

ILLINOIS POLLUTION CONTROL BOARD  
July 11, 2013

IN THE MATTER OF: )  
)  
PROCEDURAL RULES FOR )  
ALTERNATIVE THERMAL EFFLUENT )  
LIMITATIONS UNDER SECTION 316(a) OF ) R13-20  
THE CLEAN WATER ACT: PROPOSED ) (Rulemaking - Water)  
NEW 35 ILL. ADM. CODE PART 106, )  
SUBPART K AND AMENDED SECTION )  
304.141(c) )

Proposed Rule. First Notice

OPINION AND ORDER OF THE BOARD (by J.A. Burke):

On June 20, 2013, the Illinois Environmental Protection Agency (Agency) filed a rulemaking proposing procedural rules for establishing alternative thermal effluent limitations under Section 316(a) of the Clean Water Act (CWA) and 35 Ill. Adm. Code 304.141. The rulemaking was filed pursuant to Sections 13, 26 and 28 of the Environmental Protection Act (Act) (415 ILCS 5/13, 26 and 28 (2010)) and Section 102.202 of the Board's procedural rules (35 Ill. Adm. Code 102.202).

For the reasons stated below, the Board accepts the Agency's rulemaking proposal for hearing. Without commenting on the substantive merits of the proposed amendments, the Board directs the Clerk to provide first notice of the proposal.

**BRIEF SUMMARY OF THE AGENCY'S PROPOSAL**

The Agency filed a number of documents with its proposal, including a statement of reasons (SR). The Agency proposes that the Board adopt a new Subpart K of Part 106. SR at 1. Specifically, the proposal will provide procedural rules for establishing alternative thermal effluent limitations under Section 316(a) of the CWA and 35 Ill. Adm. Code 304.141. *Id.* The proposal will also update Section 304.141 of the Board's regulations to include a cross-reference to the new Subpart K and to update language to reflect the United States Environmental Protection Agency (USEPA) delegation of permitting authority to the Agency. *Id.* at 10.

The Agency notes that the Board's statutory requirement to hold a hearing before adopting a substantive rule does not apply to procedural rules. SR at 6. The Agency states that, in this rulemaking, it has integrated existing federal regulations in 40 CFR Part 125 (2012) with the typical procedures found in the Board's procedural rules. *Id.* at 6-7. The Agency does not believe that its proposed rule contains substantive regulations and therefore requests that the Board move to first notice before holding hearings on this proposal. *Id.* at 7.

## **BOARD DISCUSSION**

### **First Notice and Hearing**

The Board finds that the Agency's rulemaking proposal meets the content requirements of the Board's procedural rules and accepts the rulemaking for hearing. 35 Ill. Adm. Code 102.202.

The Agency has requested that the Board proceed to first notice without holding a hearing. SR at 7. The Agency states that it submitted drafts of this rulemaking proposal to USEPA and representatives of the electric generating industry and environmental groups in advance of this filing. *Id.* at 11. To date, the Board has not received any objection to the Agency's request to proceed to first notice without holding a hearing. For these reasons, the Board grants the Agency's request.

While the Board is not statutorily required to hold a hearing before adopting procedural rules, this rulemaking also proposes to update Section 304.141 of the Board's regulations, which is not a Board procedural rule. The Board therefore intends to hold two hearings on the proposal under Section 28 of the Act. 415 ILCS 5/28 (2010).

The assigned hearing officer will establish dates and locations for the hearings. The Board directs its hearing officer to avoid unnecessary delay in scheduling hearings or otherwise completing the record. After considering the issues raised at the hearings and in public comments, the Board will determine whether to issue a second-notice opinion and order for review by the Joint Commission on Administrative Rules. Any adopted rules will be published in the *Illinois Register*.

### **Public Comment**

The Board today adopts the proposed rule amendments for first notice under the Illinois Administrative Procedures Act (5 ILCS 100/5-40 (2010)) without commenting on the proposal's merits. First-notice publication in the *Illinois Register* of these proposed amendments starts a period of at least 45 days during which anyone may file a public comment with the Board. The docket number for this rulemaking, R13-20, should be indicated on the public comment.

Public comments must be filed with the Clerk of the Board. Public comments may be filed at the following address:

Pollution Control Board  
John Therriault, Clerk  
JRTC  
100 W. Randolph Street, Suite 11-500  
Chicago, IL 60601

In addition, public comments may be filed electronically through the Clerk's Office On-Line (COOL) on the Board's Web site at [www.ipcb.state.il.us](http://www.ipcb.state.il.us). Any questions about electronic filing through COOL should be directed to the Clerk's Office at (312) 814-3629.

### **CONCLUSION**

For the reasons stated above, the Board accepts the Agency's rulemaking proposal for hearing. Without substantive comments on the merits, the Board directs the Clerk to provide first notice of the proposal. The Board directs its hearing officer to avoid unnecessary delay in scheduling hearings or otherwise completing the record.

### **ORDER**

The Board directs the Clerk to cause the first-notice publication of the following rule in the *Illinois Register*:

TITLE 35: ENVIRONMENTAL PROTECTION  
SUBTITLE A: GENERAL PROVISIONS  
CHAPTER I: POLLUTION CONTROL BOARD

PART 106

PROCEEDINGS PURSUANT TO SPECIFIC RULES OR STATUTORY PROVISIONS

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SUBPART E: MAXIMUM ACHIEVABLE CONTROL TECHNOLOGY  
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Section	
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SUBPART F: CULPABILITY DETERMINATIONS FOR PARTICULATE MATTER LESS  
THAN OR EQUAL TO 10 MICRONS (PM-10)

Section	
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SUBPART G: INVOLUNTARY TERMINATION OF ENVIRONMENTAL MANAGEMENT  
SYSTEM AGREEMENTS (EMSAs)

Section

106.700	Purpose
106.702	Applicability
106.704	Termination under Section 52.3-4(b) or (b-5) of the Act
106.706	Who May Initiate, Parties
106.707	Notice, Statement of Deficiency, Answer
106.708	Service
106.710	Notice of Hearing
106.712	Deficient Performance
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106.716	Burden of Proof
106.718	Motions, Responses
106.720	Intervention
106.722	Continuances
106.724	Discovery, Admissions
106.726	Subpoenas
106.728	Settlement Procedure
106.730	Authority of Hearing Officer, Board Members, and Board Assistants
106.732	Order and Conduct of Hearing
106.734	Evidentiary Matters
106.736	Post-Hearing Procedures
106.738	Motion after Entry of Final Order
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#### SUBPART H: AUTHORIZATIONS UNDER THE REGULATION OF PHOSPHORUS IN DETERGENTS ACT

Section	
106.800	General
106.802	Definitions
106.804	Initiation of Proceeding
106.806	Petition Content Requirements
106.808	Response and Reply
106.810	Hearing
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#### SUBPART I: AUTHORIZATIONS FOR CERTAIN LANDSCAPE WASTE AND COMPOST APPLICATIONS AND ON-FARM COMPOSTING FACILITIES

Section	
106.900	General
106.902	Initiation of Proceeding
106.904	Petition Content Requirements
106.906	Petition Notice Requirements
106.908	Proof of Petition Notice Requirements
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106.912	Hearing
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SUBPART J: TEMPORARY LANDFILL BAN WAIVERS UNDER  
THE ELECTRONIC PRODUCTS RECYCLING AND REUSE ACT

Section	
106.1000	General
106.1002	Definitions
106.1004	Initiation of Proceeding
106.1006	Petition Content Requirements
106.1008	Response and Reply
106.1010	Burden of Proof
106.1012	Board Decision

SUBPART K: ALTERNATIVE THERMAL EFFLUENT LIMITATIONS PURSUANT TO  
SECTION 316(a) OF THE CLEAN WATER ACT AND 35 ILL. ADM. CODE 304.141(c)

<u>Section</u>	
<u>106.1100</u>	<u>Purpose</u>
<u>106.1105</u>	<u>General</u>
<u>106.1110</u>	<u>Definitions</u>
<u>106.1115</u>	<u>Early Screening</u>
<u>106.1120</u>	<u>Detailed Plan of Study</u>
<u>106.1125</u>	<u>Initiation of Proceeding</u>
<u>106.1130</u>	<u>Contents of Petition</u>
<u>106.1135</u>	<u>Petition Notice Requirements</u>
<u>106.1140</u>	<u>Proof of Petition Notice Requirements</u>
<u>106.1145</u>	<u>Recommendation and Response</u>
<u>106.1150</u>	<u>Request for Public Hearing</u>
<u>106.1155</u>	<u>Notice and Conduct of Hearing</u>
<u>106.1160</u>	<u>Burden of Proof</u>
<u>106.1165</u>	<u>Evidentiary Matters</u>
<u>106.1170</u>	<u>Opinion and Order</u>
<u>106.1175</u>	<u>Post-Hearing Procedures</u>
<u>106.1180</u>	<u>Renewal of Alternative Thermal Effluent Limitations</u>

106.APPENDIX A Comparison of Former and Current Rules (Repealed)

AUTHORITY: Implementing and authorized by Sections 5, 14.2(c), 21(q), 22.4, 26, 27, 28, 28.1, 28.5, 35, 36, 37, 38, 39.5 and 52.3 of the Environmental Protection Act (the Act) [415 ILCS 5/5, 14.2(c), 21(q), 21.622.4, 26, 27, 28, 28.1, 28.5, 35, 36, 37, 38, 39.5 and 52.3], and Section 5 of the Regulation of Phosphorus in Detergents Act [415 ILCS 92/5] and Section 95 of the Electronic Products Recycling and Reuse Act [415 ILCS 150/95].

SOURCE: Filed with Secretary of State January 1, 1978; amended at 4 Ill. Reg. 2, p. 186, effective December 27, 1979; codified at 6 Ill. Reg. 8357; amended in R85-22 at 10 Ill. Reg. 992, effective February 2, 1986; amended in R86-46 at 11 Ill. Reg. 13457, effective August 4, 1987; amended in R82-1 at 12 Ill. Reg. 12484, effective July 13, 1988; amended in R88-10 at 12 Ill. Reg. 12817, effective July 21, 1988; amended in R88-5(A) at 13 Ill. Reg. 12094, effective

July 10, 1989; amended in R88-5(B) at 14 Ill. Reg. 9442, effective June 5, 1990; amended in R93-24 at 18 Ill. Reg. 4230, effective March 8, 1994; amended in R93-30 at 18 Ill. Reg. 11579, effective July 11, 1994; amended in R99-9 at 23 Ill. Reg. 2697, effective February 16, 1999; old Part repealed, new Part adopted in R00-20 at 25 Ill. Reg.550, effective January 1, 2001; amended in R04-24 at 29 Ill. Reg. 8817, effective June 8, 2005; amended in R10-19 at 34 Ill. Reg. 11486, effective July 23, 2010; amended in R12-21 at 36 Ill. Reg. 9236, effective June 7, 2012; amended in R12-11 at 36 Ill. Reg. 16581, effective November 5, 2012; amended in R13-20 at 37 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_.

**SUBPART K: ALTERNATIVE THERMAL EFFLUENT LIMITATIONS PURSUANT TO SECTION 316(a) OF THE CLEAN WATER ACT AND 35 ILL. ADM. CODE 304.141(c)**

**Section 106.1100 Purpose**

This Subpart describes the factors, criteria, and standards for the establishment of alternative thermal effluent limitations under 35 Ill. Adm. Code 304.141(c) and Section 316(a) of the Clean Water Act and in permits issued under 35 Ill. Adm. Code 309.

(Source: Added at 37 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

**Section 106.1105 General**

- a) Description. This Subpart applies to any point source that discharges pollutants to waters of the United States who seeks to demonstrate pursuant to 35 Ill. Adm. Code 304.141(c) and Section 316(a) of the Clean Water Act that any effluent limit proposed for the control of a thermal component of any discharge from such source will require effluent limitations more stringent than necessary to assure the protection and propagation of a balanced, indigenous population of shellfish, fish, and wildlife in and on the body of water into which the discharge is to be made.
- b) Parties. The person making the demonstration must be named the petitioner. The Agency must be named as a respondent. Any interested person may become a participant in the alternative thermal effluent limitation demonstration proceeding in accordance with 35 Ill. Adm. Code 101.110 and 101.628.
- c) Filing and service. The filing and service requirements of 35 Ill. Adm. Code 101.Subpart C apply to the proceedings of this Subpart.

(Source: Added at 37 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

**Section 106.1110 Definitions**

In addition to these definitions, all definitions of the Illinois Environmental Protection Act [415 ILCS 5], and 35 Ill. Adm. Code 301, apply to this Subpart. For the purpose of this Subpart:

“Alternative thermal effluent limitations” means all effluent limitations or standards of performance for the control of the thermal component of any discharge that are established under 35 Ill. Adm. Code 304.141(c), Section 316(a) of the CWA and this Subpart.

"CWA" means the Federal Water Pollution Control Act, as amended, (33 U.S.C. 1251 et seq., Public Law 92-500 enacted by Congress October 18, 1972, as amended by the "Clean Water Act", Public Law 95-217, enacted December 12, 1977, as amended).

“Representative important species” means species that are representative, in terms of their biological needs, of a balanced, indigenous community of shellfish, fish, and wildlife in the body of water into which a discharge of heat is made.

“Balanced, indigenous community” is synonymous with the term “balanced, indigenous population” in the CWA and means a biotic community typically characterized by diversity, the capacity to sustain itself through cyclic seasonal changes, presence of necessary food chain species, and by a lack of domination by pollution tolerant species. Such a community may include historically non-native species introduced in connection with a program of wildlife management and species whose presence or abundance results from substantial, irreversible environmental modifications. Normally, however, such a community will not include species whose presence or abundance is attributable to the introduction of pollutants that will be eliminated by compliance by all sources with Section 301(b)(2) of the CWA; and may not include species whose presence or abundance is attributable to alternative thermal effluent limitations imposed pursuant to this Subpart or through regulatory relief from otherwise applicable thermal limitations or standards granted by the Board.

(Source: Added at 37 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

### **Section 106.1115 Early Screening**

- a) Prior to filing a petition for an alternative thermal effluent limitation, the petitioner must submit the following early screening information to the Agency:
- 1) A description of the alternative thermal effluent limitation requested;
  - 2) A general description of the method by which the discharger proposes to demonstrate that the otherwise applicable thermal discharge effluent limitations are more stringent than necessary;
  - 3) A general description of the type of data, studies, experiments and other information that the discharger intends to submit for the demonstration;  
and

- 4) A proposed representative important species list and such data and information as may be available to assist the Agency in approving the selection of the appropriate representative important species.
- b) Within 30 days from receipt of the early screening information under subsection (a) of this Section, the petitioner shall consult with the Agency to discuss the petitioner's early screening information.

(Source: Added at 37 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

### **Section 106.1120 Detailed Plan of Study**

- a) Within 60 days after the early screening information is submitted pursuant to Section 106.1115 of this Part, the petitioner shall submit for the Agency's approval a detailed plan of study that the petitioner will undertake to support its alternative thermal effluent limitation demonstration.
- b) The petitioner shall specify the nature and extent of the following types of information to be included in the plan of study:
- 1) biological, hydrographical, and meteorological data;
  - 2) physical monitoring data;
  - 3) engineering or diffusion models;
  - 4) laboratory studies;
  - 5) representative important species; and
  - 6) other relevant information.
- c) In selecting representative important species, special consideration shall be given to species mentioned in applicable water quality standards.
- d) The petitioner shall provide any additional information or studies that the Agency subsequently determines necessary to support the alternative thermal effluent limitation demonstration, including such field or other studies as may be necessary to select representative important species.
- e) In making the alternative thermal effluent limitation demonstration the petitioner shall consider any information or guidance published by USEPA to assist in making such demonstrations.
- f) Within 90 days of petitioner's submittal of its detailed plan of study, the Agency shall approve the plan or specify any recommended revisions to the plan.

- g) After obtaining Agency approval or the Agency's recommended revisions, the petitioner shall complete the plan of study prior to filing the petition for an alternative thermal effluent limitation with the Board.

(Source: Added at 37 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

### **Section 106.1125 Initiation of Proceeding**

After completion of the plan of study pursuant to Section 106.1120, the petitioner may file a petition for an alternative thermal effluent limitation with the Clerk of the Board and must serve one copy upon the Agency.

(Source: Added at 37 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

### **Section 106.1130 Contents of Petition**

A petition for an alternative thermal effluent limitation must include the following:

- a) Information providing a general plant description including, as applicable:
- 1) Generating capacity;
  - 2) Type of fuel used;
  - 3) Operating characteristics of the condenser cooling system;
  - 4) History of the load factor of the plant for the last 5 years;
  - 5) Projected load factors of the plant for the next 5 years;
  - 6) Estimated date of retirement for each unit at the plant and any plans for additional units at the plant;
  - 7) History of plant shutdowns for the last 5 years;
  - 8) Planned and emergency shutdowns with frequency and duration for the last 5 years; and
  - 9) Planned and projected shutdowns with frequency and duration for the next five years.
- b) Description of Method for Heat Dissipation:

- 1) Type of system used (such as once-through, mechanical, and draft cooling towers) in narrative form; and
- 2) Summary information on temperature of discharge to receiving waters in narrative form.
- c) A summary of compliance or non-compliance with thermal requirements at the facility in the past five years;
- d) The results of the studies conducted pursuant to the detailed plan of study submitted under Section 106.1120 of this Part;
- e) Any information or guidance published by USEPA to assist in making alternative thermal effluent limitation demonstrations that the Board should consider in evaluating the petition; and
- f) Any additional information or studies that the petitioner judges to be appropriate to support the alternative thermal effluent limitation demonstration.

(Source: Added at 37 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

#### **Section 106.1135 Petition Notice Requirements**

- a) Within 14 days after the filing of the petition, the petitioner must publish notice of the filing of the petition by advertisement in a newspaper of general circulation in the county where the facility is located.
- b) The notice must contain the name and address of the petitioner and it must state that the petitioner has filed with the Board a petition for an alternative thermal effluent limitation. The notice must also provide the date on which the petition was filed, the Board docket number, the regulatory standard (with appropriate Administrative Code citation) from which the alternative thermal effluent limitation is sought, the proposed alternative thermal effluent limitation, and the location of the facility. The concluding portion of the notice must read as follows:

“Any person may cause a public hearing to be held in the above-described proceeding by filing a hearing request with the Illinois Pollution Control Board within 21 days after the date of the publication of this notice. The hearing request should clearly indicate the docket number for the proceeding, as found in this notice, and must be mailed to the Clerk of the Board, Illinois Pollution Control Board, 100 W. Randolph Street, Suite 11-500, Chicago, Illinois 60601.”

(Source: Added at 37 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

**Section 106.1140 Proof of Petition Notice Requirements**

Within 30 days after the filing of the petition, the petitioner must file a certificate of publication. This certification must be issued by the newspaper that published the notice and must certify when the notice was published and the information the notice contained.

(Source: Added at 37 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

**Section 106.1145 Recommendation and Response**

Within 45 days after the filing of a petition for an alternative thermal effluent limitation, the Agency must file with the Board a recommendation as to whether the Board should grant the petitioner's requested alternative thermal effluent limitation. The petitioner, any party to the proceeding, or any interested person may file a response to the Agency recommendation within 21 days after the Agency files its recommendation.

(Source: Added at 37 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

**Section 106.1150 Request for Public Hearing**

Any person can request that a public hearing be held in a proceeding under this Subpart. The requests must be filed with the Clerk of the Board no later than 21 days after the date of the publication of the petition notice in accordance with Section 106.1135 of this Part. Requests for hearing should make reference to the Board docket number assigned to the proceeding.

(Source: Added at 37 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

**Section 106.1155 Notice and Conduct of Hearing**

- a) The Board shall hold a public hearing on the petition and alternative thermal effluent limitation demonstration when one is requested in accordance with Section 106.1150 of this Part or when requested by the petitioner.
- b) The hearing officer will schedule the hearing to be held in the county likely to be affected by the petitioner's activity.
- c) The Clerk will give notice of the hearing in accordance with 35 Ill. Adm. Code 101. The proceedings will be conducted in accordance with 35 Ill. Adm. Code 101.Subpart F.

(Source: Added at 37 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

**Section 106.1160 Burden of Proof**

- a) The burden of proof is on the petitioner.

- b) The petitioner must demonstrate to the satisfaction of the Board that the otherwise applicable effluent limitations under Chapter I of Subtitle C of this Title are more stringent than necessary to assure the protection and propagation of a balanced, indigenous community of shellfish, fish, and wildlife in and on the body of water into which the discharge is made.
- c) The demonstration must show that the alternative thermal effluent limitation desired by the petitioner, considering the cumulative impact of its thermal discharge together with all other significant impacts on the species affected, will assure the protection and propagation of a balanced indigenous community of shellfish, fish, and wildlife in and on the body of water into which the discharge is to be made.
- d) Existing dischargers may base their demonstration upon the absence of prior appreciable harm in lieu of predictive studies.
- 1) When the petitioner bases the alternative thermal effluent limitation demonstration upon the absence of prior appreciable harm, the demonstration must show:
- A) That no appreciable harm has resulted from the normal component of the discharge, taking into account the interaction of such thermal component with other pollutants and the additive effect of other thermal sources to a balanced, indigenous community of shellfish, fish, and wildlife in and on the body of water into which the discharge has been made; or
- B) That despite the occurrence of such previous harm, the desired alternative thermal effluent limitation (or appropriate modifications thereof) will nevertheless assure the protection and propagation of a balanced, indigenous community of shellfish, fish, and wildlife in and on the body of water into which the discharge is made.
- 2) In determining whether or not prior appreciable harm has occurred, the Board shall consider the length of time during which the petitioner has been discharging and the nature of the discharge.

(Source: Added at 37 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

### **Section 106.1165 Evidentiary Matters**

- a) The provisions of 35 Ill. Adm. Code 101 regarding admissible evidence, written narrative testimony, official notice, viewing premises, admitting business records, examining adverse parties or agents and hostile witnesses and compelling them to appear at hearing, and amendment and variance of pleadings and proof will apply to proceedings under this Subpart.

- b) In determining whether or not the protection and propagation of the affected species will be assured, the Board may consider any information contained or referenced in any applicable thermal water quality criteria and thermal water quality information published by the USEPA under section 304(a) of the CWA, or any other information the Board deems relevant.

(Source: Added at 37 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

### **Section 106.1170 Opinion and Order**

- a) After an opportunity for a public hearing and upon a satisfactory alternative thermal effluent limitation demonstration, the Board may order the Agency to include thermal discharge effluent limitations or standards in the petitioner's NPDES permit that are less stringent than those required by applicable standards and limitations if the thermal component of the discharge, taking into account the interaction of such thermal component with other pollutants, will assure the protection and propagation of a balanced, indigenous population of shellfish, fish, and wildlife in and on the body of water.
- b) If the petitioner intends for the alternative thermal effluent limitation granted by the Board pursuant to this Subpart to continue beyond the expiration of the petitioner's NPDES permit, the petitioner must apply for renewal of the alternative thermal effluent limitation pursuant to Section 106.1180.

(Source: Added at 37 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

### **Section 106.1175 Post-Hearing Procedures**

- a) The provisions of 35 Ill. Adm. Code 101 regarding default, transcripts, the record, motions, briefs, and oral arguments apply to proceedings under this Subpart.
- b) In addition to the provisions of 35 Ill. Adm. Code 101.520 and 101.902, if USEPA objects pursuant to 40 C.F.R. §123.44 to issuance in the petitioner's NPDES permit of the alternative thermal effluent limitation ordered by the Board, the Agency is given leave to file a motion for reconsideration of the Board's order granting the effluent limitation pursuant to 35 Ill. Adm. Code 101.520 within 35 days after the Agency's receipt of USEPA's objection.

(Source: Added at 37 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

### **Section 106.1180 Renewal of Alternative Thermal Effluent Limitations**

- a) The permittee may request continuation of an alternative thermal effluent limitation granted by the Board, pursuant to this Subpart, as part of its NPDES permit renewal application.
- b) Any application for renewal should include sufficient information for the Agency to compare the nature of the permittee's thermal discharge and the balanced, indigenous population of shellfish, fish, and wildlife at the time the Board granted the alternative thermal effluent limitation and the current nature of the petitioner's thermal discharge and the balanced, indigenous population of shellfish, fish, and wildlife. The permittee should be prepared to support this comparison with documentation based upon the discharger's actual operation experience during the previous permit term.
- c) If the permittee demonstrates that the nature of the thermal discharge has not changed and the alternative thermal effluent limitation granted by the Board has not caused appreciable harm to a balanced, indigenous population of shellfish, fish, and wildlife in and on the body of water into which the discharge is made, the Agency may include the alternative thermal effluent limitation in the permittee's renewed NPDES permit.
- d) If the nature of the thermal discharge has changed materially or the alternative thermal effluent limitation granted by the Board has caused appreciable harm to a balanced, indigenous population of shellfish, fish, and wildlife in and on the body of water into which the discharge is made, the Agency may not include the thermal relief granted by the Board in the permittee's renewed NPDES permit. The permittee must file a new petition and make the required demonstration pursuant to this Subpart before the alternative thermal effluent limitation may be included in the permittee's renewed NPDES permit.

(Source: Added at 37 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

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

PART 304  
 EFFLUENT STANDARDS

SUBPART A: GENERAL EFFLUENT STANDARDS

Section	
304.101	Preamble
304.102	Dilution
304.103	Background Concentrations
304.104	Averaging
304.105	Violation of Water Quality Standards
304.106	Offensive Discharges
304.120	Deoxygenating Wastes
304.121	Bacteria
304.122	Total Ammonia Nitrogen (as N: STORET number 00610)
304.123	Phosphorus (STORET number 00665)
304.124	Additional Contaminants
304.125	pH
304.126	Mercury
304.140	Delays in Upgrading (Repealed)
304.141	NPDES Effluent Standards
304.142	New Source Performance Standards (Repealed)

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

Section	
304.201	Wastewater Treatment Plant Discharges of the Metropolitan Water Reclamation District of Greater Chicago
304.202	Chlor-alkali Mercury Discharges in St. Clair County
304.203	Copper Discharges by Olin Corporation
304.204	Schoenberger Creek: Groundwater Discharges
304.205	John Deere Foundry Discharges
304.206	Alton Water Company Treatment Plant Discharges
304.207	Galesburg Sanitary District Deoxygenating Wastes Discharges
304.208	City of Lockport Treatment Plant Discharges
304.209	Wood River Station Total Suspended Solids Discharges
304.210	Alton Wastewater Treatment Plant Discharges
304.211	Discharges From Borden Chemicals and Plastics Operating Limited Partnership Into an Unnamed Tributary of Long Point Slough
304.212	Sanitary District of Decatur Discharges
304.213	PDV Midwest Refining, L.L.C. Refinery Ammonia Discharge
304.214	Mobil Oil Refinery Ammonia Discharge
304.215	City of Tuscola Wastewater Treatment Facility Discharges

304.216	Newton Station Suspended Solids Discharges
304.218	City of Pana Phosphorus Discharge
304.219	North Shore Sanitary District Phosphorus Discharges
304.220	East St. Louis Treatment Facility, Illinois-American Water Company
304.221	Ringwood Drive Manufacturing Facility in McHenry County
304.222	Intermittent Discharge of TRC
304.224	Effluent Disinfection

### SUBPART C: TEMPORARY EFFLUENT STANDARDS

#### Section

304.301	Exception for Ammonia Nitrogen Water Quality Violations (Repealed)
304.302	City of Joliet East Side Wastewater Treatment Plant
304.303	Amerock Corporation, Rockford Facility

#### 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; peremptory 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 37 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_.

## SUBPART A: GENERAL EFFLUENT STANDARDS

### Section 304.141 NPDES Effluent Standards

- a) No person to whom an NPDES Permit has been issued may discharge any contaminant in his effluent in excess of the standards and limitations for that contaminant which are set forth in his permit.
- b) No person may discharge any pollutant subject to, or which contributes or threatens to cause a violation of, any applicable federal or state water quality standard, effluent standard, guideline or other limitation, promulgated pursuant to the CWA or the Act, unless limitation for such a pollutant has been set forth in an applicable NPDES Permit. However, the Agency may, by permit condition, provide that the permittee may discharge pollutants present in its water supply intake sources in concentrations not greater than the concentrations in the intake sources, or which are added in trace amounts by normal domestic water usage.<sup>1</sup>
- c) The standards of this Chapter shall apply to thermal discharges unless, after public notice and opportunity for public hearing, in accordance with Section 316 of the CWA, ~~and applicable federal regulations, and procedures in 35 Ill. Adm. Code 106 Subpart K, the Agency Administrator~~ and the Board have determined that different standards shall apply to a particular thermal discharge.

<sup>1</sup>Section 304.141(b) was declared invalid in *Peabody Coal Co. v. PCB*, 3 Ill. App. 3d 5 (5th District, 1976) and declared valid in *U.S. Steel v. PCB*, 52 Ill. App. 3d 1 (2d District, 1977).

(Source: Amended at 37 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

IT IS SO ORDERED.

I, John T. Therriault, Clerk of the Illinois Pollution Control Board, certify that the Board adopted the above order on July 11, 2013, by a vote of 4-0

A handwritten signature in black ink that reads "John T. Therriault". The signature is written in a cursive style with a long horizontal stroke at the end.

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John T. Therriault, Clerk  
Illinois Pollution Control Board