

ILLINOIS POLLUTION CONTROL BOARD

March 5, 2015

IN THE MATTER OF:)
NATIONAL AMBIENT AIR QUALITY) R15-4
STANDARDS, USEPA REGULATIONS) (Identical-in-Substance Rulemaking - Air)
(January 1, 2014 through June 30, 2014 and)
November 4, 2014))

Adopted Rule. Final Order.

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

This rulemaking updates the ambient air quality standards in the Board’s air pollution regulations (35 Ill. Adm. Code 243) to include revisions to the National Ambient Air Quality Standards (NAAQS)¹ adopted by the United States Environmental Protection Agency (USEPA) pursuant to section 109 of the Clean Air Act (CAA) (42 U.S.C. § 7409 (2011)) during the period January 1, 2014 through June 30, 2014.

Today the Board amends one segment of the Illinois ambient air quality standards to reflect revisions and USEPA actions that affect the federal NAAQS codified in 40 C.F.R. 50. As explained below, the Board intends the Illinois ambient air quality standards adopted in this proceeding to be identical-in-substance with their federal counterparts, as “identical-in-substance” is defined by Section 7.2(a) of the Environmental Protection Act (Act) (415 ILCS 5/7.2(a) (2012)).

Section 10(H) of the Act (415 ILCS 5/10(H)), as added by P.A. 97-945 (eff. Aug. 10, 2012)), mandates this rulemaking by requiring the Board to “adopt ambient air quality standards specifying the maximum permissible short-term and long-term concentrations of various contaminants in the atmosphere; those standards shall be identical in substance to the national ambient air quality standards promulgated by . . . the United States Environmental Protection Agency in accordance with Section 109 of the Clean Air Act [(42 U.S.C. § 7409)].” 415 ILCS 5/10(H) (2012).

The Board adopted the initial amendments in National Ambient Air Quality Standards, USEPA Regulations (through December 31, 2012), R13-11 (July 25, 2013), which were effective on July 29, 2013. *See* 37 Ill. Reg. 12882 (Aug. 9, 2013). The Board updated the amendments in National Ambient Air Quality Standards, USEPA Regulations (January 1, 2013 through June 30, 2012, July 3, 2013, and August 5, 2013), R14-6 (Sep. 5, 2013) and National Ambient Air Quality Standards, USEPA Regulations (July 1, 2013 through December 31, 2013), R14-6 (Mar. 20, 2014).

Section 10(H) of the Act (415 ILCS 5/10(H) (2012)) and Section 1-5(c)(1) of the Administrative Procedure Act (APA) (5 ILCS 100/1-5(c)(1) (2012)) also provide that Title VII

¹ Throughout this opinion and in the regulatory text, the Board uses the abbreviation “NAAQS” to refer to a single standard and “NAAQS” to refer to multiple standards.

of the Act and Section 5-35 of the APA (5 ILCS 100/5-35 (2012)) do not apply to this proceeding. Accordingly, the Board has not adopted a “First Notice” proposal, or a “Second Notice” proposal for review by the Joint Committee on Administrative Rules (JCAR). However, as provided in Section 10(H) of the Act, and as explained in the two following segments of this opinion and order, the Board, before adopting final rule amendments, has provided notice of a rulemaking proposal in the *Illinois Register*, held one public hearing on that proposal as required by the federal Clean Air Act (33 U.S.C. § 7410(a) (2011)), and allowed for public comment.

The Board reserved this docket to accommodate amendments that are necessary to update the Illinois ambient air quality standards to reflect revisions and USEPA actions that affect the federal NAAQS during the period January 1, 2014 through June 30, 2014. Board action is necessary to amend the Illinois ambient air quality standards to conform with the NAAQS adopted and amended by USEPA. USEPA designated four new federal equivalent methods (FEMs) for use in demonstrating compliance with the NAAQS on June 18, 2014. USEPA simultaneously issued an updated version of its *List of Designated Reference and Equivalent Methods* on June 18, 2014.

USEPA subsequently designated two new federal reference methods (FRMs) and two new FEMs on November 4, 2014. The Board has included the November 4, 2014 designations in this docket for the sake of administrative economy. On December 18, 2014, USEPA issued an updated version of its *List of Designated Reference and Equivalent Methods* that included two new FRMs and two new FEMs.

The Board prefaces this opinion with procedural matters. First, the Board provides information on the public comment period. Second, the Board describes facts relative to a scheduled public hearing for this proceeding. Third, the Board sets forth the timetable for completing this rulemaking. The substantive discussions follow the procedural matters.

PUBLIC COMMENTS

The Board adopted a proposal for public comment in this matter on November 20, 2014. A Notice of Proposed Amendment appeared in the December 12, 2014 issue of the *Illinois Register*, at 38 Ill. Reg. 23289. The 45-day public comment period ended on January 26, 2015. The Board held a public hearing on January 8, 2015 for the purpose of allowing interested members of the public to comment on the proposed amendments and the anticipated SIP revision that will result from their adoption. *See* 42 U.S.C. § 7410(a) (2011); 40 C.F.R. 51.102 and appendix V (2013).

The Board received no comments or testimony on the proposal for public comment. The Board received a document marked “1st Notice Version” from JCAR. JCAR customarily suggests corrections to the text of rules by such a document. The document received in this matter did not suggest any corrections to the present amendments.

OVERVIEW OF THE FEDERAL NAAQS AND THIS PROCEEDING

The amendments proposed today are intended to make the Illinois ambient air quality standards identical-in-substance to the NAAQS adopted by USEPA. Today’s proposal includes one ancillary USEPA action that occurred during the period January 1, 2014 through June 30,

2014: USEPA approved four new FEMs and simultaneously issued an update to its *List of Designated Reference and Equivalent Methods* on June 18, 2014. Further, Board action on the June 18, 2014 USEPA approval of four new FEMs is not necessary because the June 18, 2014 update to the *List of Designated Methods* subsumes the June 18, 2014 approvals.

The Board added one USEPA action that occurred after the nominal timeframe of this docket. USEPA designated two new FRMs and two new FEMs on November 4, 2014. On December 18, 2014, issued an update to its *List of Designated Reference and Equivalent Methods*. This update included the approvals of November 4, 2014, in addition to all designated methods included in the June 18, 2014 version of the *List*. Thus, updating the incorporation by reference in 35 Ill. Adm. Code 243.108 will obviate action on the June 18, 2014 version of the *List* and the November 4, 2014 methods designations. The Board has added this action for administrative economy.

Docket R14-17: January 1, 2014 through June 30, 2014 Amendments

USEPA did not amend the federal NAAQS once during the period January 1, 2014 through June 30, 2014. Instead, USEPA undertook three ancillary actions during the period. The actions, described below, all related to approval of new analytical methods for demonstrating compliance.

Board action is required on only one of the USEPA actions, as is summarized below:

June 2, 2014 (79 Fed. Reg. 31566)

Description of the USEPA action: As a result of the remand in Natural Resources Defense Council v. EPA, 706 F.3d 428 (D.C. Cir. 2013), USEPA classified moderate non-attainment all areas previously designated non-attainment for the 1997 and 2006 fine particulate matter (PM_{2.5}) NAAQS. The only non-attainment areas listed for Illinois in 40 C.F.R. 81.314 for the 1997 annual PM_{2.5} NAAQS are Madison, Monroe, St. Clair Counties and Baldwin Village in Randolph County. These areas are now classified as moderate non-attainment. No areas of Illinois are designated non-attainment for the 1997 or 2006 24-hour PM_{2.5} NAAQS.

Prospective necessary Board action in response: This USEPA action affects no sunset provision in 40 C.F.R. 50.7 and 50.13 (corresponding with 35 Ill. Adm. Code 243.120(b) and (c)). The Board references this federal action, but no Board action will be necessary based on it.

June 18, 2014 (79 Fed. Reg. 34734): Four New FEMs

Description of the USEPA action: USEPA designated one new FEM for nitrogen oxides (NO_x), two new FEMs for ozone (O₃), and one new FEM for lead (Pb) in ambient air.

Prospective necessary Board action in response: This action would normally require the Board to update the incorporation by reference of the *List of*

Designated Reference and Equivalent Methods in Section 243.108 to include this *Federal Register* notice. USEPA's updated versions of the *List of Designated Methods* on June 18, 2014 and December 18, 2014 include these designations. Updating the incorporation by reference will include the new FEMs in the Illinois rules.

June 18, 2014: Updated Version of *List of Designated Reference and Equivalent Methods*

Description of the USEPA action: USEPA issued an updated version of its *List of Designated Reference and Equivalent Methods*.

Prospective necessary Board action in response: The Board would normally modify the version of the *List of Designated Reference and Equivalent Methods* that is incorporated by reference in Section 243.108 to include this version. USEPA issued an updated version of the *List* on December 18, 2014. That newer version obviates action on the June 18, 2014 version.

Later USEPA NAAQS-Related Action of Interest

The Board engages in ongoing monitoring of federal actions. As of the date of this opinion and accompanying order, the Board has identified one USEPA action since June 30, 2014 that further affected the NAAQS in a way that would require Board attention. That action is described as follows:

The Board includes the November 4, 2014 designations in this docket for the sake of administrative economy.

November 4, 2014 (79 Fed. Reg. 65392): Two New FRMs and Two New FEMs

Description of the USEPA action: USEPA designated one new FRM for fine particulates (PM_{2.5}) and another for coarse particulates (PM_{10-2.5}). USEPA designated one new FEM for O₃ and one new FEM for carbon monoxide (CO) in ambient air.

Prospective necessary Board action in response: This action would normally require the Board to update the incorporation by reference of the *List of Designated Reference and Equivalent Methods* in Section 243.108 to include this *Federal Register* notice. USEPA's updated version of the *List of Designated Methods* on December 18, 2014 includes these designations. Updating the incorporation by reference will include the new FEMs in the Illinois rules.

December 18, 2014: Updated Version of *List of Designated Reference and Equivalent Methods*

Description of the USEPA action: USEPA issued an updated version of its *List of Designated Reference and Equivalent Methods*.

Prospective necessary Board action in response: The Board must modify the version of the *List of Designated Reference and Equivalent Methods* that is incorporated by reference in Section 243.108

**Summary Listing of the Federal Action
Upon Which Action is Required in This Docket**

Based on the foregoing, the federal action that forms the basis for Board action in this update docket is the following:

Federal Action Date (citation)	Description of the Action
December 18, 2014	Update to the List of Designated Methods

The Context of This Identical-in-Substance Proceeding

The Board does not engage in substantive review of federal standards in the context of an identical-in-substance proceeding. Rather, the Board reviews federal standards only to the extent necessary to make a “best fit” for those standards in the context of the Illinois regulatory scheme.

The Board tries to follow the structure and content of federal regulations where possible. This ensures the full incorporation of all necessary elements of the present federal standards, and it makes updating the regulations easier when future federal amendments occur.

Departures from the federal structure may occur for a variety of reasons and will be noted as needed below. Where more stringent pre-existing State standards exist that will continue in effect after incorporation of federal elements, the Board will incorporate a structure that retains those State standards. *See, e.g., RCRA Subtitle D Amendments (Amendments to 35 Ill. Adm. Code 810, 811, and 814), R93-10 (Sept. 15, 1993), slip op. at 3-5 (adding required federal elements into existing State regulations); Safe Drinking Water Act Regulations, R88-26 (Aug. 9, 1990), slip op. at 6-7 (retaining more stringent pre-existing State regulations within the body of new federal requirements).*

DISCUSSION

The following discussion begins with substantive discussion of the single USEPA action that requires Board action in this docket. The discussion concludes with a description of the types of deviations that the Board makes from the literal text of federal regulations in adopting identical-in-substance rules.

Discussion of the Particular Federal Action Involved in This Docket

Updated Edition of List of Designated Methods—Section 243.108

On June 18, 2014, USEPA released a new version of the *List of Designated Methods*. The List is not codified, and the Board did not see that USEPA published a notice for the update in the *Federal Register*. Rather, USEPA’s usual practice is simply to post a link to the updated

version on the Internet (at www.epa.gov/ttn/amtic/criteria.html). Thus, the Board found the update in a routine on-line check for an update.

The June 18, 2014 update to the *List of Designated Methods* included a number of methods that were modified since the last version dated December 17, 2013. These were the methods modifications that appeared in the *Federal Register* on June 18, 2014,² as described above. The modified methods were the following, arranged by criteria pollutant:

Nitrogen oxides:

Automated Equivalent Method EQNA-0414-212 (Teledyne Advanced Pollution Instrumentation, Model T500C CAPS Nitrogen Dioxide Analyzer): “Teledyne Advanced Pollution Instrumentation, Model T500C cavity attenuated phase shift spectroscopy Nitrogen Dioxide Analyzer.” Designated at 79 Fed. Reg. 34734 (June 18, 2014).

Ozone:

Automated Equivalent Method EQOA-0514-214 (Teledyne Advanced Pollution Instrumentation, Model T204 Analyzer): “Teledyne Advanced Pollution Instrumentation, Model T204 NOX + O3 Analyzer.” Designated at 79 Fed. Reg. 34734 (June 18, 2014).

Automated Equivalent Method EQOA-0514-215 (2B Technologies Model 211 Ozone Monitor): “2B Technologies Model 211 scrubberless Ozone Monitors.” Designated at 79 Fed. Reg. 34734 (June 18, 2014).

Lead:

Manual Equivalent Method EQL-0514-213: “Determination of Lead (Pb) on TSP Hi-Volume Filters by Microwave-Assisted Digestion and Time of Flight Inductively Coupled Mass Spectrometry (TOF ICP-MS).” Designated at 79 Fed. Reg. 34734 (June 18, 2014).

The *List of Designated Methods* is essential to implementation of the various NAAQS. The *List* specifies the analytical methods that are permissible for the monitoring required to demonstrate compliance with ambient air quality standards. Thus, the modifications are important to any entity or State using the particular methods.

Any person interested in the substance of the June 18, 2014 update to the List of Designated Methods should refer to that document. Any person interested in the June 18, 2014 methods approvals should refer to the appropriate *Federal Register* notice. Alternatively, interested persons could contact USEPA as directed at www.epa.gov/ttn/amtic/criteria.html.

² As is discussed below, USEPA subsequently updated the list again on December 18, 2014.

The December 17, 2013 version of the *List of Designated Methods* is incorporated by reference in Section 243.108. The Board proposed updating that incorporation by reference to the *List of Designated Methods* to the June 18, 2014 version of the *List* in the November 20, 2014 proposal for public comment. An intervening update to the List on December 18, 2014 obviates the update to the June 18, 2014 version.

Request for Public Comments: The Board requested comments on the update to the incorporation by reference to the June 18, 2014 version of the *List of Designated Methods*. The Board received no comments or testimony in this regard.

Designation of Two FRMs and Two FEMs—Section 243.108

On November 4, 2014 (at 79 Fed. Reg. 65392), USEPA published notice of designation of four new method in the *Federal Register*. USEPA designated two new FRMs and two new FEMs. The methods are described as follows:

Fine particulates (PM_{2.5}):

Manual Reference Method RFPS-1014-219 (Tisch Environmental Model TE-Wilbur 2.5 PM_{2.5} Low-Volume Air Particulate Sampler): “Tisch Environmental Model TE-Wilbur 2.5 PM_{2.5} Low-Volume Air Particulate Sampler.” Designated at 79 Fed. Reg. 65392 (November 4, 2014).

Coarse particulates (PM_{10-2.5}):

Manual Reference Method RFPS-1014-220 (Tisch Environmental Model TE-Wilbur 2.5 PM_{2.5} Low-Volume Air Particulate Sampler (RFPS-1014-219) and Tisch Environmental Model TE-Wilbur 10 PM₁₀ Low-Volume Air Particulate Sampler (RFPS-1014-216) operated together per instruction manual): “Tisch Environmental Model TE-Wilbur Low-Volume Air Particulate Sampler Pair.” Designated at 79 Fed. Reg. 65392 (November 4, 2014).

Carbon monoxide (CO):

Manual Equivalent Method EQL-0814-217: (Mercury replacement-UV photometric method): “Peak Laboratories, Model 910-170 Carbon Monoxide Analyzer.” Designated at 79 Fed. Reg. 65392 (November 4, 2014).

Ozone:

Automated Equivalent Method EQOA-0914-218 (2B Technologies Model 106-L or OEM-106-L Ozone Monitor): “2B Technologies Model 106-L or OEM-106-L Ozone Monitor.” Designated at 79 Fed. Reg. 65392 (November 4, 2014).

The Board proposed adding an incorporation by reference to this November 18, 2014 *Federal Register* notice as an addendum to the incorporation by reference to the June 18, 2014 version of the *List of Designated Methods*. That will not be necessary because USEPA has since updated the List to include the methods designated on November 4, 2014.

Updated Edition of List of Designated Methods—Section 243.108

On December 18, 2014, USEPA again updated the *List of Designated Methods*. The December 18, 2014 update to the *List of Designated Methods* included a number of methods that were modified since the last version dated June 18, 2014. These were the methods modifications that appeared in the *Federal Register* on November 4, 2014.

The Board has updated the version of the *List of Designated Methods* incorporated by reference in 35 Ill. Adm. Code 243.108 to the December 18, 2014 version. This will update the Board’s rules to include all FRMs and FEMs designated by USEPA up to that date. Principally, the methods that USEPA added to the *List* were those designated on June 18, 2014 and November 4, 2014.

Deviations from the Literal Text of the Federal Amendments and Non-Federally Derived Corrections and Clarifications

The Board routinely examines federal amendments and the base text of rules open for amendments to find any areas that need correction or clarification. JCAR and the Office of the Secretary of State also routinely examine the text and suggest corrections and clarifications. Sometimes suggestions arise from the Agency, USEPA, or members of the regulated community. The Board often makes revisions as a result. The revisions thus made are not directly derived from federal amendments. The Board is ever mindful of the limited discretion authorized in the context of an identical-in-substance proceeding. The Board is limited to “those changes that are necessary for compliance with the Illinois Administrative Code,” “technical changes that in no way change the scope or meaning of any portion of the regulations,” and “apparent typographical and grammatical errors.” *See* 415 ILCS 5/7.2(a) and (a)(7) (2012). Thus, the Board will only make minor, non-substantive corrections and clarifications in this context. These corrections are non-substantive in effect.

Table 1 below documents the amendment made in this proceeding that did not derive directly from USEPA amendments to the federal NAAQS. Since the updates to federal reference methods and federal equivalent methods are not amendments to the federal NAAQS themselves, the Board lists the update to the *List of Designated Methods* and the ancillary changes in the table. Table 2 lists the revisions that the Board has made to the text of the amendments from the text of the November 20, 2014 proposal for public comment.

**Table 1:
Amendments Not Directly Based on Federal NAAQS Amendments**

Illinois Provision	Revision(s)
243.108, USEPA, List of Designated Reference and Equivalent Methods”	Changed “December 17, 2013” to “December 18, 2014.”

**Table 2:
Revisions to the Text of the Proposed Amendments
Made in Final Adoption**

Section	Revision(s)
243.108, USEPA, “List of Designated Reference and Equivalent Methods”	Updated “June 18, 2014” to “December 18, 2014”; changed the amendment from “does not include USEPA methods approvals that occurred after December 17, 2013,” including an ending period, to “includes USEPA methods designations included in the following Federal Register notice,” including an ending colon, to “does not include USEPA methods approvals that occurred after December 18, 2014,” including an ending period; removed the listing for the notice in the November 4, 2014 <i>Federal Register</i> re the designation of two new FRMs and two new FEMs.

ORDER

The Board directs the Clerk to immediately file the following adopted amendments to the Illinois ambient air quality regulations at 35 Ill. Adm. Code 243 with the Office of the Secretary of State:

TITLE 35: ENVIRONMENTAL PROTECTION
SUBTITLE B: AIR POLLUTION
CHAPTER I: POLLUTION CONTROL BOARD
SUBCHAPTER I: AIR QUALITY STANDARDS AND EPISODES

PART 243
AIR QUALITY STANDARDS

SUBPART A: GENERAL PROVISIONS

Section	
243.101	Definitions
243.102	Scope
243.103	Applicability
243.104	Nondegradation (Repealed)
243.105	Air Quality Monitoring Data Influenced by Exceptional Events
243.106	Monitoring (Repealed)
243.107	Reference Conditions
243.108	Incorporations by Reference

SUBPART B: STANDARDS AND MEASUREMENT METHODS

Section	
243.120	PM ₁₀ and PM _{2.5}
243.121	Particulates (Repealed)
243.122	Sulfur Oxides (Sulfur Dioxide)
243.123	Carbon Monoxide

243.124	Nitrogen Oxides (Nitrogen Dioxide as Indicator)
243.125	Ozone
243.126	Lead
243.APPENDIX A	Rule into Section Table (Repealed)
243.APPENDIX B	Section into Rule Table (Repealed)
243.APPENDIX C	Past Compliance Dates (Repealed)
243.TABLE A	Schedule of Exceptional Event Flagging and Documentation Submission for New or Revised NAAQS

AUTHORITY: Implementing Sections 7.2 and 10 and authorized by Section 27 of the Environmental Protection Act [415 ILCS 5/7.2, 10, and 27].

SOURCE: Adopted as Chapter 2: Air Pollution, Part III: Air Quality Standards, in R71-23, filed and effective April 14, 1972; amended in R80-11, at 6 Ill. Reg. 5804, effective April 22, 1982; amended in R82-12, at 7 Ill. Reg. 9906, effective August 18, 1983; codified at 7 Ill. Reg. 13630; amended in R91-35 at 16 Ill. Reg. 8185, effective May 15, 1992; amended in R09-19 at 35 Ill. Reg. 18857, effective October 25, 2011; amended in R13-11 at 37 Ill. Reg. 12882, effective July 29, 2013; amended in R14-6 at 37 Ill. Reg. 19848, effective November 27, 2013; amended in R14-16 at 38 Ill. Reg. 12900, effective June 9, 2014; amended in R15-4 at 39 Ill. Reg. _____, effective _____.

SUBPART A: GENERAL PROVISIONS

Section 243.108 Incorporations by Reference

The following materials are incorporated by reference. These incorporations do not include any later amendments or editions:

Government Printing Office (GPO), 732 Capitol Street NW, Washington, DC 20401 (telephone: 202-512-1800 or 866-512-1800; website: www.gpo.gov).
The following documents incorporated by reference are available from this source:

Appendix A-1 to 40 CFR 50 (2013) (Reference Measurement Principle and Calibration Procedure for the Measurement of Sulfur Dioxide in the Atmosphere (Ultraviolet Fluorescence Method)), referenced in Section 243.122.

Appendix A-2 to 40 CFR 50 (2013) (Reference Method for the Determination of Sulfur Dioxide in the Atmosphere (Pararosaniline Method)), referenced in Section 243.122.

Appendix B to 40 CFR 50 (2013) (Reference Method for the Determination of Suspended Particulate Matter in the Atmosphere (High-Volume Method)), referenced in appendix G to 40 CFR 50 (see below).

Appendix C to 40 CFR 50 (2013) (Reference Measurement Principle and Calibration Procedure for the Measurement of Carbon Monoxide in the Atmosphere (Non-Dispersive Infrared Photometry)), referenced in Section 243.123.

Appendix D to 40 CFR 50 (2013) (Reference Measurement Principle and Calibration Procedure for the Measurement of Ozone in the Atmosphere), referenced in Section 243.125.

Appendix F to 40 CFR 50 (2013) (Reference Measurement Principle and Calibration Procedure for the Measurement of Nitrogen Dioxide in the Atmosphere (Gas Phase Chemiluminescence)), referenced in Section 243.124.

Appendix G to 40 CFR 50 (2013), as amended at 78 Fed. Reg. 40000 (July 3, 2013) (Reference Method for the Determination of Lead in Suspended Particulate Matter Collected from Ambient Air), referenced in Section 243.126.

Appendix H to 40 CFR 50 (2013) (Interpretation of the 1-Hour Primary and Secondary National Ambient Air Quality Standards for Ozone), referenced in Section 243.125.

Appendix I to 40 CFR 50 (2013) (Interpretation of the 8-Hour Primary and Secondary National Ambient Air Quality Standards for Ozone), referenced in Section 243.125.

Appendix J to 40 CFR 50 (2013) (Reference Method for the Determination of Particulate Matter as PM_{10} in the Atmosphere), referenced in Section 243.120.

Appendix K to 40 CFR 50 (2013) (Interpretation of the Primary and Secondary National Ambient Air Quality Standards for Particulate Matter), referenced in Section 243.120.

Appendix L to 40 CFR 50 (2013) (Reference Method for the Determination of Fine Particulate Matter as $PM_{2.5}$ in the Atmosphere), referenced in Section 243.120.

Appendix N to 40 CFR 50 (2013), as amended at 78 Fed. Reg. 47191 (August 5, 2013) (Interpretation of the Primary and Secondary National Ambient Air Quality Standards for Particulate Matter), referenced in Section 243.120.

Appendix O to 40 CFR 50 (2013) (Reference Method for the Determination of Coarse Particulate Matter as $PM_{10-2.5}$ in the Atmosphere), referenced in appendix Q to 40 CFR 50 and for use in

federally required monitoring by the NCore system pursuant to 40 CFR 58.

Appendix P to 40 CFR 50 (2013) (Interpretation of the Primary and Secondary National Ambient Air Quality Standards for Ozone), referenced in Section 243.125.

Appendix Q to 40 CFR 50 (2013) (Reference Method for the Determination of Lead in Particulate Matter as PM10 Collected from Ambient Air), referenced in appendix R to 40 CFR 50.

Appendix R to 40 CFR 50 (2013) (Interpretation of the National Ambient Air Quality Standards for Lead), referenced in Section 243.126.

Appendix S to 40 CFR 50 (2013) (Interpretation of the Primary National Ambient Air Quality Standards for Oxides of Nitrogen (Nitrogen Dioxide)), referenced in Section 243.124.

Appendix T to 40 CFR 50 (2013) (Interpretation of the Primary National Ambient Air Quality Standards for Oxides of Sulfur (Sulfur Dioxide)), referenced in Section 243.122.

Clean Air Act, 42 USC 7401 et seq. (2011) (for definitions of terms only), referenced in Section 243.102.

BOARD NOTE: Segments of the Code of Federal Regulations and the United States Code are available for free download as PDF documents from the GPO FDsys website: <http://www.gpo.gov/fdsys/>.

USEPA, National Exposure Research Laboratory, Human Exposure & Atmospheric Sciences Division (MD-D205-03), Research Triangle Park, NC 27711. The following documents incorporated by reference are available from this source:

“List of Designated Reference and Equivalent Methods” (~~December 17, 2013~~)(December 18, 2014) (referred to as the “List of Designated Methods” and referenced in Sections 243.101, 243.120, 243.122, 243.123, 243.124, 243.125, and 243.126.

This incorporation by reference does not include USEPA methods approvals that occurred after ~~December 17, 2013~~ 18, 2014.

BOARD NOTE: The List of Designated Methods is available for free download as a PDF document from the USEPA, Technology Transfer, Ambient Monitoring Technology Information Center website: <http://www.epa.gov/ttn/amtic/criteria.html>.

(Source: Amended at 39 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 opinion and order on March 5, 2015, 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 flourish at the end.

John T. Therriault, Clerk
Illinois Pollution Control Board