, 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 (1996)), the Board adopts amendments to the Illinois wastewater pretreatment regulations. As discussed more fully below, the adopted amendments establish effluent limitations guidelines and standards under the Federal Water Pollution Control Act (FWPCA) for a portion of the pulp, paper, and paperboard industry. The amendments are intended to streamline the permit application process to more closely reflect the processes found in pulp, paper, and paperboard mills in the United States.

Section 13.3 of the Act 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) (1996)). 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 (1996)), 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). The federal wastewater pretreatment regulations are found at 40 C.F.R. §§ 400-499, interspersed throughout the federal wastewater effluent discharge rules.

Section 7.2(b) of the Act (415 ILCS 5/7.2 (1996)) 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 sole federal action requiring Board action occurred on April 15, 1998. Thus, the Board must complete its rulemaking activity in this docket prior to April 15, 1999.

On December 17, 1998, the Board adopted a proposal in this rulemaking for publication in the *Illinois Register*. See 23 Ill. Reg. 631 (January 15, 1999). Upon publication of the proposal, a 45-day public comment period commenced. This public comment period expired on March 1, 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 include corrections to the federal April 15, 1998 action as detailed in an August 7, 1998 federal action. Accordingly, the Board adopts the amendments substantially as proposed, with minor revisions outlined below.

FEDERAL ACTION CONSIDERED IN THIS RULEMAKING

This rulemaking incorporates the federal amendments that occurred during the period of January 1, 1998, through June 30, 1998. The USEPA amended its wastewater pretreatment regulations once during that period. Although not enacted within the above stated time period, the Board also incorporates into this rulemaking an August 7, 1998 federal action promulgated by the USEPA which corrected errors contained in the action taken on April 15, 1998. 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 two federal amendments incorporated in this rulemaking are summarized as follows:

Federal Action

April 15, 1998
(63 Fed. Reg. 18503)

Summary

Amendments to the Effluent Limitations Guidelines, Pretreatment Standards, and New Source Performance Standards: Pulp, Paper, and Paperboard Category. The USEPA amended its effluent limitations guidelines and standards for the pulp, paper, and paperboard industry by reorganizing this section to better reflect the processes found in United States mills. The amendments also require reduction in the discharge of toxic and non-conventional chemical compounds found in the effluents from mills that fall within the "Bleached Papergrade Kraft and Soda" sub-category and the "Papergrade Sulfite" sub-category. Additionally, the amendments incorporate best management practices (BMPs) under the FWPCA.

August 7, 1998
(63 Fed. Reg. 42238)

Pulp, Paper, and Paperboard Category Correction. This action corrects minor errors in the effluent limitations guidelines and standards for hazardous pollutants promulgated under the FWPCA for the pulp and paper productions category contained in the April 15, 1998 action summarized above.

DISCUSSION

The USEPA amended its wastewater pretreatment regulations on April 15, 1998. Those amendments consolidate into 12 sections what were once 26 sections of effluent limitations guidelines and standards for the pulp, paper, and paperboard industry. This reorganization also eliminated the separate category of “Builder’s Paper and Roofing Felt” and integrates that category into one of the twelve new sub-categories. The USEPA indicated that the purpose behind such reorganization was to establish a new scheme that better defines the processes typically found in United States mills. Ultimately, the USEPA predicted that these changes will result in streamlined regulations that can be implemented more easily by the permit applicant.

The USEPA also revised the existing effluent limitations guidelines and standards for the “Bleached Kraft and Soda” sub-category and the “Papergrade Sulfite” sub-category. These revisions reduce the permitted discharge level of pollutants into publicly owned treatment works by existing and new sources within these two sections. In addition, the amendments promulgate BMPs under the FWPCA for a portion of the pulp, paper, and paperboard industry. Except for the “Bleached Papergrade Kraft and Soda” section and the “Papergrade Sulfite” section, the amendments contain no other substantive changes to the limitations and standards applicable to the newly organized sections.

On August 7, 1998, the USEPA published corrections for five sub-sections that were previously amended in the April 15, 1998 action. According to the USEPA, these corrections merely fix “typographical errors and clerical oversights.” Based on the non-substantive nature of this action, the Board has chosen to incorporate the USEPA’s actions of August 7, 1998, into this action which would normally only contain amendments occurring between January 1, 1998, through June 30, 1998.

In this rulemaking, the Board adopts the federal amendments of April 15, 1998, and August 7, 1998, by use of the actual text or through incorporation by reference, with only minor deviations from the federal text. This includes alterations that the Board finds are necessary to adopt the substance of the amended federal requirements into the text of the Illinois water pollution control regulations. The Board tabulates below the deviations from the federal text, including brief descriptions of the revisions.

Deviations from the Text of the Federal Amendments in Proposal

Illinois Section	40 C.F.R. Section	Revision
307.4011	40 C.F.R. § 430.110	Added hyphen to change “nonintegrated” to “non-integrated”

Revisions to the Text of the Proposed Amendments in Final Adoption

Section Revised	Source of Revision(s)	Revision(s)
Table of Contents	JCAR	Reinstated stricken sections and subpart headings for §§ 307.4013 to 307.4101
307.4000(a)	JCAR	Added “publicly owned treatment works”; added parentheses around POTW
307.4000(b)	Board	Added “and additional amendments to that section found at 63 Fed. Reg. 42239 (August 7, 1998)”
307.4000(c) & 307.4002(e)	JCAR	Changed to lower case on “Management Practice”
307.4001(a)	JCAR	Removed hyphen after “of”
307.4001(c)(2)	JCAR	Added “(c)” after “subsection”
307.4001(d)(2)	JCAR	Added “(d)” after “subsection”
307.4004(c)(1)	Board	Added “and additional amendments to that section found at 63 Fed. Reg. 42239 (August 7, 1998)”
307.4002(c)(2)	JCAR	Added “(c)” after “subsection”
307.4002(d)(1)	Board	Added “and additional amendments to that section found at 63 Fed. Reg. 42239 (August 7, 1998)”
307.4002(d)(2)	JCAR	Added “(d)” after “subsection”
307.4003(c)(2)	JCAR	Added “(c)” after “subsection”
307.4003(d)(2)	JCAR	Added “(d)” after “subsection”
307.4005(a)	JCAR	Removed comma after “mills”
307.4005(c)(1)	Board	Added “and additional amendments to that section found at 63 Fed. Reg. 42240 (August 7, 1998)”
307.4005(c)(2)	JCAR	Added “(c)” after “subsection”
307.4005(d)(1)	Board	Added “and additional amendments to that section found at 63 Fed. Reg. 42240 (August 7, 1998)”
307.4005(d)(2)	JCAR	Added “(d)” after “subsection”
307.4006(c)(2)	JCAR	Added “(c)” after “subsection”
307.4006(d)(2)	JCAR	Added “(d)” after “subsection”
307.4007(c)(2)	JCAR	Added “(c)” after “subsection”
307.4007(d)(2)	JCAR	Added “(d)” after “subsection”
307.4008(c)(2)	JCAR	Added “(c)” after “subsection”
307.4008(d)(2)	JCAR	Added “(d)” after “subsection”
307.4009(c)(2)	JCAR	Added “(c)” after “subsection”
307.4009(d)(2)	JCAR	Added “(d)” after “subsection”
307.4010(c)(2)	JCAR	Added “(c)” after “subsection”
307.4010(d)(2)	JCAR	Added “(d)” after “subsection”
307.4011(c)(2)	JCAR	Added “(c)” after “subsection”

307.4011(d)(2)	JCAR	Added “(d)” after “subsection”
307.4012	JCAR	Changed “From” to lowercase
307.4012(a)	JCAR	Capitalized “subpart”
307.4013	JCAR	Reinstated repealed section heading
307.4014	JCAR	Reinstated repealed section heading
307.4015	JCAR	Reinstated repealed section heading
307.4016	JCAR	Reinstated repealed section heading
307.4017	JCAR	Reinstated repealed section heading
307.4018	JCAR	Reinstated repealed section heading
307.4019	JCAR	Reinstated repealed section heading
307.4020	JCAR	Reinstated repealed section heading
307.4021	JCAR	Reinstated repealed section heading
307.4022	JCAR	Reinstated repealed section heading
307.4023	JCAR	Reinstated repealed section heading
307.4024	JCAR	Reinstated repealed section heading
307.4025	JCAR	Reinstated repealed section heading
307.4026	JCAR	Reinstated repealed section heading
Sect.307, Subpart BF	JCAR	Reinstated repealed subpart heading
307.4101	JCAR	Reinstated repealed section heading

PUBLIC COMMENTS

The public comment period commenced on January 15, 1999, upon publication of the Board’s proposed amendments in the *Illinois Register*. See 23 Ill. Reg. 631 (January 15, 1999). No public comments were received in regards to this rulemaking proposal. Accordingly, the Board adopts the amendments as proposed in the Board’s December 17, 1998 opinion and order, with some more, non-substantive, stylistic changes that are identified within the preceding sections 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 Sub-category

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~~Unbleached Kraft~~
 307.4002 Bleached Papergrade Kraft and Soda~~Semi-Chemical~~
 307.4003 Unbleached Kraft

307.4004	<u>Dissolving Sulfite</u> Unbleached Kraft Neutral Sulfite Semi-Chemical (Cross Recovery)
307.4005	<u>Papergrade Sulfite</u> Paperboard From Wastepaper
307.4006	<u>Semi-Chemical</u> Dissolving Kraft
307.4007	<u>Mechanical Pulp</u> Market Bleached Kraft
307.4008	<u>Non-Wood Chemical Pulp</u> BCT Bleached Kraft
307.4009	<u>Secondary Fiber Deink</u> Fine Bleached Kraft
307.4010	<u>Secondary Fiber Non-Deink</u> Papergrade Sulfite (Blow Pit Wash)
307.4011	<u>Fine and Lightweight Papers from Purchased Pulp</u> Dissolving Sulfite Pulp
307.4012	<u>Tissue, Filter, Non-Woven, and Paperboard from Purchased Pulp</u> Groundwood-Chemi-Mechanical
307.4013	Groundwood-Thermo-Mechanical (<u>Repealed</u>)
307.4014	Groundwood-CMN Papers (<u>Repealed</u>)
307.4015	Groundwood-Fine Papers (<u>Repealed</u>)
307.4016	Soda (<u>Repealed</u>)
307.4017	Deink (<u>Repealed</u>)
307.4018	Nonintegrated-Fine Papers (<u>Repealed</u>)
307.4019	Nonintegrated-Tissue Papers (<u>Repealed</u>)
307.4020	Tissue From Wastepaper (<u>Repealed</u>)
307.4021	Papergrade Sulfite (Drum Wash) (<u>Repealed</u>)
307.4022	Unbleached Kraft and Semi-Chemical (<u>Repealed</u>)
307.4023	Wastepaper-Molded Products (<u>Repealed</u>)
307.4024	Nonintegrated-Lightweight Papers (<u>Repealed</u>)
307.4025	Nonintegrated-Filter and Nonwoven Papers (<u>Repealed</u>)
307.4026	Nonintegrated-Paperboard (<u>Repealed</u>)

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

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

SUBPART CG: CARBON BLACK MANUFACTURING

Section
307.6801 Carbon Black Furnace Process
307.6802 Carbon Black Thermal Process
307.6803 Carbon Black Channel Process
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SUBPART CJ: BATTERY MANUFACTURING

Section
307.7100 General Provisions

307.7101	Cadmium
307.7102	Calcium
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SUBPART CL: PLASTICS MOLDING AND FORMING

Section	
307.7300	General Provisions
307.7301	Contact Cooling and Heating Water
307.7302	Cleaning Water
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SUBPART CM: METAL MOLDING AND CASTING

Section	
307.7400	General Provisions
307.7401	Aluminum Casting
307.7402	Copper Casting
307.7403	Ferrous Casting
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SUBPART CN: COIL COATING

Section	
307.7500	General Provisions
307.7501	Steel Basis Material
307.7502	Galvanized Basis Material
307.7503	Aluminum Basis Material
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SUBPART CO: PORCELAIN ENAMELING

Section	
307.7600	General Provisions
307.7601	Steel Basis Material
307.7602	Cast Iron Basis Material
307.7603	Aluminum Basis Material
307.7604	Copper Basis Material

SUBPART CP: ALUMINUM FORMING

Section	
307.7700	General Provisions
307.7701	Rolling With Neat Oils
307.7702	Rolling With Emulsions
307.7703	Extrusion

- 307.7704 Forging
- 307.7705 Drawing With Neat Oils
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SUBPART CQ: COPPER FORMING

- Section
- 307.7800 General Provisions
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SUBPART CR: ELECTRICAL AND ELECTRONIC COMPONENTS

- Section
- 307.7901 Semiconductor
 - 307.7902 Electronic Crystals
 - 307.7903 Cathode Ray Tube
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SUBPART CT: NONFERROUS METALS FORMING AND METAL POWDERS

- Section
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 - 307.8102 Magnesium Forming
 - 307.8103 Nickel-Cobalt Forming
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 - 307.8106 Titanium Forming
 - 307.8107 Uranium Forming
 - 307.8108 Zinc Forming
 - 307.8109 Zirconium-Hafnium Forming
 - 307.8110 Metal Powders

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._____, effective _____.

SUBPART BE: PULP, PAPER AND PAPERBOARD

Section 307.4000 General Provisions

- a) Applicability. This Subpart applies to any pulp, paper or paperboard mill which introduces or may introduce process wastewater pollutants into a publicly owned treatment works (POTW).
- b) General definitions. The Board incorporates by reference 40 CFR 430.01 (1998~~86~~) and additional amendments to that section found at 63 Fed. Reg. 42239 (August 7, 1998). This incorporation includes no later amendments or editions.
- c) Best management practices. The Board incorporates by reference 40 CFR 430.03 (1998). This incorporation includes no later amendments or editions.

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

Section 307.4001 Dissolving Kraft~~Unbleached Kraft~~

- a) Applicability. This Section applies to discharges resulting from the production of dissolving pulp at kraft mills~~pulp and paper at unbleached kraft mills.~~
- b) Specialized definitions. The Board incorporates by reference 40 CFR 430.11 (1998~~86~~). This incorporation includes no later amendments or editions.
- c) Existing sources:
 - 1) The Board incorporates by reference 40 CFR 430.16 (1998~~86~~). 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 430.17 (199886). 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 January 6, 1981.

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

Section 307.4002 Bleached Papergrade Kraft and Soda~~Semi-Chemical~~

- a) Applicability. This Section applies to discharges resulting from: the production of market pulp at bleached kraft mills; the integrated production of paperboard, coarse paper, and tissue paper at bleached kraft mills; the integrated production of pulp and fine papers at bleached kraft mills; and the integrated production of pulp and paper at soda mills~~the integrated production of pulp and paper at semi-chemical mills.~~
- b) Specialized definitions. The Board incorporates by reference 40 CFR 430.21 (199886). This incorporation includes no later amendments or editions.
- c) Existing sources:
 - 1) The Board incorporates by reference 40 CFR 430.26 (199886) and additional amendments to that section found at 63 Fed. Reg. 42239 (August 7, 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 430.27 (199886) and additional amendments to that section found at 63 Fed. Reg. 42239 (August 7, 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 January 6, 1981.

e) Best management practices. The Board incorporates by reference 40 CFR 430.28 (1998). This incorporation includes no later amendments or editions.

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

Section 307.4003 Unbleached Kraft

a) Applicability. This Section applies to discharges resulting from: the production of pulp and paper at unbleached kraft mills; the production of pulp and paper at unbleached kraft-neutral sulfite semi-chemical (cross recovery) mills; and the production of pulp and paper at combined unbleached kraft and semi-chemical mills, wherein the spent semi-chemical cooking liquor is burned within the unbleached kraft chemical recovery system.

b) Specialized definitions. The Board incorporates by reference 40 CFR 430.31 (198698). This incorporation includes no later amendments or editions.

c) Existing sources:

1) The Board incorporates by reference 40 CFR 430.36 (198698). 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 430.37 (198698). 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 January 6, 1981.

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

Section 307.4004 Dissolving Sulfite~~Unbleached Kraft Neutral Sulfite Semi-Chemical (Cross Recovery)~~

- a) Applicability. This Section applies to discharges resulting from the production of pulp at dissolving sulfite mills and paper at unbleached kraft neutral sulfite semi-chemical (cross recovery) mills.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 430.41 (199887). This incorporation includes no later amendments or editions.
- c) Existing sources:
 - 1) The Board incorporates by reference 40 CFR 430.46 (199887). 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 430.47 (199887). 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 January 6, 1981.

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

Section 307.4005 Papergrade Sulfite~~Paperboard From Wastepaper~~

- a) Applicability. This Section applies to discharges resulting from the: integrated production of pulp and paper at papergrade sulfite mills where blow pit pulp washing techniques are used; and the integrated production of pulp and paper at papergrade sulfite mills where vacuum or pressure drums are used to wash pulp production of paperboard from wastepaper.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 430.51 (199886). This incorporation includes no later amendments or editions.
- c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 430.56 (1998~~86~~) and additional amendments to that section found at 63 Fed. Reg. 42240 (August 7, 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 430.57 (1998~~86~~) and additional amendments to that section found at 63 Fed. Reg. 42240 (August 7, 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 January 6, 1981.

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

Section 307.4006 Semi-Chemical Dissolving Kraft

- a) Applicability. This Section applies to discharges resulting from the integrated production of pulp and paper at semi-chemical mills~~production of dissolving pulp at kraft mills~~.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 430.61 (1998~~86~~). This incorporation includes no later amendments or editions.
- c) Existing sources:
 - 1) The Board incorporates by reference 40 CFR 430.66 (1998~~86~~). 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 430.67 (199886). 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 January 6, 1981.

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

Section 307.4007 Mechanical Pulp ~~Market Bleached Kraft~~

- a) Applicability. This Section applies to discharges resulting from: the production of pulp and paper at groundwood chemi-mechanical mills; the production of pulp and paper at groundwood mills through the application of the thermo-mechanical process; the integrated production of pulp and coarse paper, molded pulp products, and newsprint at groundwood mills; and the integrated production of pulp and fine paper at groundwood mills ~~the production of market pulp at bleached kraft mills.~~
- b) Specialized definitions. The Board incorporates by reference 40 CFR 430.71 (199886). This incorporation includes no later amendments or editions.
- c) Existing sources:
 - 1) The Board incorporates by reference 40 CFR 430.76 (199886). 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 430.77 (199886). 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 January 6, 1981.

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

Section 307.4008 Non-Wood Chemical Pulp~~BCT Bleached Kraft~~

- a) Applicability. This Section applies to discharges resulting from the production of pulp and paper at non-wood chemical pulp mills. This sub-category includes, but is not limited to, mills producing non-wood pulps from chemical pulping processes such as kraft, sulfite, or soda~~integrated production of paperboard, coarse paper or tissue paper at bleached kraft mills.~~
- b) Specialized definitions. The Board incorporates by reference 40 CFR 430.81 (199886). This incorporation includes no later amendments or editions.
- c) Existing sources:
 - 1) The Board incorporates by reference 40 CFR 430.86 (199886). 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 430.87 (199886). 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 January 6, 1981.

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

Section 307.4009 Secondary Fiber Deink~~Fine Bleached Kraft~~

- a) Applicability. This Section applies to discharges resulting from the integrated production of pulp and paper at deink mills~~or fine papers at bleached kraft mills.~~

- b) Specialized definitions. The Board incorporates by reference 40 CFR 430.91 (199886). This incorporation includes no later amendments or editions.
- c) Existing sources:
 - 1) The Board incorporates by reference 40 CFR 430.96 (199886). 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 430.97 (199886). 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 January 6, 1981.

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

Section 307.4010 Secondary Fiber Non-Deink Papergrade Sulfite (Blow Pit Wash)

- a) Applicability. This Section applies to discharges resulting from the production of: paperboard from wastepaper; tissue paper from wastepaper without deinking at secondary fiber mills; molded products from wastepaper without deinking at secondary fiber mills; and builders' paper and roofing felt from wastepaper integrated production of pulp and paper at papergrade sulfite mills, where blow pit pulp washing techniques are used.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 430.101 (199886). This incorporation includes no later amendments or editions.
- c) Existing sources:
 - 1) The Board incorporates by reference 40 CFR 430.106 (199886). 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 430.107 (199886). 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 January 6, 1981.

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

Section 307.4011 Fine and Lightweight Papers from Purchased Pulp ~~Dissolving Sulfite Pulp~~

- a) Applicability. This Section applies to discharges resulting from the production of: fine paper at non-integrated mills; and lightweight paper at non-integrated mills ~~pulp at dissolving sulfite mills.~~
- b) Specialized definitions. The Board incorporates by reference 40 CFR 430.111 (199886). This incorporation includes no later amendments or editions.
- c) Existing sources:
 - 1) The Board incorporates by reference 40 CFR 430.116 (199886). 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 430.117 (199886). 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 January 6, 1981.

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

Section 307.4012 Tissue, Filter, Non-Woven, and Paperboard from Purchased Pulp
Groundwood-Chemi Mechanical

- a) Applicability. This Section applies to discharges resulting from the production of tissue papers at non-integrated mills, filter and non-woven papers at non-integrated mills, and paperboard at non-integrated mills. The production of electrical grades of board and matrix board is not included in this Subpart ~~pulp and paper at groundwood-chemi-mechanical mills.~~
- b) Specialized definitions. The Board incorporates by reference 40 CFR 430.121 (1988~~86~~). 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: All sources are regulated as existing sources.

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

Section 307.4013 Groundwood-Thermo-Mechanical (Repealed)

- ~~a) Applicability. This Section applies to discharges resulting from the production of pulp and paper at groundwood mills through the application of the thermo-mechanical process.~~
- ~~b) Specialized definitions. The Board incorporates by reference 40 CFR 430.131 (1986). This incorporation includes no later amendments or editions.~~
- ~~c) Existing sources:~~
- ~~1) The Board incorporates by reference 40 CFR 430.136 (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 430.137 (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 January 6, 1981.~~

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

Section 307.4014 Groundwood-CMN Papers (Repealed)

- a) ~~Applicability. This Section applies to discharges resulting from the integrated production of pulp and coarse paper, molded pulp products and newsprint at groundwood mills.~~
- b) ~~Specialized definitions. The Board incorporates by reference 40 CFR 430.141 (1986). This incorporation includes no later amendments or editions.~~
- e) ~~Existing sources:

 - 1) ~~The Board incorporates by reference 40 CFR 430.146 (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 430.147 (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 January 6, 1981.~~~~

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

Section 307.4015 Groundwood-Fine Papers (Repealed)

- a) ~~Applicability. This Section applies to discharges resulting from the integrated production of pulp and fine paper at groundwood mills.~~
- b) ~~Specialized definitions. The Board incorporates by reference 40 CFR 430.151 (1986). This incorporation includes no later amendments or editions.~~
- e) ~~Existing sources:

 - 1) ~~The Board incorporates by reference 40 CFR 430.156 (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 430.157 (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 January 6, 1981.~~~~

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

Section 307.4016 Soda (Repealed)

- a) ~~Applicability. This Section applies to discharges resulting from the integrated production of pulp and paper at soda mills.~~
- b) ~~Specialized definitions. The Board incorporates by reference 40 CFR 430.161 (1986). This incorporation includes no later amendments or editions.~~
- e) ~~Existing sources:

 - 1) ~~The Board incorporates by reference 40 CFR 430.166 (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 430.167 (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 January 6, 1981.~~

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

Section 307.4017 Deink (Repealed)

~~a) — Applicability. This Section applies to discharges resulting from the integrated production of pulp and paper at deink mills.~~

~~b) — Specialized definitions. The Board incorporates by reference 40 CFR 430.171 (1986). This incorporation includes no later amendments or editions.~~

~~e) — Existing sources:~~

~~1) — The Board incorporates by reference 40 CFR 430.176 (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 430.177 (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 January 6, 1981.~~

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

Section 307.4018 Nonintegrated-Fine Papers (Repealed)

- a) ~~Applicability. This Section applies to discharges resulting from the production of fine paper at nonintegrated mills.~~
- b) ~~Specialized definitions. The Board incorporates by reference 40 CFR 430.181 (1986). This incorporation includes no later amendments or editions.~~
- e) ~~Existing sources:~~
- 1) ~~The Board incorporates by reference 40 CFR 430.186 (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 430.187 (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 January 6, 1981.~~

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

Section 307.4019 Nonintergrated-Tissue Papers (Repealed)

- a) ~~Applicability. This Section applies to discharges resulting from the production of tissue papers at non-integrated mills.~~
- b) ~~Specialized definitions. The Board incorporates by reference 40 CFR 430.191 (1986). This incorporation includes no later amendments or editions.~~
- e) ~~Existing sources:~~

- 1) ~~The Board incorporates by reference 40 CFR 430.196 (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 430.197 (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 January 6, 1981.~~

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

Section 307.4020 Tissue From Wastepaper (Repealed)

- a) ~~Applicability. This Section applies to discharges resulting from the production of tissue paper from wastepaper without deinking at secondary fiber mills.~~
 - b) ~~Specialized definitions. The Board incorporates by reference 40 CFR 430.201 (1986). This incorporation includes no later amendments or editions.~~
- e) ~~Existing sources:~~
- 1) ~~The Board incorporates by reference 40 CFR 430.206 (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 430.207 (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 January 6, 1981.~~

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

Section 307.4021 Papergrade Sulfite (Drum Wash) (Repealed)

- a) ~~Applicability. This Section applies to discharges resulting from the integrated production of pulp and paper at papergrade sulfite mills, where vacuum or pressure drums are used to wash pulp.~~
- b) ~~Specialized definitions. The Board incorporates by reference 40 CFR 430.211 (1986). This incorporation includes no later amendments or editions.~~
- e) ~~Existing sources:~~
 - 1) ~~The Board incorporates by reference 40 CFR 430.216 (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 430.217 (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 January 6, 1981.~~

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

Section 307.4022 Unbleached Kraft and Semi-Chemical (Repealed)

- a) ~~Applicability. This Section applies to discharges resulting from the production of pulp and paper at combined unbleached kraft and semi-chemical mills, in which the~~

~~spent semi-chemical cooking liquor is burned within the unbleached kraft chemical recovery system.~~

~~b) Specialized definitions. The Board incorporates by reference 40 CFR 430.221 (1986). This incorporation includes no later amendments or editions.~~

~~c) Existing sources:~~

~~1) The Board incorporates by reference 40 CFR 430.226 (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 430.227 (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 January 6, 1981.~~

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

Section 307.4023 Wastepaper-Molded Products (Repealed)

~~a) Applicability. This Section applies to discharges resulting from the production of molded products from wastepaper without deinking at secondary fiber mills.~~

~~b) Specialized definitions. The Board incorporates by reference 40 CFR 430.231 (1986). This incorporation includes no later amendments or editions.~~

~~c) Existing sources:~~

~~1) The Board incorporates by reference 40 CFR 430.236 (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 430.237 (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 January 6, 1981.~~

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

Section 307.4024 Nonintegrated-Lightweight Papers (Repealed)

a) ~~Applicability. This Section applies to discharges resulting from the production of lightweight paper at nonintegrated mills.~~

b) ~~Specialized definitions. The Board incorporates by reference 40 CFR 430.241 (1986). This incorporation includes no later amendments or editions.~~

e) ~~Existing sources:~~

- 1) ~~The Board incorporates by reference 40 CFR 430.246 (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 430.247 (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 January 6, 1981.~~

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

Section 307.4025 Nonintegrated-Filter and Nonwoven Papers (Repealed)

- a) ~~Applicability. This Section applies to discharges resulting from the production of filter and nonwoven papers at nonintegrated mills.~~
- b) ~~Specialized definitions. The Board incorporates by reference 40 CFR 430.251 (1986). This incorporation includes no later amendments or editions.~~
- c) ~~Existing sources:

 - 1) ~~The Board incorporates by reference 40 CFR 430.256 (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 430.257 (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 January 6, 1981.~~~~

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

Section 307.4026 Nonintegrated-Paperboard (Repealed)

- a) ~~Applicability. This Section applies to discharges resulting from the production of paperboard at nonintegrated mills. The production of electrical grades of board and matrix board is not included in this Section.~~
- b) ~~Specialized definitions. The Board incorporates by reference 40 CFR 430.261 (1986). This incorporation includes no later amendments or editions.~~
- c) ~~Existing sources:

 - 1) ~~The Board incorporates by reference 40 CFR 430.266 (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 430.267 (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 January 6, 1981.~~

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

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

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

a) ~~Applicability. This Section applies to discharges resulting from the production of builders' paper and roofing felt from wastepaper.~~

b) ~~Specialized definitions. The Board incorporates by reference 40 CFR 431.11 (1986). This incorporation includes no later amendments or editions.~~

e) ~~Existing sources:~~

1) ~~The Board incorporates by reference 40 CFR 431.16 (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 431.17 (1986). This incorporation includes no later amendments or editions.~~

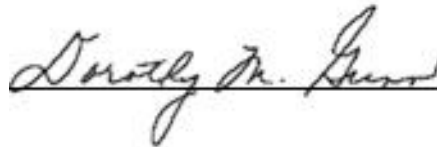
2) ~~No person subject to the pretreatment standards incorporated by reference in subsection (1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.~~

3) ~~"New source" means any building, structure, facility or installation the construction of which commenced after January 6, 1981.~~

(Source: Repealed 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 18th day of March 1999 by a vote of 6-0.

A handwritten signature in cursive script, reading "Dorothy M. Gunn", written over a horizontal line.

Dorothy M. Gunn, Clerk
Illinois Pollution Control Board