

ILLINOIS POLLUTION CONTROL BOARD  
July 23, 1981

IN THE MATTER OF: )  
 )  
PROPOSED AMENDMENT TO CHAPTER 2: ) R80-11  
AIR POLLUTION, RULES 309, 312 AND 405, )  
NON-METHANE HYDROCARBON AND OZONE )  
STANDARDS, OZONE EPISODE CRITERIA. )

Proposed Rule.      First Notice.

ORDER OF THE BOARD (by J. Anderson):

First notice of the revisions proposed by the Environmental Protection Agency (Agency) to Rules 312 and Rule 405 of Chapter 2: Air Pollution, which relate to ozone, appeared in Illinois Register, Vol. 4, No. 39 (September 26, 1980), pursuant to the Board's Order of August 7, 1980.

During the course of the merit and economic impact hearings, which have recently been completed, the Agency also presented testimony concerning deletion in its entirety of Rule 309, the non-methane hydrocarbon standard. This amended proposal, filed with the Board September 15, 1980, was published in the Environmental Register #224 (September 29, 1980).

In addition, at the close of the last hearing, the Agency proposed that the ozone rules be re-drafted to list the 0.12 ppm as the first and preferred measurement system, with the 235 micrograms per cubic meter as the parenthetical, less preferred system, in conformance with federal listing methods.

The Board accordingly directs that first notice of proposed deletion of Rule 309 be published, and that first notice of the proposed amendments to Rules 312 and 405 be republished, in the interests of informing interested parties of all components of the R80-11 regulatory proposal. No further hearings will be scheduled, although written comments will be received for 30 days following publication of the first notice.

The Clerk is directed to cause publication of first notice of the following amendments to Chapter 2:

Rule 309: Non-methane-Hydrocarbons- Repealed.

(a) Standard---The-ambient-air-quality-standard-for  
non-methane-hydrocarbons,-measured-as-methane,

~~is 160 micrograms per cubic meter (0.24 ppm) maximum 3-hour concentration (6 to 9 a.m.) not to be exceeded more than once per year.~~

(b) Measurement Method. -- For determining conformance with the non-methane hydrocarbon air quality standard, hydrocarbons shall be measured by the hydrogen flame ionization detector technique as described in 36 Federal Register, pp. 22394-22396, November 25, 1971, or by an equivalent method approved by the Agency.

Rule 312: Photochemical Oxidants Ozone.

(a) Standard. The ambient air quality standard for photochemical oxidants ozone is 0.12 ppm (235 micrograms per cubic meter) (0.08 ppm) maximum one-hour concentration not to be exceeded more than once per year on more than one day per year.

(b) Measurement Method. For determining conformance with the photochemical oxidants ozone air quality standard, photochemical oxidants ozone shall be measured by the ozone-ethylene reaction method as described in 36 Federal Register, pp. 22392-22393, November 25, 1971, or by an equivalent method approved by the Agency.

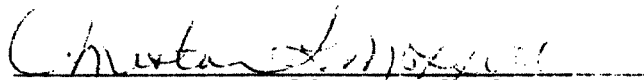
Rule 405: CRITERIA FOR DECLARING EPISODE STAGES

(a) Watch, Alert, and Emergency Levels

<u>Pollutant</u>	<u>Averaging Time</u>		<u>Watch</u>	<u>Yellow Alert</u>	<u>Red Alert</u>	<u>Emergency</u>
	<u>Advisory</u>	<u>Watch</u>				
Ozone (ppm)	2-hour	<u>0.07 .12</u>	--	--	--	--
	1-hour	--	--	<u>0.17 0.20</u>	0.30	0.50

IT IS SO ORDERED.

I, Christan L. Moffett, Clerk of the Illinois Pollution Control Board, hereby certify that the above Order was adopted on the 23<sup>rd</sup> day of July, 1981 by a vote of 6-0.

  
 Christan L. Moffett, Clerk  
 Illinois Pollution Control Board