

ILLINOIS POLLUTION CONTROL BOARD
April 7, 1988

IN THE MATTER OF:)
)
PETITION FOR SITE-SPECIFIC)
RELIEF BY THE CITY OF ALTON) R82-7
)

PROPOSED RULE. SECOND NOTICE.

ORDER OF THE BOARD (by J. Marlin):

This matter comes before the Board upon the April 15, 1982 filing by the City of Alton (City) of a proposal for site-specific relief from 35 Ill. Adm. Code 304.106 (offensive discharges), 304.120(c) (10/12 mg/l BOD/TSS effluent standards), 304.121 (400 mg/l fecal coliform bacteria effluent standard), 304.124 (15 mg/l total suspended solids effluent standard), and from the combined sewer overflow (CSO) provisions at Sections 306.302 (prohibition on expansion of or new CSO service areas), 306.303 (elimination of excess sewer infiltration), 306.304 (prohibition on sanitary sewer overflows), 306.305 (treatment of overflows and bypasses) and 306.306 (compliance dates).

On January 21, 1988, the Board, for the second time, proposed a rule for First Notice. That proposal was published in the Illinois Register on February 16, 1988. 12 Ill. Reg. 3547.

The Board received no public comments during the First Notice comment period. For clarity, the Board has added an explanatory sentence at the beginning of Section 306.502. Also, the Board has made some non-substantive changes in accordance with the codification requirements of the Secretary of State.

The Board hereby proposes the following amendments for Second Notice to be filed with the Joint Committee on Administrative Rules.

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

PART 304
EFFLUENT STANDARDS

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

Section 304.210 Alton Wastewater Treatment Plant Discharges

The discharge from the City of Alton's (Alton) sewage treatment works outfall 001 sewer located on Wood River Creek, approximately 1,000 feet from its confluence with the Mississippi

River, shall not be subject to Section 304.120(c). Instead, Alton's discharge shall not exceed the following limitations: 20 milligrams per liter for five day biochemical oxygen demand (BOD₅) (STORET number 00310) and 25 milligrams per liter for total suspended solids (STORET number 00530). Compliance shall be determined consistent with Section 304.120(e).

(Source: Added at 12 Ill. Reg. ,
effective)

PART 306
PERFORMANCE CRITERIA

SUBPART F: SITE SPECIFIC RULES AND EXCEPTIONS

Section 306.502 Alton Combined Sewer Overflow Discharges

This Section shall apply to certain sewer discharges from the City of Alton.

- a) The discharge from the Piasa-State Street Sewer, defined as being at Mississippi River mile 202.64, shall not be subject to the provisions of 35 Ill. Adm. Code 304.106, 304.120, 304.121 and 304.124 during the following conditions:
 - 1) Prior to replacement of the existing Locks and Dam 26, when the tailwater elevation exceeds 415.3; or
 - 2) After replacement of Locks and Dam 26, where the pool level exceeds elevation 420 at Mississippi River miles 203.12 and 203.22 (Piasa and State Street Outlets relocated).
- b) Discharges from the City of Alton at Mississippi River miles 201.66 (Shields Valley), 202.24 (Central Avenue), 203.12 (Piasa Outlet), 203.22 (State Street Outlet), 203.61 (Summit Street), 203.87 (Bluff Street) and 204.30 (Turner Tract), shall be subject to the following conditions:
 - 1) The overflow structures and the associated interceptor sewer shall be protected against intrusion by flood waters and be maintained operational at flood stages from Mississippi River backflow for a 25-year Mississippi River flood stage, except as follows:

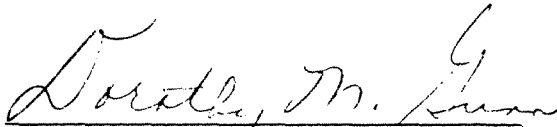
Overflow Structure	River Mile	Protection Level Mean Sea Level (MSL) River Stage
Piasa Outlet	203.12	420.0 MSL
State Street Outlet	203.22	420.0 MSL
Summit Street	203.61	426.7 MSL
Bluff Street	203.87	426.7 MSL
Turner Tract	204.30	426.7 MSL

- 2) The City of Alton shall achieve and maintain maximum transport capability of the south side interceptor sewer system; and
 - 3) No later than the date of completion of Lock and Dam 26 the south side interceptor pump station shall be upgraded to a design capacity of a minimum of 13.7 million gallons per day.
- c) Discharges from the combined sewer overflows designated in subsection (b) shall not be subject to the treatment requirements of Section 306.305(a) and (b) provided that:
- 1) The City of Alton shall achieve and maintain maximum transport capability of the South side interceptor sewer system; and
 - 2) The South side interceptor pump station shall be upgraded to a design capacity of a minimum of 13.7 million gallons per day.

(Source: Added at 12 Ill. Reg. ,
effective)

IT IS SO ORDERED.

I, Dorothy M. Gunn, Clerk of the Illinois Pollution Control Board, hereby certify that the above Order was adopted on the 7th day of April, 1988, by a vote of 7-0.


Dorothy M. Gunn, Clerk
Illinois Pollution Control Board