

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

PART 304
EFFLUENT STANDARDS

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304.APPENDIX A References to Previous Rules

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

SOURCE: Filed with the Secretary of State January 1, 1978; amended at 2 Ill. Reg. 30, p. 343, effective July 27, 1978; amended at 2 Ill. Reg. 44, p. 151, effective November 2, 1978; amended at 3 Ill. Reg. 20, p. 95, effective May 17, 1979; amended at 3 Ill. Reg. 25, p. 190, effective June 21, 1979; amended at 4 Ill. Reg. 20, p. 53, effective May 7, 1980; amended at 6 Ill. Reg. 563, effective December 24, 1981; codified at 6 Ill. Reg. 7818; amended at 6 Ill. Reg. 11161, effective September 7, 1982; amended at 6 Ill. Reg. 13750, effective October 26, 1982; amended at 7 Ill. Reg. 3020, effective March 4, 1983; amended at 7 Ill. Reg. 8111, effective June 23, 1983; amended at 7 Ill. Reg. 14515, effective October 14, 1983; amended at 7 Ill. Reg. 14910, effective November 14, 1983; amended at 8 Ill. Reg. 1600, effective January 18, 1984; amended at 8 Ill. Reg. 3687, effective March 14, 1984; amended at 8 Ill. Reg. 8237, effective June 8, 1984; amended at 9 Ill. Reg. 1379, effective January 21, 1985; amended at 9 Ill. Reg. 4510, effective March 22, 1985; preemptory amendment at 10 Ill. Reg. 456, effective December 23, 1985; amended at 11 Ill. Reg. 3117, effective January 28, 1987; amended in R84-13 at 11 Ill. Reg. 7291, effective April 3, 1987; amended in R86-17(A) at 11 Ill. Reg. 14748, effective August 24, 1987; amended in R84-16 at 12 Ill. Reg. 2445, effective January 15, 1988; amended in R83-23 at 12 Ill. Reg. 8658, effective May 10, 1988; amended in R87-27 at 12 Ill. Reg. 9905, effective May 27, 1988; amended in R82-7 at 12 Ill. Reg. 10712, effective June 9, 1988; amended in R85-29 at 12 Ill. Reg. 12064, effective July 12, 1988; amended in R87-22 at 12 Ill. Reg. 13966, effective August 23, 1988; amended in R86-3 at 12 Ill. Reg. 20126, effective November 16, 1988; amended in R84-20 at 13 Ill. Reg. 851, effective January 9, 1989; amended in R85-11 at 13 Ill. Reg. 2060, effective February 6, 1989; amended in R88-1 at 13 Ill. Reg. 5976, effective April 18, 1989; amended in R86-17(B) at 13 Ill. Reg. 7754, effective May 4, 1989; amended in R88-22 at 13 Ill. Reg. 8880, effective May 26, 1989; amended in R87-6 at 14 Ill. Reg. 6777,

effective April 24, 1990; amended in R87-36 at 14 Ill. Reg. 9437, effective May 31, 1990; amended in R88-21(B) at 14 Ill. Reg. 12538, effective July 18, 1990; amended in R84-44 at 14 Ill. Reg. 20719, effective December 11, 1990; amended in R86-14 at 15 Ill. Reg. 241, effective December 18, 1990; amended in R93-8 at 18 Ill. Reg. 267, effective December 23, 1993; amended in R87-33 at 18 Ill. Reg. 11574, effective July 7, 1994; amended in R95-14 at 20 Ill. Reg. 3528, effective February 8, 1996; amended in R94-1(B) at 21 Ill. Reg. 364, effective December 23, 1996; expedited correction in R94-1(B) at 21 Ill. Reg. 6269, effective December 23, 1996; amended in R97-25 at 22 Ill. Reg. 1351, effective December 24, 1997; amended in R97-28 at 22 Ill. Reg. 3512, effective February 3, 1998; amended in R98-14 at 23 Ill. Reg. 687, effective December 31, 1998; amended in R02-19 at 26 Ill. Reg. 16948, effective November 8, 2002; amended in R02-11 at 27 Ill. Reg. 194, effective December 20, 2002; amended in R04-26 at 30 Ill. Reg. 2365, effective February 2, 2006; amended in R08-9B at 36 Ill. Reg. 2586, effective February 2, 2012; amended in R13-20 at 38 Ill. Reg. 6107, effective February 26, 2014, amended in R__-__ at __ Ill. Reg. _____, effective _____.

SUBPART B: SITE SPECIFIC RULES AND EXCEPTIONS NOT OF GENERAL
APPLICABILITY

Section 304.205 John Deere Foundry Discharges (Repealed)

- a) ~~This Section applies to existing effluent discharges from an existing nodular iron foundry owned by Deere and Company which discharges to tributaries of Sugar Creek in Sections 29 and 30, T18N, R1E of the Fourth Principal Meridian, Rock Island County.~~
- b) ~~If paragraphs (c) and (d) are met, such discharges shall not be subject to Section 304.105 as it applies to the following water quality standards:
 - 1) ~~35 Ill. Adm. Code 302.211(c);~~
 - 2) ~~35 Ill. Adm. Code 302.211(d); and,~~
 - 3) ~~35 Ill. Adm. Code 302.208 with respect to total dissolved solids and iron (total).~~~~
- c) ~~No person shall cause or allow temperature in any effluent discharge subject to this Section to exceed 37 degrees C (98 degrees F) at any time.~~
- d) ~~No person shall cause or allow the concentration of total dissolved solids (STORET 70300) in any effluent discharge subject to this Section to exceed 2200 mg/l, subject to the averaging rule of Section 304.104.~~

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

- d) ~~PDVMR shall continue its efforts to reduce the concentration of ammonia-nitrogen in its wastewaters.~~
- e) ~~PDVMR shall monitor the nitrogen concentration of its oil feedstocks and report on an annual basis such concentrations to the Agency.~~
- f) ~~PDVMR shall submit the reports described in subsection (e) no later than 60 days after the end of a calendar year.~~
- g) ~~The provisions of this Section shall terminate on December 31, 2008.~~

(Source: Repealed at __Ill. Reg. _____, effective _____)

Section 304.214 Mobil Oil Refinery Ammonia Discharge (Repealed)

- a) ~~This Section applies to discharges from Mobil Oil Corporation's Refinery, located near Joliet, into the Des Plaines River.~~
- b) ~~The requirements of Section 304.122(b) do not apply to Mobil's discharge. Instead Mobil's discharge may not exceed the following limitations:~~

CONSTITUENT	CONCENTRATION (mg/l)
Ammonia Nitrogen	
Monthly Average	9.0
Daily Maximum	23.0

- e) ~~Section 304.104(a) does not apply to this Section. Monthly average and daily composites are as defined in Section 304.104(b).~~
- d) ~~Mobil shall monitor the nitrogen concentration of its oil feedstocks and report on an annual basis such concentrations to the Agency. The report shall be filed with the Agency by January 31 of each year.~~
- e) ~~The provisions of this Section shall terminate on December 31, 2007.~~

(Source: Repealed at __Ill. Reg. _____, effective _____)

Section 304.219 North Shore Water Reclamation Sanitary District Phosphorus Discharges

- a) This Section applies to discharges from the North Shore Water Reclamation Sanitary District excess flow discharge facilities at Waukegan and North Chicago into Lake Michigan;
- b) The requirements of Section 304.123(a) shall not apply to the phosphorus content of the North Shore Sanitary District excess flow discharges from Waukegan and

North Chicago into Lake Michigan. Instead, the following requirements shall apply to North Shore Water Reclamation~~Sanitary~~ District discharges into Lake Michigan:

- 1) The North Shore Water Reclamation~~Sanitary~~ District shall discharge no effluent into Lake Michigan from its Waukegan treatment plant until after that plant has achieved its maximum treatment flow capacity and all the Waukegan treatment plant excess flow retention reservoirs are full to capacity;
 - 2) The North Shore Water Reclamation~~Sanitary~~ District shall discharge no effluent into Lake Michigan from its North Chicago treatment plant until after that plant has achieved its maximum treatment flow capacity, the North Chicago treatment plant excess flow retention reservoirs are full to capacity, the maximum rate of transfer of untreated effluent to Gurnee has been achieved, the Gurnee treatment plant has achieved its maximum treatment flow capacity, and the Gurnee treatment plant excess flow retention reservoirs are full to capacity.
- c) The North Shore Water Reclamation~~Sanitary~~ District shall increase the maximum peak treatment flow capacity of its Waukegan treatment plant to at least 44 million gallons per day before January 1, 1992;
 - d) The North Shore Water Reclamation~~Sanitary~~ District shall increase the maximum peak treatment flow capacity of its Gurnee treatment plant to 39 million gallons per day before January 1, 1989;
 - e) The North Shore Water Reclamation~~Sanitary~~ District shall increase the excess flow retention reservoir capacity at its Gurnee treatment plant to 50 million gallons before January 1, 1991;
 - f) The North Shore ~~Sanitary~~ Water Reclamation~~Sanitary~~ shall operate its Waukegan or North Chicago treatment plant at its maximum treatment flow capacity during any period in which less than 90 percent of the retention reservoir capacity is available to receive excess flows at the relevant treatment plant, except when such unavailability results during times of normal treatment plant and/or retention basin maintenance; and
 - g) The North Shore Water Reclamation~~Sanitary~~ District shall, as required pursuant to Section 309.141, immediately embark on a program of excess flow and water quality impact monitoring, shall periodically submit the data from such monitoring to the Illinois Environmental Protection Agency ("Agency"), and shall submit a comprehensive study of this data and monitoring for the period 1987 through 1991 to the Board and the Agency before April 1, 1992.

(Source: Amended at __Ill. Reg. _____, effective _____)

SUBPART C: TEMPORARY EFFLUENT STANDARDS

Section 304.302 City of Joliet East Side Wastewater Treatment Plan (Repealed)

~~This Section applies only to the City of Joliet's East Side Wastewater Treatment Plant which discharges into Hickory Creek in Will County, Illinois. The discharges of that plant shall not be subject to the effluent standards of Section 304.120(c), provided that those discharges meet the five-day biochemical oxygen demand (BOD) and suspended solids limitations of Section 304.120(b). This Section will expire on January 1, 1994.~~

(Source: Repealed at __Ill. Reg. _____, effective _____)

Section 304.303 Amerock Corporation, Rockford Facility (Repealed)

- ~~a) This Section applies only to stormwater discharges from Amerock Corporation's Rockford facility into North Kent Creek in Winnebago County, Illinois.~~
- ~~b) Instead of the general effluent limitations set forth in Section 304.124(a) for the following listed parameters, stormwater discharges from Amerock's Rockford facility shall not exceed the following limitations:~~

CONSTITUENT	STORET NUMBER	LIMITATION (lbs/me)
Chromium (total)	01032	4.0
Chromium (hexavalent)	01033	1.0
Copper	01042	20.0
Cyanide	00720	3.0
Zinc	01092	60.0
Total Suspended Solids	00530	300.0

- ~~e) This Section is not effective after December 31, 2000.~~

(Source: Repealed at __Ill. Reg. _____, effective _____)