

ILLINOIS POLLUTION CONTROL BOARD
December 18, 2008

IN THE MATTER OF:)	
SDWA UPDATE, USEPA AMENDMENTS)	R08-7
(January 1, 2007 though June 30, 2007 and)	(Identical-in-Substance
June 3, 2008))	Rulemaking - Public Water Supply)
)	
SDWA UPDATE, USEPA AMENDMENTS)	R08-13
(July 1, 2007 though December 31, 2007))	(Identical-in-Substance
)	Rulemaking - Public Water Supply)
)	(Consolidated)

Adopted Rule. Final Order.

OPINION OF THE BOARD (by T.E. Johnson):

SUMMARY OF THIS ACTION

The Board today adopts amendments to the Illinois regulations that are “identical in substance” to drinking water regulations adopted by the United States Environmental Protection Agency (USEPA). The amendments involved in this consolidated docket incorporate into the Illinois drinking water regulations amendments in response to two USEPA actions. Those actions span the two identical-in-substance update periods of January 1, 2007 through June 30, 2007 and July 1, 2007 through December 31, 2007. The Board has added a third set of USEPA amendments that occurred later than these periods. The added later amendments are closely related to amendments that occurred during the January 1, 2007 through June 30, 2007 time period.

The R08-7 docket includes federal Safe Drinking Water Act (SDWA) amendments that USEPA adopted in the period January 1, 2007 though June 30, 2007, and on June 3, 2008. On March 12, 2007, USEPA adopted amendments relating to analytical methods approved under the wastewater pretreatment and drinking water programs. On June 3, 2008, USEPA approved alternative methods for analysis under the drinking water program.

The R08-13 docket includes federal SDWA amendments that USEPA adopted in the period July 1, 2007 though December 31, 2007. On October 10, 2007, USEPA revised segments of the Lead and Copper Rule under the drinking water regulations.

Sections 7.2 and 17.5 of the Act (415 ILCS 5/7.2 and 17.5 (2006)) provide for quick adoption by the Board of regulations that are identical in substance to federal regulations that USEPA adopts to implement Sections 1412(b), 1414(c), 1417(a), and 1445(a) of the federal SDWA (42 U.S.C. §§ 300g-1(a), 300g-3(c), 300g-6(a), and 300j-4(a) (2006)). The USEPA National Primary Drinking Water Regulations (NPDWRs) implement Sections 1412(b), 1414(c), 1417(a), and 1445(a) of the federal SDWA (42 U.S.C. §§ 300g-1(a), 300g-3(c), 300g-6(a), and 300j-4(a) (2006)). The federal SDWA regulations are found at 40 C.F.R. 141 through 143.

Section 17.5 also provides that Title VII of the Act and Section 5 of the APA (5 ILCS 100/5-35 and 5-40 (2006)) do not apply to the Board's adoption of identical-in-substance regulations.

This opinion supports an order that the Board also adopts today.

PROCEDURAL HISTORY AND DUE DATE

On March 6, 2008, the Board consolidated the R08-7/R08-13 SDWA update docket with Wastewater Pretreatment Update, USEPA Regulations (January 1, 2007 through June 30, 2007), R08-5. That order also set forth reasons for delay and extended the due date for final Board action from March 12, 2008 to August 15, 2008.¹ Wastewater Pretreatment Update, USEPA Amendments (January 1, 2007 through June 30, 2007), R08-5, SDWA Update, USEPA Amendments (January 1, 2007 through June 30, 2007 and June 3, 2008), R08-7, SDWA Update, USEPA Amendments (July 1, 2007 through December 31, 2007), R08-13 (Mar. 6, 2008) (consol.) (referred to as "R08-5/R08-7/R08-13").

The Board adopted a proposal for public comment in the consolidated R08-5/R08-7/R08-13 docket on August 7, 2008. That proposal included the wastewater pretreatment amendments of docket R08-5 with the SDWA amendments of consolidated docket R08-7/R08-13. That order further set forth reasons for delay and extended the due date for final Board action until December 1, 2008. A Notice of Proposed Amendment for the SDWA amendments in that proposal appeared in the *Illinois Register* at 32 Ill. Reg. 14065 (Aug. 29, 2008).²

On September 4, 2008, the Board revised significant segments of the SDWA proposal for public comment. By that order, the Board ordered withdrawal of the August 29 Notice of Proposed Amendment pertaining to the SDWA amendments in Part 611.³ The September 4, 2008 order deconsolidated the R08-5/R08-7/R08-13 docket.

The Board has handled the SDWA amendments in consolidated docket SDWA Update, USEPA Amendments (January 1, 2007 through June 30, 2007 and June 3, 2008), R08-7, SDWA Update, USEPA Amendments (July 1, 2007 through December 31, 2007), R08-13 (referred to as "R08-7/R08-13). Finally, the September 4, 2008 order stated reasons for delay and extended the deadline for Board adoption until December 31, 2008.⁴

¹ A Notice of Public Information Pursuant to 415 ILCS 5/7.2(b) appeared at 32 Ill. Reg. 4281 (Mar. 21, 2008).

² Notices of Proposed Amendment also appeared in the August 29, 2008 issue for the wastewater pretreatment amendments for the consolidated R08-5/R08-7/R08-13 docket, at 32 Ill. Reg. 14032 (Part 307) and 14054 (Part 310) (Part 611).

³ That formal Notice of Withdrawal of Proposed Amendment under the Administrative Procedure Act (APA) (5 ILCS 100 (2006)) appeared at 32 Ill. Reg. 16013 (Sep. 26, 2008).

⁴ A Notice of Public Information Pursuant to 415 ILCS 5/7.2(b) appeared at 32 Ill. Reg. 16028

Notice of the proposed amendments to Part 611 in the R08-7/R08-13 docket appeared at 32 Ill. Reg. 15402 (Sep. 26, 2008). The public comment period for these amendments began on September 26, 2008, upon their publication in the *Illinois Register*. The public comment period ran 45 days and ended on November 10, 2008. Adoption of the SDWA amendments today will allow timely filing of the amendments with the Office of the Secretary of State by the due date of December 31, 2008.

The amendments adopted today include minor, non-substantive revisions to the text as proposed in the orders of August 7, 2008 and September 4, 2008. Those revisions are in response to comments made by the Joint Committee on Administrative Rules (JCAR) and the Illinois Environmental Protection Agency (Agency). The text also includes a significant, substantive revision made in response to Agency comments in PC 7 and USEPA comments in PC 8 (*see* page 7). The substantive revisions to the text are explained beginning on pages 10 and 15 of this opinion.

FEDERAL ACTIONS CONSIDERED IN THIS RULEMAKING

This docket includes federal SDWA amendments that USEPA adopted in two consecutive time periods: January 1, 2007 through June 30, 2007 and July 1, 2007 through December 31, 2007. USEPA adopted two sets of amendments during the two periods that affected the SDWA primary drinking water regulations. A third set of amendments dated June 3, 2008 that the Board has included occurred outside these two periods. That third set is closely related to amendments already included in this consolidated docket. The following briefly summarizes the three principal federal actions that are considered in this rulemaking, including four corrections to them:

R08-7: SDWA Update, USEPA Amendments **January 1, 2007 through June 30, 2007**

March 12, 2007 (at 72 Fed. Reg. 11200)

USEPA modified the testing procedures approved for sampling and analysis in programs established under the Clean Water Act (CWA) and the SDWA. The wastewater pretreatment rules are established under CWA,⁵ and the Primary Drinking Water Regulations are established under SDWA. The amendments updated the versions allowed for existing methods and approved new methods for use. The drinking water aspects of these amendments relate closely to later amendments adopted by USEPA on June 3, 2008. A brief description of the June 3, 2008 action appears below on this page.

(Sep. 26, 2008).

⁵ *See supra* note 4 re the separate adoption of the wastewater pretreatment segments of the March 12, 2007 USEPA amendments.

R08-13: SDWA Update, USEPA Amendments July 1, 2007 through December 31, 2007**October 10, 2007 (at 71 Fed. Reg. 65574)**

USEPA amended the Lead and Copper rule to strengthen its implementation in the areas of monitoring, treatment processes, public education, customer awareness, and lead service line replacement. The federal amendments were effective on December 10, 2007. Compliance by regulated entities is due no later than December 10, 2009.

Later SDWA (Drinking Water) Amendments 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 set of related USEPA actions since December 31, 2007 that further amend the SDWA rules in a way that affects the present amendments. The following describes those amendments in brief:

June 3, 2008 (at 73 Fed. Reg. 31616)

USEPA approved 99 alternative test methods for analysis of contaminants in drinking water. This was USEPA's first use of a new mechanism that does not involve use of the formal rulemaking procedure. Section 1401(1) of SDWA (42 U.S.C. § 300f(1) (2006)) now authorizes USEPA to "add equally effective quality control and testing procedures by guidance published in the *Federal Register*." 42 U.S.C. § 300f(1) (2006). USEPA listed the methods in a new appendix to 40 C.F.R. 141.

When the Board observes an action outside the nominal timeframe of a docket that requires expedited consideration, the Board will expedite consideration of those amendments in the pending docket. Federal actions that could warrant expedited consideration include those that directly affect the amendments involved in this docket, those for which compelling reasons would warrant consideration as soon as possible, and those for which the Board has received a request for expedited consideration.

The Board has included the June 3, 2008 USEPA action in docket R08-7 because most of the methods involved in that action affect the same segments of the Illinois rules that are involved in the March 12, 2007 amendments. Further, many of the alternative methods approved in the June 3, 2008 action are the same version of the methods as are involved in the March 12, 2007 amendments. But, they are now available in a printed volume, rather than from an on-line source in an electronic format.

No Other Federal Actions Having a Direct Impact on the Illinois SDWA (Drinking Water) Regulations

In addition to the amendments to the federal SDWA regulations, amendments to certain other federal regulations occasionally have an effect on the Illinois drinking water rules. Most notably, 35 Ill. Adm. Code 611.102 includes the incorporation of 40 C.F.R. 136.3(a) and Appendix B to 40 C.F.R. 136 of by reference. These are federal CWA methods for analysis of

contaminants in water. 35 Ill. Adm. Code 310.110 similarly incorporates several segments of the federal regulations by reference, including 40 C.F.R. 3.3, 3.10, 3.2000, 25, tables II and II in appendix D to part 122, 136, 403 (generally), 403.12, appendices D and G to part 403, and 503. 35 Ill. Adm. Code 307.2201 incorporates 40 C.F.R. 122.23(b) and (c) by reference, and 35 Ill. Adm. Code 310.602 incorporates 40 C.F.R. 403.12(b) by reference.

As of December 31, 2007, the ending date of the federal actions involved in this proceeding, USEPA had not amended any of these federal regulations. No Board action will be required at this time to update the versions of these documents incorporated by reference in any of Part 611.

PUBLIC COMMENTS

As is explained more fully in the above procedural history of this proceeding, at page 2 of this opinion, the Board adopted a proposal for public comment in the matter on August 7, 2008 and revised that proposal on September 4, 2008. A Notice of Proposed Amendments appeared at 32 Ill. Reg. 15402 (Sep. 26, 2008). The Board received public comments on the revised proposal until November 10, 2008, 45 days following its publication in the *Illinois Register*. The Board has evaluated the comments received, and now proceeds to adoption of the amendments, making any necessary changes made evident through the public comments. The Board will file the adopted amendments with the Secretary of State, before the due date of December 31, 2008.

Prior to beginning work on the R08-7/R08-13 proposal for public comment, the Board received comments from the Agency. The Agency submitted two comments on the next prior SDWA amendments in SDWA Update, USEPA Regulations (January 1, 2006 though June 30, 2006), R07-2, and SDWA Update, USEPA Regulations (July 1, 2006 though December 31, 2006), R07-11 (consol.) (July 26, 2007). The Agency submitted e-mails and a letter that outlined corrections that the Board needed to make in the amendments, which had already been filed with the Office of the Secretary of State. The Board docketed the Agency correspondence as public comments in that prior docket R07-2/R07-11 (as PC 4 and PC 5), and in the current docket R08-7/R08-13 (as PC 1 and PC 2). The two comments are described as follows:

- PC 1 August 10, 2007 through August 13, 2007 e-mail exchange between Stefanie Diers, Division of Legal Counsel, Agency and Michael J. McCambridge, hearing officer.
- PC 2 November 20, 2007 letter from Stefanie Diers, Agency (received November 21, 2007).

As is explained more fully in the September 4, 2008 supplemental opinion and order in this docket, the Board overlooked PC 1 and PC 2 when assembling the August 7, 2008 proposal for public comment. By the September 4, 2008 order, the Board revised the proposal to include additional amendments prompted by the Agency comments in PC 1 and PC 2.

Prior to adoption of the August 7, 2008 proposal for public comment, the Board received two more series of e-mail communications and responsive e-mails, including attachments. These also were introduced into the docket as public comments. These are described as follows:

- PC 3 E-mail to Michael J. McCambridge, Board Hearing Officer, from Jayne Brown, Waters Chemistry Tech Support, Waters Corp., dated July 8, 2008, with attachments, "Dissolved Inorganic Anions in Aqueous Matrices by Capillary Ion Electrophoresis" and
- PC 4 E-mail exchange between Michael J. McCambridge, Board Hearing Officer, and Pat Fair, Technical Support Center, Office of Ground Water and Drinking Water, USEPA, between July 8, 2008 and July 10, 2008, with attachment, "Test Method for Determination of Dissolved Inorganic Anions in Aqueous Matrices Using Capillary Ion Electrophoresis and Chromate Electrolyte."

After adoption of the August 7, 2008 proposal for public comment in consolidated docket R08-5/R08-7/R08-13, the Board staff had two additional e-mail exchanges with JCAR. The Board docketed these exchanges as PC 5 and PC 6. PC 5 and PC 6 are described as follows:

- PC 5 August 18, 2008 e-mail from Deborah Connelly, Joint Committee on Administrative Rules (JCAR) to Michael J. McCambridge, hearing officer (pertaining exclusively to the wastewater pretreatment amendments).
- PC 6 August 18, 2008 and August 19, 2008 e-mail exchange between Deborah Connelly, JCAR and Michael J. McCambridge, hearing officer (pertaining only to the SDWA amendments in consolidated docket R08-7/R08-13 SDWA).

In PC 5, JCAR pointed out an error in the text of Part 307, a wastewater pretreatment rule involved in docket R08-5 that was severed from the SDWA amendments on September 4, 2008. Although the comment does not relate to the SDWA amendments of this consolidated R08-7/R08-13 docket, the Board has retained the comment as part of the complete record in the R08-7/R08-13 SDWA update docket to avoid any confusion.

In PC 6, JCAR suggested corrections to the text of the SDWA amendments involved in this docket. The Board made minor corrections to the text in response to PC 6.

The Agency submitted suggestions for minor corrections together with significant substantive comments on the proposed SDWA amendments during the public comment period. The Board docketed the Agency comments as PC 7. The Board has made a number of changes in the amendments in response to PC 7. PC 7 is described as follows:

- PC 7 November 12, 2008, "Illinois Environmental Protection Agency's Comments," by Stefanie N. Diers, Assistant Counsel, Division of Legal Counsel.

Board staff had an e-mail dialog with USEPA staff relating to the identity and source for each of two methods approved by USEPA for use on March 12, 2007. Docketed as PC 8, this dialog is described as follows:

PC 8 E-mail exchange between Michael J. McCambridge, Board Hearing Officer, and Pat Fair, Technical Support Center, Office of Ground Water and Drinking Water, USEPA, between June 30, 2008 and October 15, 2008, with attachments, “Test Method for Determination of Dissolved Inorganic Anions in Aqueous Matrices Using Capillary Ion Electrophoresis and Chromate Electrolyte” and “Technical Notes on Drinking Water Methods.”

PC 8 is a more complete version of the exchange already included as PC 4 and included in the August 7, 2008 opinion for the proposal for public comment. PC 4 included e-mails dated July 8, 2008 and July 10, 2008. PC 8 includes the entire chain of correspondence, adding several additional e-mails that were not included in PC 4. These additional e-mails are dated June 30, 2008, July 1, 2008, July 8, 2008, August 6, 2008, September 11, 2008, September 15, 2008, September 17, 2008, and October 15, 2008. The e-mails in PC 4 and PC 8, between Michael J. McCambridge, hearing officer, and Pat Fair, Technical Support Center, USEPA, Office of Ground Water and Drinking Water, related to Board attempts to locate and obtain copies of analytical methods. The Board includes discussion of resolution of the issues relating to locating and obtaining the methods at pages 10-13 of this opinion.

In addition to the above-listed public comments received, the Board received from JCAR a copy of the text of the amendments as they appeared in the *Illinois Register* notice of September 29, 2008. JCAR indicated its suggestions for corrections by that document. The Board has made a number of minor, non-substantive revisions based on this JCAR-tendered copy of the text of the amendments.

Table 3, which appears beginning at page 71 of this opinion, itemizes the location and nature of each change made in the text since the August 7, 2008 proposal for public comment, as revised by the supplemental opinion and order of September 4, 2008. Most of the changes are minor and have no substantive effect. Those revisions warrant no further discussion. Revisions prompted by Agency comments in PC 7 and by the USEPA comments in PC 8, however, are significant and have a substantive effect. The revisions to the text prompted by these comments are more fully described below, at pages 11 and 15 of this opinion.

DISCUSSION

The following discussion begins with a description of the amendments undertaken in direct response to the federal action involved in this proceeding. The discussion closes with a description of the miscellaneous amendments that are not directly derived from the federal action, but which the Board routinely includes in these update dockets as necessary.

Discussions of the Federal Actions

Analytical Methods Update--Sections 307.4000, 307.7500, 310.107, 611.102, 611.526, 611.531, 611.600, 611.611, 611.612, 611.645, and 611.720

The USEPA action of March 12, 2007 (72 Fed. Reg. 11200) amended the provisions that prescribe the analytical methods that a regulated entity must use to demonstrate compliance under the federal CWA (33 U.S.C. §§ 1251 *et seq.* (2006)) and the federal SDWA (42 U.S.C. §§ 300f *et seq.* (2006)). Among the provisions that USEPA amended were 40 C.F.R. 136.3, 136.4, 136.5, 136.6, 430.02, 455.50, Table 7 to 455, and 465.03, which set forth the methods for use under CWA programs, and 40 C.F.R. 141.21, 141.23, 141.24, 141.25, 141.74, 143.4, which set forth analytical methods for use under SDWA. Of the SDWA-related analytical provisions, all the amendments relate to the NPDWRs except 40 C.F.R. 143.4, which relates to the National Secondary Drinking Water Regulations. The amendments designate new methods as acceptable, and they add updated versions of older methods as acceptable.

On June 3, 2008, USEPA used a new mechanism for approval of methods. Prior to that action, USEPA approved and updated methods only by rulemaking. Under 1996 amendments to Section 1401(1) of SDWA (42 U.S.C. § 300f(1) (2006); *see* Pub. L. 104-182, Sec. 101(a)(1)(B), 110 Stat. 1613, 1616 (Aug. 6, 1996)), USEPA can use a summary procedure for approving or updating methods that are equivalent to methods that it has already approved by rulemaking. This provision allows the approval and update of methods by guidelines published in the *Federal Register*. *See* 42 U.S.C. § 300f(1) (2006) (definition of “National Primary Drinking Water Regulation”). USEPA chose to incorporate the guidelines directly into the NPDWRs by addition of an appendix A to 40 C.F.R. 141. Many of the methods approved as equivalent by USEPA in new appendix A are actually hard-copy published versions of methods previously only available online in a digital format.

The Board updated the methods in the Illinois wastewater pretreatment and drinking water regulations to correspond with the March 12, 2007 USEPA methods approval and update and the June 3, 2008 USEPA designation of alternative methods. The Board has undertaken to incorporate the federal changes as near in substance as possible, but has found it necessary to deviate from the federal changes in some regards. Any person interested in the substance of the USEPA actions should review the *Federal Register* notices of March 12, 2007 and June 3, 2008. The following discussion only reviews the substance of the federal actions to the degree necessary to incorporate the substance of the federal changes into the Illinois regulations.

Incorporation of the changes into the wastewater pretreatment rules involved updating the version of the appropriate provisions from the *Code of Federal Regulations* that is incorporated by reference in the Illinois provision. Updating the methods provisions in the Illinois drinking water rules presented a small measure of difficulty, since the methods are actually set forth in the Illinois rules.

The first area of difficulty with the amendments related to USEPA’s references to methods available only in an electronic format. In the interests of rule clarity for the public as a whole, the Board prefers to reference printed documents where those are available.

In its March 12, 2007 action, USEPA updated a number of methods from the standard reference, *Standard Methods for the Examination of Water and Wastewater (Standard Methods)* to a more recent version of each method as available from Standard Methods Online (www.standardmethods.org/store/), a website maintained by the Standard Methods Organization.⁶ The latest edition of the printed version of *Standard Methods* that USEPA cited in the March 12, 2007 action was the 20th edition, published in 1998. The Standard Methods Organization published the 21st edition of *Standard Methods* in 2005. Upon review of the version dates of the methods cited by USEPA as available from Standard Methods Online, the Board noted that the version date of each of those methods was the same in the printed 21st edition of *Standard Methods*. The Board cited to the *Standard Methods* 21st edition, rather than to the on-line version for each of those methods.⁷

By the June 3, 2008 action, USEPA added the version of each method that appears in the printed 21st edition of *Standard Methods*.⁸ This supports the Board's determination to cite to

⁶ The Standard Methods Organization is a partnership of the American Water Works Association (AWWA), the American Public Health Association (APHA), and the Water Environment Federation. In Section 611.102, the Board cites the Standard Methods Organization members, AWWA and APHA, as the sources of the printed version of the methods. The latest version and the latest USEPA-approved version of each method is available for purchase in an electronic (PDF) format from Standard Methods Online, as is the latest printed version of *Standard Methods*. At some future time, with the advent of Standard Methods Online shifting the focus to the Standard Methods Organization as the source of the methods, it may be more accurate for the Board to amend Section 611.102 to cite the Standard Methods Organization as the source of both electronic and printed versions of *Standard Methods*. The Board did not include such a change in the August 7, 2008 proposal for public comment, and nothing in the public comments received indicated that the Board should include such changes in these adopted rules. The Board could propose to make such changes in a future rulemaking proceeding.

⁷ These methods included Method 2130, Method 2320, Method 2510, Method 2550, Method 3111, Method 3112, Method 3113, Method 3114, Method 3120, Method 3500-Ca, Method 3500-Mg, Method 4110, Method 4500-CN⁻, Method 4500-F⁻, Method 4500-H⁺, Method 4500-NO₂⁻, Method 4500-NO₃⁻, Method 4500-P, Method 4500-SiO₂, Method 7110, Method 7120, Method 7500-Cs, Method 7500-³H, Method 7500-I, Method 7500-Ra, Method 7500-Sr, Method 7500-U. Methods from Standard Methods Online that USEPA had previously approved on January 4, 2006 (at 71 Fed. Reg. 388) which also appeared in the 21st edition of the printed version included Method 2130, Method 4500-Cl, Method 4500-ClO₂, Method 4500-O₃, Method 4500-I, Method 5310, Method 6251, Method 9215, Method 9221, Method 9222, and Method 9223. The Board adopted those federal amendments by reference to the printed volume of the 21st edition in SDWA Update, USEPA Amendments (January 1, 2006 through June 30, 2006), R07-2, and SDWA Update, USEPA Amendments (July 1, 2006 through December 31, 2006), R07-11 (July 26, 2007).

⁸ USEPA did add the 1999 version of Method 4500-P from Standard Methods Online, even

the printed volume of the 21st edition for the methods. The Board did not cite to Standard Methods Online for any of the methods cited by USEPA in its March 12, 2006 action.⁹ The Board added Board notes at each citation to a method from the 21st edition that explains that USEPA cited to Standard Methods Online and the Board chose not to do so.

On June 3, 2008, however, USEPA did incorporate two methods from Standard Methods Online that do not yet appear in any printed version of *Standard Methods*. These are the 2004 versions of Method 6610 B and Method 9230 B that the Standard Methods Organization did not include in the 2005 printing of the *Standard Methods* 21st edition. The Board did cite to Standard Methods Online for those two methods.

The second area of difficulty related to two other new methods that the Board has had difficulty locating, which has meant that the Board has struggled to obtain acceptable copies of the methods. USEPA cites the first method as available from the Environmental Resources Center, Georgia Institute of Technology, and it cites to the second method as available from the Waters Corporation.

Section 5-75 of the APA (5 ILCS 100/5-75 (2006)) requires that the Board fulfill certain requirements to incorporate any document by reference. Two are of primary interest here. First, the Board must provide the name and address of the source of the document, that an interested person might obtain a copy. Second, the Board must maintain a copy of the document in one principal office open for public review. 5 ILCS 100/5-75(a) and (c) (2006).

The difficulties encountered with the analytical methods from Georgia Institute of Technology and Waters Corporation that USEPA approved on March 12, 2007 present problems in this regard. The Board's continued inability to sufficiently locate the methods and obtain copies would have prevented adoption of those two methods.

The first method is entitled "The Determination of Radium-226 and Radium-228 in Drinking Water by Gamma-ray Spectrometry Using HPGE or Ge(Li) Detectors," Revision 1.2, December 2004. It is a method for measurement of Radium-226 and Radium-228 by gamma ray spectrometry. It allows analysis for both parameters with a single test, rather than requiring two separate analyses. It was cited by USEPA as from the Environmental Resources Center at the Georgia Institute of Technology. The Board could not locate the Environmental Resources Center.

The Board included the method from the Environmental Resources Center in the August 7, 2008 proposal for public comment as the source, even though it was apparent that that entity no longer exists—at least under that name. In the August 7, 2008 proposal for public comment, the Board stated that the method would be removed from the rules upon final adoption of these

though this version of the method also appears in the printed 21st edition of *Standard Methods*, which USEPA also cited.

⁹ This includes the methods previously adopted by USEPA on January 4, 2006 and by the Board on July 26, 2007. *See infra* note 2.

amendments if the Board could not obtain a copy of the method. However, the Agency, in PC 7, and USEPA, in PC 8, provided Board with a copy of the method, and USEPA related a viable source for the method. The Board included the method in the adopted rule, revising the statement of availability for the method.

The Board has also had difficulty locating the second method, cited by USEPA as available from the Waters Corporation, but for different reasons. The federal amendments to 40 C.F.R. 141.23(k)(1) add method “D6508, Rev. 2,” noting that it is entitled “Test Method for Determination of Dissolved Inorganic Anions in Aqueous Matrices Using Capillary Ion Electrophoresis and Chromate Electrolyte,” and that it is available from the Waters Corporation. Attempts to obtain a useable method from the Waters Corporation, however, proved fruitless.¹⁰ USEPA sent a copy of the method from its rulemaking docket. That copy bore at its top a date and method designation in annotations that indicated USEPA’s review and approval of the method. Those annotations indicate that the method is ASTM Method D6508, revision 2, dated December 2000. Examination of ASTM methods indicates that the latest version of ASTM Method D6508 is revision 2, dated 2005. ASTM designates this method as “ASTM D6508-00(2005)e2” by ASTM, with “00” designating that the method was approved in 2000, and “(2005)e2” indicating revision 2 made in 2005. This 2005 revision appears to be the same as the method designated by USEPA as Waters Method D6508, revision 2.

The Board has included ASTM Method D6508-00(2005)e2 in place of what USEPA has called Waters Method D6508, revision 2 in the proposal for public comment. It is worthy of note, however, that prior to the August 7, 2008 proposal for public comment, USEPA had cautioned that it had not yet determined that the ASTM method is equivalent to the Waters method. A determination by USEPA that the Board included a method that is not approved by USEPA would result in USEPA’s disapproval of the Illinois rules. USEPA has suggested that the Board’s decision not to include Waters Method D6508, revision 2 would present no problems. PC 2. The Board has accordingly adopted this method.

A final area that warrants specific discussion in this segment of the opinion relates to the USEPA-approved alternative methods. USEPA used a limited, summary procedure to adopt the list of equivalent methods. June 3, 2008 was USEPA’s first use of that procedure. While USEPA approved all prior methods by rulemaking, USEPA is authorized to approve equivalent methods by this summary procedure. While the Board can perceive a difference between a determination that a method is adequate for use and a determination that another method is an equivalent to a method that is approved for use, the Board believes that this is a distinction without a difference from the perspective of a person seeking guidance from the regulations as to how to comply with the requirements. For this reason, the Board chose to include the alternative methods together with the approved methods in the text of the rules. The Board did not add an

¹⁰ The Waters Corporation sent a method number 6500, entitled “Dissolved Inorganic Anions in Aqueous Matrices by Capillary Ion Electrophoresis,” which on examination is actually the 2007 version of Method 6500 from “Test Methods for Evaluating Solid Waste, Physical/Chemical Methods,” familiarly known as “SW-846.” *See* PC 1.

equivalent to appendix A. Thus, the listing of methods approved for use for analysis of any particular chemical species appears together in a single listing.

In the August 7, 2008 opinion, the Board requested public comment on the incorporation of the March 12, 2007 USEPA CWA and SDWA methods revisions and the June 3, 2008 approval of alternative drinking water methods into the Illinois wastewater pretreatment and drinking water regulations. In particular, the Board requested comments on the proposed handling of specific analytical methods, as is indicated in the following numbered paragraphs. The Agency responded to each of these specific requests for comments in PC 7. Some of the USEPA responses in PC 8 bear on some of the questions. The Board outlines the Agency and USEPA responses to each query.

1. Is there any reason the Board should include references to Standard Methods Online, where the same version of the Standard Method is available in the printed 21st edition of *Standard Methods*, considering that a Board note appended to the incorporation of *Standard Methods* cites to Standard Methods Online for purchase of individual methods?

In PC 7, the Agency stated that it agreed with the approach taken by the Board in the proposal for public comment. Thus, the Board has used *Standard Methods*, 21st edition, for methods that appear in that volume, rather than citing Standard Methods Online, as USEPA has done.

2. Can USEPA, the Agency, or anyone in the regulated community provide the Board with a copy of the method entitled “The Determination of Radium-226 and Radium-228 in Drinking Water by Gamma-ray Spectrometry Using HPGE or Ge(Li) Detectors,” Revision 1.2, December 2004, cited by USEPA as available from the Environmental Resources Center at the Georgia Institute of Technology?

The Agency submitted a copy of the method attached to PC 7. USEPA also submitted a copy attached to one of the e-mails included in PC 8. Also in PC 8, USEPA disclosed the source of the method. This allows the Board to include the method in the adopted amendments, and the Board has altered the contact in the incorporation by reference in Section 611.102(b) for obtaining copies of the method in response to PC 8.

3. Can USEPA, the Agency, or anyone in the regulated community provide the Board with a copy of Waters Method D6508, revision 2, entitled “Test Method for Determination of Dissolved Inorganic Anions in Aqueous Matrices Using Capillary Ion Electrophoresis and Chromate Electrolyte,” cited by USEPA as available from Waters Corporation?

The Agency responded in PC 7 with an explanation that the technology for using Waters Method D6508, revision 2 is obsolete and is no longer available from the Waters Corporation. The Agency stated that it contacted the Waters Corporation about this method. The Waters Corporation explained to the Agency that the

technology that the method employs is no longer available from Waters Corporation. Waters Corporation discontinued the technology in mid-2001, and the technology was obsolete at the end of 2005. The Waters Corporation still provides electrolyte solutions to persons who still operate using the old equipment.

4. Can or should the Board substitute the easily located method ASTM D6508-00(2005)e2 in place of the Method cited as Waters Method D6508, revision 2 by USEPA, which the Board could not locate from the listed source?

The Agency responded by attaching a copy of ASTM Method D 6508-00(2005) to PC 7. The Agency agreed that ASTM Method D 6508-00 is the same as Waters Method 6508, revision 2.

As a result of the Agency responses to numbered queries 3 and 4, the Board will use ASTM Method D 6508-00(2005) in place of the Waters Method 6508 approved by USEPA in the March 12, 2008 amendments. The Board has changed citations in the text to “ASTM Method D 6508-00(2005)e2 (rev. 2)” to “ASTM Method D 6508-00(2005),” to reflect the designation set forth on the copy submitted by the Agency, which dropped the notations to a second edition or revision of the method.

5. Did the Board take an acceptable approach to the approved equivalent methods, which USEPA codified as appendix A to 40 C.F.R. 141, by combining them with the methods that USEPA approved by rulemaking within the text of the regulations?

The Agency responded in PC 7 that it believes that the Board’s approach to incorporating the USEPA-designated equivalent methods into the Illinois regulations. This response supports the Board adopting the approach set forth in the August 7, 2008 proposal for public comment, as amended on September 4, 2008, without revision.

The tables that appear beginning on page 18 of this opinion list and briefly describe the deviations from the literal text of the federal rules and the changes made in the existing text of the Illinois rules that were not derived from federal amendments. Table 3, which begins on page 71, indicates the revisions made to the text of the amendments since the August 7, 2008 proposal for public comment, as revised on September 4, 2008.

Revisions to the Lead and Copper Rule--Sections 611.350, 611.351, 611.353, 611.354, 611.355, 611.356, 611.357, 611.358, 611.359, 611.360, and 611.884

USEPA revised the Lead and Copper Rule on October 10, 2007 (at 72 Fed. Reg. 57782). The Lead and Copper Rule, codified as subpart I of 40 C.F.R. 141, sets forth a standard for the control of lead in drinking water. Lead is a unique drinking water contaminant in that it enters the water after the finished water has left the water treatment process, as the water travels

through the distribution system and to the consumer's tap. Some of the lead leaches from lead service lines, where the consumer's plumbing connects to the distribution system, and some leaches from brass plumbing fixtures and lead-soldered copper plumbing in the consumers' homes.¹¹ Thus, the emphasis in the Lead and Copper Rule is not an absolute maximum contaminant level, as measured at an entry point to the water distribution system, but on lead and copper action levels and their frequency of exceedance at the consumers' taps. The consequences of exceeding the lead or copper action level include implementation of public notice and public education requirements, treatment process requirements intended to make the distributed water leach less lead from the service lines and plumbing, and requirements for replacement of lead service lines by the supplier of drinking water.

USEPA stated that its amendments made seven targeted changes relating to monitoring, treatment processes, public education, consumer awareness, and lead service line replacement. The amendments included (1) clarification of the definitions of "compliance period" and "monitoring period"; (2) clarification that the minimum number of samples that a small-system supplier must collect is five; (3) a change that would not allow a supplier to commence or continue a reduced monitoring schedule if it exceeds the lead action level; (4) addition of a requirement that a supplier must obtain prior state approval before it uses a new source of raw water or makes a change in its treatment that would have a long-term effect on water quality; (5) addition of a requirement that the supplier provide a notice that states the tap water sampling results and information to help understand the significance of those results to the person whose tap the sample was taken; (6) revisions to the public notice content and delivery requirements; and (7) addition of a requirement that a supplier reevaluate lead service lines previously classified as "replaced through testing" when it is required to resume a lead service line replacement program.

The Board incorporated the October 10, 2007 revisions to the Lead and Copper Rule into the Illinois regulations without substantive deviation. Only one series of the revisions made by the Board warrants specific discussion in this opinion. That pertains to how the Board has provided for the Agency to approve or disapprove of actions of a supplier.

Agency Approval of Public Education Materials. USEPA allows states to require prior approval of public education materials before they are distributed. USEPA added this as a statement in 40 C.F.R. 141.85(a)(1). For the purposes of public comment, the Board drafted the August 7, 2008 proposal for public comment, as amended on September 4, 2008, to include provisions in corresponding 35 Ill. Adm. Code 611.355(a)(1) and added a subsection (a)(3) to provide a mechanism for Agency approval prior to distribution of public education materials. The mechanism tailored to the purpose in the proposal is a familiar one in the drinking water

¹¹ Federal law has prohibited the use of lead pipes and leaded solder in public water supply systems and building plumbing systems only since 1986, with limited exceptions. *See* 42 U.S.C. §§ 300g-6(a)(1) (2006); 40 C.F.R. 141.43(a)(1) (2007). It has prohibited the distribution and installation of plumbing fixtures, pipe, solder, or other plumbing items that are not lead free only since 1996. *See* 42 U.S.C. §§ 300g-6(a)(3) (2006); *see also* 42 U.S.C. §§ 300g-6(d) (defining "lead free"); 40 C.F.R. 141.43(a)(3) (2007).

rules: the Special Exception Permit (SEP) of Section 611.110. The SEP mechanism provides a defined context for Agency determinations in writing, and it provides for Board review of Agency determinations where a supplier believes that such review is necessary. *See* 35 Ill. Adm. Code 611.110(a) and (c) (2006); 415 ILCS 5/39(a) and 40 (2006).

The Board elaborated the procedure and discussed it in detail in the August 7, 2008 opinion.¹² The Board believed that proposal of an elaborate mechanism for public comment and later withdrawing that mechanism for final adoption was more desirable than not proposing a means for prior Agency review and approval and learning through public comments that such a mechanism was needed. Proposing the mechanism would further sharpen the issues involved for the sake of public comment. Persons who wish to review the complete discussion of the elements included in the proposal for public comment should review the appropriate segment of the discussion in the August 7, 2008 opinion in R08-5/R08-7/R08-13.

The Board requested comments on the use of the SEP mechanism for prior approvals of public education materials, and the Agency responded in PC 7. In PC 7, the Agency explained that the procedure that it now uses is adequate to assure that suppliers will disseminate acceptable public education materials. Under that procedure, the Agency sends a guidance package and public education material templates to aid a supplier in preparing these materials together with the notice that it sends when the supplier has exceeded the lead action level. The Agency stated that suppliers may correct minor deficiencies in public education materials in future distributions. If the Agency finds major deficiencies, the Agency stated that it could require redistribution of corrected public education materials.

The Agency stated in PC 7 that the Board should strike the proposed Agency review provisions in Section 6711.355(a)(3)(A) through (a)(3)(G) in their entirety. The Agency believed that the procedure allowing prior review was “unnecessary and burdensome.” PC 7 at 4. The Board received no other comments on the proposed SEP mechanism for prior Agency review of public education materials. The Agency made a series of alternative suggestions, in case the Board determined that Illinois needed Agency review of public education material prior to their distribution. It is not necessary to outline those alternative suggestions in this opinion, however, since the Board has decided to follow the Agency’s primary suggestion that the SEP approval mechanism be removed from the adopted amendments.

In response to the Agency comments, the Board has removed the segments of Section 611.355(a) in the proposal for public comment that would have provided for prior Agency review of public education materials. The Board altered subsection (a)(1) to remove the reference to prior Agency review, and the Board has removed proposed new subsection (a)(3), which set forth the procedure, in its entirety.

The Board has added a Board note to Section 611.355(a) to explain that USEPA allows the states to require prior review of the materials. The Board note outlines the procedure used by

¹² The September 4, 2008 supplemental opinion and order included no further discussion on this point.

the Agency to provide guidance to the supplier in assembling public education materials, and how the Agency reviews the materials after they are distributed. The Board note explains the procedure used by the Agency, indicating how the Agency may seek a supplier to correct deficiencies in the distributed materials. The Board believes that some explanation of how the Agency reviews these materials is useful, since USEPA would allow the State to require Agency review and approval before their distribution if the State so desired.

The tables that appear beginning on page 18 of this opinion list and briefly describe the deviations from the literal text of the federal rules and the changes made in the existing text of the Illinois rules that were not derived from federal amendments. Table 3, which begins on page 71, indicates the revisions made to the text of the amendments since the August 7, 2008 proposal for public comment, as revised on September 4, 2008.

General Revisions and Deviations from the Federal Text

In incorporating the federal rules into the Illinois system, some deviation from the federal text is unavoidable. This deviation arises primarily through differences between the federal and state regulatory structure and systems. Some deviation also arises through errors in and problems with the federal text itself. The Board conforms the federal text to the Illinois rules and regulatory scheme and corrects errors found in the text in the course of these routine update rulemakings.

In addition to the amendments derived from federal amendments, the Board often finds it necessary to alter the text of various passages of the existing rules as provisions are opened for update in response to USEPA actions. This involves correcting deficiencies, clarifying provisions, and making other changes that are necessary to establish a clear set of rules that closely parallel the corresponding federal requirements within the codification scheme of the Illinois Administrative Code.

The Board updates the citations to the Code of Federal Regulations to the most recent version available. As discussed above, the most recent versions of the Code of Federal Regulations available to the Board is the July 1, 2005 edition for USEPA regulations (Title 40). Thus, the Board has updated all citations to Title 40 to the 2006 edition of the Code of Federal Regulations, adding references to later amendments using their appropriate Federal Register citation, where necessary.

The Board substituted “or” for “/” in most instances where this appeared in the federal base text, using “and” where more appropriate. The Board further used this opportunity to make a number of corrections to punctuation, grammar, spelling, and cross-reference format throughout the opened text. We changed “who” to “that” and “he” or “she” to “it,” where the person to which the regulation referred was not necessarily a natural person, or to “he or she,” where a natural person was evident; changed “which” to “that” for restrictive relative clauses; substituted “must” for “shall”; capitalized the section headings and corrected their format where necessary; and corrected punctuation within sentences.

In addition, the federal rules have been edited to establish a uniform usage throughout the Board's regulations. For example, with respect to "shall," "will," and "may," "must" is used when an action is required by the rule, without regard to whether the action is required of the subject of the sentence or not. "Shall" is no longer used, since it is not used in everyday language. Thus, where a federal rule uses "shall," the Board substitutes "must." This is a break from our former practice where "shall" was used when the subject of a sentence has a duty to do something. "Will" is used when the Board obliges itself to do something. "May" is used when choice of a provision is optional. "Or" is used rather than "and/or," and denotes "one or both." "Either . . . or" denotes "one but not both." "And" denotes "both."

The Joint Committee on Administrative Rules has requested that the Board refer to the United States Environmental Protection Agency in the same manner throughout all of our bodies of regulations—*i.e.*, air, water, drinking water, RCRA Subtitle D (municipal solid waste landfill), RCRA Subtitle C (hazardous waste), underground injection control (UIC), etc. The Board has decided to refer to the United States Environmental Protection Agency as "USEPA." The Board will continue this conversion in future rulemakings as additional sections become open to amendment. The Board will further convert "EPA" used in federal text to "USEPA," where USEPA is clearly intended.

The Board has assembled tables to aid in the location of these alterations and to briefly outline their intended purpose. Table 1 sets forth the miscellaneous deviations from the federal text, and Table 2 itemizes the corrections to the pre-amended base text of the rules in detail. Table 1 begins on page 19 of this opinion, and Table 2 begins on page 52. There is no further discussion of most of the deviations and revisions elsewhere in this opinion. Table 3, which begins on page 71, indicates the revisions made to the text of the amendments since the August 7, 2008 proposal for public comment, as revised on September 4, 2008.

Discussion of Corrective Amendments

The Board has traditionally used the occasion of these identical-in-substance updates to correct segments of the base text of the Illinois regulations. These corrections are non-substantive in effect. The Board is including a number of non-substantive corrections in this docket.

When a necessary minor correction comes to the attention of the Board, Board staff makes a note of the correction, and set it aside until the next opportunity to make the correction. The next opportunity generally presents itself when the section involved is next opened for amendment as a result of amendments to the corresponding federal text. The Board has cataloged a small number of changes since the last SDWA update docket, SDWA Update, USEPA Regulations (January 1, 2006 though June 30, 2006), R07-2, and SDWA Update, USEPA Regulations (July 1, 2006 though December 31, 2006), R07-11 (July 26, 2007).

The Board will not discuss the bulk of the particular corrective amendments in this segment of this discussion. Only one warrants specific discussion. The corrections are itemized in the Table 2, which begins on page 52 of this opinion. Table 3, which begins on page 71, indicates the revisions made to the text of the amendments since the August 7, 2008 proposal for

public comment, as revised on September 4, 2008. The Board requests that the Agency, JCAR, and the regulated community review these tables and the text of the corrections. The Board asks for the assistance of the Agency, JCAR, and the regulated community in the process of spotting and correcting errors or omissions in the rules. Interested persons may submit suggestions for the correction of any errors of which they become aware. The Board could then catalog the corrections for future amendments.

Tabulation of Miscellaneous Housekeeping Amendments

The tables below list numerous corrections and amendments that are not based on current federal amendments. The first table (which begins immediately below) includes deviations made in this Proposal for Public Comment from the verbatim text of the federal amendments. The second table (which begins immediately after Table 1, on page 19 below) contains corrections and clarifications that the Board made in the base text involved in this proposal. The amendments listed in this second table are not directly derived from the current federal amendments. Some of the entries in these tables are discussed further in appropriate segments of the general discussion beginning at page 8 of this opinion. Table 3 (beginning on page 71 below) is a listing of revisions made to the text of the amendments from that proposed and set forth in the Board’s opinion and order of August 7, 2008, as revised on September 4, 2008. Table 3 indicates the changes made, as well as the source that suggested each of the changes. Table 4 (on page 84 below) indicates suggested revisions that the Board has not made in adopting these amendments. Each entry gives a brief explanation why the Board did not incorporate the suggested change.

**Table 1:
Deviations from the Text of the Federal Amendments**

Illinois Section	40 C.F.R. Section	Revision(s)
307.4000(c)	430.02(g)	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition to incorporate March 12, 2007 federal amendments by reference
307.7500(c)	465.03(c)	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition to incorporate March 12, 2007 federal amendments by reference
310.107(b), “40 CFR 136”	136.3, 136.4, 136.5, and 136.6	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition to incorporate March 12, 2007 federal amendments by reference
611.350(c)(3)(E)	141.80(c)(3)(iii)	Changed “public water system” to “supplier”; changed “State” to “Agency”

611.350(g)	141.80(g)	Changed “all water systems” to singular “the supplier”; added the definite article before “lead tap . . . results”; added the definite article before “persons served”; changed “sites (taps) . . . that are tested” to singular “each site (tap) . . . that is tested”
611.351(b)(3)(C)	141.81(b)(3)(iii)	Added a comma before “as described” to offset a parenthetical; added “any” before “long-term change”; changed “it” to “the addition or long-term change”
611.353(a)(1)	141.83(a)(1)	Changed “the lead or copper action level was exceeded” to active-voice “the supplier exceeded the pertinent action level”; retained the ending period
611.354(b)(1)	141.84(b)(1)	Added the topical statement; retained the structure divided into subsections
611.354(b)(1)(D)	141.84(b)(1)	Retained the structure subdivided into subsections; retained the active-voice “the supplier exceeded the action level” in place of “the action level was exceeded”; added “pursuant to” before “subsection (a) of this Section”
611.354(b)(1)(E)	141.84(b)(1)	Subdivided the sentence into a separate subsection
611.354(b)(1)(E)	141.84(b)(1)	Subdivided the sentence into a separate subsection; changed “State” to “Agency”; added “by a SEP issued pursuant to Section 611.110”
611.354(b)(2)	141.84(b)(2)	Added the topical statement; subdivided the provision into subsections
611.354(b)(2)(A)	141.84(b)(2)	Subdivided the sentence into a separate subsection; changed “any water system” to “a supplier”; added “that is” before “resuming”; changed the first appearance of “a lead service line replacement program” to “program”; removed the definite article from before “cessation”; added a comma before “as allowed” to offset the parenthetical; changed “by” to “pursuant to”; changed “shall” to “must”; changed “sites that were previously determined not to require” to active-voice “sites that it had previously determined did not require”; changed “through the

		sampling provision under” to “pursuant to the sampling provision of”
611.354(b)(2)(B)	141.84(b)(2)	Subdivided the sentence into a separate subsection; changed “system” to “supplier”; changed numeric “7 percent” to written “seven percent”; changed “so” to “so that”; changed “systems” to singular “a supplier”
611.354(b)(2)(B)	141.84(b)(2)	Subdivided the sentence into a separate subsection; changed “for those systems that have completed” to singular “for a supplier that has completed”; changed “State” to “Agency”; changed “shall” to “must”; added “by a SEP . . . Section 611.110” offset by commas; added “completed” before “replacement program”; changed “when the system re-exceeds” to “whenever the supplier has re-exceeded” and added a comma to offset it as a parenthetical
611.355 preamble	141.85 preamble	Moved the first sentence, which directs attention to subsection (d), to the end of the paragraph to place it in order; changed “water systems that exceed” to singular “a supplier that exceeds”; changed “all water systems that exceed” to singular “a supplier that exceeds”; changed “persons served” to “persons who are served”; changed “water system” to “supplier”; changed “at sites that are tested” to “at each site that the supplier has tested”
611.355(a)(1)	141.85(a)(1)	Changed “Non-transient” to lower-case “non-transient”; changed “water systems” to singular “a CWS or NTNCWS supplier”; changed “language in . . . must be included” to active-voice “the supplier must include the language set forth in . . .”; changed “water system” to “supplier” (twice); changed “below” to “set forth in subsections (a)(1)(A) through (a)(1)(F) of this Section”; changed “and be in plain language” to “and the supplier must present the additional information in plain language”; omitted the final sentence relative to optional State review prior to delivery

611.355(a)(1)(A)	141.85(a)(1)(i)	Changed “water system” to “supplier”
611.355(a)(1)(A) Board note	141.85(a)(1)(i)	Added the explanation of mandatory use of the literal text of the statement, except for the bracketed material
611.355(a)(1)(B) Board note	141.85(a)(1)(ii)	Added the explanation of mandatory use of the literal text of the statement, except for the bracketed material
611.355(a)(1)(C)(ii)	141.85(a)(1)(iii)(B)	Changed “home/building” to “home and building”
611.355(a)(1)(C) Board note	141.85(a)(1)(iii)	Added the explanation of use of text of the statement that includes the required information, except for the bracketed material
611.355(a)(1)(D)	141.85(a)(1)(iv)	Changed “their” to “his or her”
611.355(a)(1)(D) Board note	141.85(a)(1)(iv)	Added the explanation of use of text of the statement that includes the required information, except for the bracketed material
611.355(a)(1)(E)	141.85(a)(1)(v)	Changed “system’s” to “supplier’s”; changed “system” to “supplier”; changed “home/building” to “home and building”
611.355(a)(1)(E) Board note	141.85(a)(1)(v)	Added the explanation of use of text of the statement that includes the required information, except for the bracketed material
611.355(a)(1)(F)	141.85(a)(1)(vi)	Changed “your” to “the supplier’s” (twice); changed “EPA’s” to “USEPA’s”
611.355(a)(1)(F) Board note	141.85(a)(1)(vi)	Added the explanation of mandatory use of the literal text of the statement, except for the bracketed material
611.355(a)(2)	141.85(a)(2)	Changed “community water systems” to “a CWS supplier”; added “do both of the following”
611.355(a)(2)(A)	141.85(a)(2)(i)	Added “it must”; changed the ending period to a semicolon and the ending conjunction “and”
611.355(a)(2)(B)	141.85(a)(2)(ii)	Added “it must”; changed “low lead” to hyphenated “low-lead”; changed “lead free” to hyphenated “lead-free”; added “components”

611.355(b)(1)	141.85(b)(1)	Changed “for public water systems serving . . . non-English speaking consumers, the public education materials must” to singular “the public education materials of a supplier that serves . . . non-English-speaking consumers must”; changed “or contain” to “or it must contain” preceded by a comma to create an independent clause; changed “persons” to singular “a person”; changed “water system” to “the supplier”
611.355(b)(2)	141.85(b)(2)	Changed “for public water systems serving” to singular “a supplier that serves”; changed “or contain” to “or it must contain” preceded by a comma to create an independent clause; changed “persons” to singular “a person”; changed “water system” to “the supplier”
611.355(b)(2)(A)	141.85(b)(2)(i)	Added “the CWS supplier must”; changed “materials meeting the content requirements” to “materials that meet the content requirements”; changed “all bill paying customers” to hyphenated “all of its bill-paying customers”
611.355(b)(2)(B)	141.85(b)(2)(ii)	Added the topical statement
611.355(b)(2)(B)(i)	141.85(b)(2)(ii)(A)	Added “the CWS supplier must”; changed “they” to “the agencies”; changed “water system’s” to “supplier’s”; changed “all the organization’s” to plural “all of the agencies”; changed “community water system’s” to “supplier’s”; changed “water system” to “supplier” (twice); changed “community based” to hyphenated “community-based”; changed “serving target populations” to “serving the target populations”; changed “systems” to singular “the supplier”; changed “all organizations” to “each of the organizations”

611.355(b)(2)(B)(ii)	141.85(b)(2)(ii)(B)	Added “the CWS supplier must”; changed “to the following organizations listed” to “to the organizations listed”; changed “water system’s” to “supplier’s” (twice); changed the ending colon to a period; moved the subsequent paragraphs to subsection (b)(2)(H)
611.355(b)(2)(B)(ii) Board note	141.85(b)(2)(ii)(B)	Added explanation of the movement of text to subsection (b)(2)(H)
611.355(b)(2)(B)(iii)	141.85(b)(2)(ii)(C)	Added “the CWS supplier must”; changed “to the following organizations within the service area” to “to the organizations listed . . . that are located within the service area”; changed “water system’s” to “supplier’s”; changed the ending colon to a period; moved the subsequent paragraphs to subsection (b)(2)(I)
611.355(b)(2)(C)	141.85(b)(2)(iii)	Added “the CWS supplier must”; added a comma before “except for” to offset the parenthetical; changed “water system” to “supplier”
611.355(b)(2)(C) required statement	141.85(b)(2)(iii) required statement	Changed “water system” to “supplier” (twice); changed “water system’s” to “supplier’s”; changed “State” to “Illinois Environmental Protection Agency, Division of Public Water Supply”; changed “State” to “Agency”
611.355(b)(2)(D)	141.85(b)(2)(iv)	Added “the CWS supplier must”; changed “water system’s” to “supplier’s”; changed “system” to “CWS supplier”
611.355(b)(2)(E)	141.85(b)(2)(v)	Added “the CWS supplier must”; added a comma after “television” to offset the final element of a series
611.355(b)(2)(F)	141.85(b)(2)(vi)	Added “the CWS supplier must”; changed “onw or more categories” to “one or more of the categories”
611.355(b)(2)(G)	141.85(b)(2)(vii)	Changed “systems that are” to singular “a CWS supplier that is”; changed “State” to “Agency”; added “by a SEP . . . Section 611.110” offset as a parenthetical by commas
611.355(b)(2)(H)	141.85(b)(2)(ii)(B)	Added the subsection to move material
611.355(b)(2)(H)(i)	141.85(b)(2)(ii)(B)(I)	Added the subsection to accommodate moved material

611.355(b)(2)(H)(ii)	141.85(b)(2)(ii)(B)(2)	Added the subsection to accommodate moved material
611.355(b)(2)(H)(iii)	141.85(b)(2)(ii)(B)(3)	Added the subsection to accommodate moved material
611.355(b)(2)(H)(iv)	141.85(b)(2)(ii)(B)(4)	Added the subsection to accommodate moved material
611.355(b)(2)(H)(v)	141.85(b)(2)(ii)(B)(5)	Added the subsection to accommodate moved material
611.355(b)(2)(H)(vi)	141.85(b)(2)(ii)(B)(6)	Added the subsection to accommodate moved material
611.355(b)(2)(H) Board note	141.85(b)(2)(ii)(B)	Added explanation of the movement of material
611.355(b)(2)(I)	141.85(b)(2)(ii)(C)	Added the subsection to move material
611.355(b)(2)(I)(i)	141.85(b)(2)(ii)(C)(1)	Added the subsection to accommodate moved material; added the ending period
611.355(b)(2)(I)(ii)	141.85(b)(2)(ii)(C)(2)	Added the subsection to accommodate moved material
611.355(b)(2)(I)(iii)	141.85(b)(2)(ii)(C)(3)	Added the subsection to accommodate moved material
611.355(b)(2)(I) Board note	141.85(b)(2)(ii)(B)	Added explanation of the movement of material; changed capitalized “Gynecologists and Midwives” to lower-case “gynecologists and midwives”
611.355(b)(3)	141.85(b)(3)	Changed “community water system” to “CWS supplier”; changed “pursuant to” to “described in”
611.355(b)(3)(A)	141.85(b)(3)(i)	Changed “community water system shall” to “CWS supplier must”
611.355(b)(3)(B)	141.85(b)(3)(ii)	Changed “community water system shall” to “CWS supplier must”
611.355(b)(3)(C)	141.85(b)(3)(iii)	Changed “community water system” to “CWS supplier”
611.355(b)(3)(D)	141.85(b)(3)(iv)	Changed “State” to “Agency”; added “by as SEP . . . Section 611.110”; changed “the State can allow activities in . . . to extend beyond the 60-day requirement if needed for implementation purposes” to “the Agency must, on a case-by-case basis, by a SEP . . . Section 611,110, extend the time for the supplier to complete the public education tasks set forth in . . . beyond the 60-day limit if it determines that the extended time is needed for implementation purposes on a case-by-case basis”; changed “this

		extension must be approved in writing by the State in advance of” to active-voice “the Agency must issue the SEP granting any extension prior to expiration of”
611.355(b)(4)	141.85(b)(4)	Retained active-voice “supplier exceeds the lead action level” in place of “exceedance occurred”
611.355(b)(4)(C)	141.85(b)(4)(iii)	Changed “systems that are required” to “a NTNCWS supplier that is”; changed “State” to “Agency”; added “by a SEP . . . Section 611.110” offset as a parenthetical by commas
611.355(b)(5)	141.85(b)(5)	Changed “the State can allow activities in . . . to extend beyond the 60-day requirement if needed for implementation purposes on a case-by-case basis” to “the Agency must, on a case-by-case basis, by a SEP . . . Section 611,110, extend the time for the supplier to complete the public education tasks set forth in . . . beyond the 60-day limit if it determines that the extended time is needed for implementation purposes”; changed “this extension must be approved in writing by the State in advance of” to active-voice “the Agency must issue the SEP granting any extension prior to expiration of”
611.355(b)(8)	141.85(b)(8)	Changed “community water system serving” to “CWS supplier that serves”; changed “their” to singular “its”
611.355(b)(8)(A)	141.85(b)(8)(i)	Changed “system serving” to “supplier that serves”; changed “3,300 or fewer” to “3,300 or fewer people”
611.355(b)(8)(B)	141.85(b)(8)(ii)	Changed “system serving” to “supplier that serves”; changed “served by the system” to “that it serves”; changed “that” to “which” for a subsequent restrictive relative clause

611.355(b)(8)(C)	141.85(b)(8)(iii)	Changed “State” to “Agency”; added “by a SEP . . . Section 611.110” offset as a parenthetical by commas; changed “systems serving” to singular “supplier that serves”; added a comma before “as long as” to offset the parenthetical; changed “system” to “the supplier”; changed “served by the supplier” to “that it serves”
611.355(d)	141.85(d)	Changed “notification of results” to “requirement for consumer notice of tap water monitoring results”
611.355(d)(1)	141.85(d)(1)	Changed “reporting requirement” to “consumer notice requirement”; changed “all water systems” to singular “a supplier”
611.355(d)(2)	141.85(d)(2)	Changed “timing of notification” to “timing of consumer notice”; changed “a water system” to “the supplier”; changed “the system” to “it”
611.355(d)(3)	141.85(d)(3)	Added “of consumer notice” after “content”; corrected “list steps consumers can take” to “a list of steps that consumers can take”; added a comma after “reduce exposure to lead in drinking water” to offset the final element of a series
611.355(d)(4)	141.85(d)(4)	Added “of consumer notice” after “delivery”; changed “State” to “Agency” (twice); added “by a SEP . . . Section 611.110” offset as a parenthetical by a comma; changed “non-transient noncommunity water system” to “NTNCWS supplier”; changed “system” to “supplier”
611.356(c)(2)	141.86(c)(2)	Changed “a public water system that has” to “a supplier whose system has”; removed the unnecessary comma “water taps, that can be used” that separated the restrictive relative clause; changed “meeting the sample site criteria” to “and which can meet the sampling site criteria”; changed “sample sites” to “sampling site”; changed “must collect at least one sample from each tap and then must collect additional samples from

		those taps on different days during the monitoring period to meet the required number of sites” to “must collect multiple samples from individual taps. To accomplish this, the supplier must collect at least one sample from each tap, then it must collect additional samples from those same taps on different days during the monitoring period, in order to collect a total number of samples that meets the required number of sampling sites”; changed “the State may allow these public water systems” to singular “the Agency must, by a SEP issued pursuant to Section 611.110, allow a supplier”; added “whose system has fewer than five drinking water taps” before “to collect”; changed “less than” to “fewer than”; changed “provided that” to “if it determines that”; added “and that the reduced number of samples will produce the same results as would the collection of multiple samples from some taps”; changed “the State must approve this” to “Agency approval of a”; changed “in writing” to “must be”; changed “the system or onsite” to “the supplier or on on-site”; changed “State” to “Agency”
611.356(d)(4)(A)	141.86(d)(4)(i)	Changed “a small or medium system collecting” to “a small- or medium-sized system supplier that collects”; changed the comma to the conjunction “and” and changed “that” to “which” that separated a subsequent restrictive relative clause; changed “the frequency” to “its frequency”; changed “sampling shall begin” to “reduced sampling may only begin”
611.356(d)(4)(B)(i)	141.86(d)(4)(ii)	Retained the structure subdivided into subsections; added “which” before “maintains” for a restrictive relative clause; changed “sampling shall begin” to “reduced sampling may only begin”
611.356(d)(4)(C)(i)	141.86(d)(4)(iii)	Retained the structure subdivided into subsections; changed “sampling shall begin” to “reduced sampling may only begin”

611.356(d)(4)(C)(ii)	141.86(d)(4)(iii)	Retained the structure subdivided into subsections; changed “shall” to “must”
611.356(d)(4)(D)(i)	141.86(d)(4)(iv)(A)	Changed “sampling shall begin” to “reduced sampling may only begin”; changed “State” to “Agency”; changed “systems” to singular “a supplier”
611.356(d)(4)(F)(ii)	141.86(d)(4)(vi)(A)	Changed “shall” to “must”
611.356(d)(4)(G)	141.86(d)(4)(vii)	Changed “State” to “Agency”; changed “water system” to “supplier”
611.356(d)(4)(B)(i)	141.86(d)(4)(ii)(A)(I)	Changed “sampling shall begin” to “reduced sampling may only begin”; changed “State” to “Agency”; changed “systems” to singular “a supplier”
611.356(d)(4)(G)	141.86(d)(4)(vii)	Changed “State” to “Agency”; changed “water system” to “supplier”
611.356(d)(4)(H)(i)	141.86(d)(4)(vi)(B)(I)	Changed “shall” to “must”
611.356(g)(4)(A)	141.86(g)(4)(i)	Changed “shall” to “must”
611.356(g)(4)(A)	141.86(g)(4)(iii)	Changed “State” to “Agency”; changed “water system” to “supplier”
611.357(e)(2)(A)(i)	141.87(e)(2)(i)(A)	Changed “sampling shall begin” to “reduced sampling may only begin”
611.357(e)(2)(A)(ii)	141.87(e)(2)(i)(B)	Changed “sampling shall begin” to “reduced sampling may only begin”
611.357(e)(2)(B)(iv)	141.87(e)(2)(ii)	Retained the structure subdivided into subsections; changed “shall” to “must”
611.358(b)	141.88(b)	Changed “State” to “Agency”; added “by a SEP issued pursuant to Section 611.110”
611.358(d)(1)(A)(iii)	141.88(d)(1)(i)	Retained the structure subdivided into subsections; changed “shall” to “must”
611.358(e)(1)	141.88(e)(1)	Added a comma before “provided that” to offset the parenthetical; added a comma before “only if” to offset a second parenthetical; added “only” before “if”
611.358(e)(2)	141.88(e)(2)	Added a comma before “provided that” to offset the parenthetical; added a comma before “only if” to offset a second parenthetical; added “only” before “if”
611.360(a)(1)	141.90(a)(1)	Changed “monitoring periods” to singular “a monitoring period”; added “on which” after “date”; added a comma before “as specified” to offset the parenthetical
611.360(a)(3)	141.90(a)(3)	Changed “State” to “Agency” (twice); added “by a SEP . . . Section 611.110” offset by commas

611.360(e)(1)(B)	141.90(e)(1)(ii)	Retained the structure subdivided into subsections; changed “system” to “supplier”
611.360(e)(3)	141.90(e)(3)	Changed numeric “3” to written “three”; changed “system” to “supplier”; changed “State” to “Agency”
611.381(c)(2)	141.74(a)(2)	Retained the structure of the methods listings, placing the approved alternative methods together with the listing of all approved methods; added the method type “test strips” as a topical heading
611.381(c)(2)(A)	Appendix A to subpart C, table for 141.131(c)(2)	Changed “Method D99-003” to “ITS Method D99-003”
611.381(c)(2)(A) Board note	Appendix A to subpart C, table for 141.131(c)(2)	Added explanation of the USEPA approval as an alternative method
611.381(c)(2)(B)	141.131(c)(2)	Moved the federally derived text of subsection (c)(2) to accommodate addition of the alternative method from appendix A to subpart C as subsection (c)(2)(A)
611.526(c)(1)	141.21(f)(3) table and appendix A to subpart C, table for 141.21(f)(3)	Retained the structure of the methods listings, placing the approved alternative methods together with the listing of all approved methods; referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 9221
611.526(c)(2)	141.21(f)(3) table and appendix A to subpart C, table for 141.21(f)(3)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 9222
611.526(c)(3)	141.21(f)(3) table and appendix A to subpart C, table for 141.21(f)(3)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 9221
611.526(c)(4)	141.21(f)(3) table and appendix A to subpart C, table for 141.21(f)(3)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 9223
611.526(c) Board note	141.21(f)(3) table and appendix A to subpart C, table for 141.21(f)(3)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 9221, Method 9222, and Method 9223, including explanation of USEPA approval as equivalent methods

611.531(a)(2)	141.74(a)(1) table and appendix A to subpart C, table for 141.74(a)(1)	Retained the structure of the methods listings, placing the approved alternative methods together with the listing of all approved methods
611.531(a)(2)(A)(i)	141.74(a)(1) table, note 1, and appendix A to subpart C, table for 141.74(a)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 9221
611.531(a)(2)(A)(ii)	141.74(a)(1) table, note 1, and appendix A to subpart C, table for 141.74(a)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 9222
611.531(a)(2)(A)(iii)	141.74(a)(1) table, note 1, and appendix A to subpart C, table for 141.74(a)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 9223
611.531(a)(2)(B)(i)	141.74(a)(1) table, note 1, and appendix A to subpart C, table for 141.74(a)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 9221
611.531(a)(2)(B)(i) Board note	141.74(a)(1) table, note 8	Changed numeric “7” to written “seven”
611.531(a)(2)(B)(ii)	141.74(a)(1) table, note 1, and appendix A to subpart C, table for 141.74(a)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 9222
611.531(a)(2)(C)(i)	141.74(a)(1) table, note 1, and appendix A to subpart C, table for 141.74(a)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 9215
611.531(a)(2)(D) Board note	141.74(a)(1) table, note 13	Added the federal footnote material as a Board note
611.531(a)(2)(D)(i)	141.74(a)(1) table and appendix A to subpart C, table for 141.74(a)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 2130
611.531(a)(2)(E)	141.74(a)(1) table and appendix A to subpart C, table for 141.74(a)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 2550
611.531(a)(2) Board note	141.21(a)(1) table and appendix A to subpart C, table for 141.74(a)(1)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 2130, Method 9215, Method 9221, Method 9222, and Method 9223, including explanation of USEPA approval as equivalent methods

611.531(b)(1)	141.74(a)(2) table and appendix A to subpart C, table for 141.74(a)(12)	Retained the structure of the methods listings, placing the approved alternative methods together with the listing of all approved methods
611.531(b)(1)(A)(i)	141.74(a)(2) table, note 1, and appendix A to subpart C, table for 141.74(a)(2)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-Cl
611.531(b)(1)(B)	141.74(a)(2) table, note 1, and appendix A to subpart C, table for 141.74(a)(2)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-Cl
611.531(b)(1)(C)	141.74(a)(2) table, note 1, and appendix A to subpart C, table for 141.74(a)(2)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-Cl
611.531(b)(1)(D)	141.74(a)(2) table, note 1, and appendix A to subpart C, table for 141.74(a)(2)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-Cl
611.531(b)(2)(A)(i)	141.74(a)(2) table, note 1, and appendix A to subpart C, table for 141.74(a)(2)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-Cl
611.531(b)(2)(B)	141.74(a)(2) table, note 1, and appendix A to subpart C, table for 141.74(a)(2)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-Cl
611.531(b)(2)(C)	141.74(a)(2) table, note 1, and appendix A to subpart C, table for 141.74(a)(2)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-Cl
611.531(b)(2)(D)	141.74(a)(2) table, note 1, and appendix A to subpart C, table for 141.74(a)(2)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-Cl
611.531(b)(2)(E)	141.74(a)(2) table, note 1, and appendix A to subpart C, table for 141.74(a)(2)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-Cl
611.531(b)(3)(A)	141.74(a)(2) table, note 1, and appendix A to subpart C, table for 141.74(a)(2)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-ClO ₂

611.531(b)(3)(C)	141.74(a)(2) table, note 1, and appendix A to subpart C, table for 141.74(a)(2)	Renamed “327.0, Revision 1.1” to “USEPA OGWDW Methods, Method 327.0”
611.531(b)(4)	141.74(a)(2) table, note 1, and appendix A to subpart C, table for 141.74(a)(2)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-O ₃
611.531(b) Board note	141.21(a)(2) table and appendix A to subpart C, table for 141.74(a)(2)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-Cl, Method 4500-ClO ₂ , and Method 4500-O ₃ , including explanation of USEPA approval as equivalent methods
611.611(a)	141.74(a)(1) table and appendix A to subpart C, table for 141.74(a)(1)	Retained the structure of the methods listings, placing the approved alternative methods together with the listing of all approved methods
611.611(a) Board note	141.23(k)(1) table, note 4 and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3120 and Method 3113, including explanation of USEPA approval as equivalent methods
611.611(a)(1)(A)(i)	141.23(k)(1) table	Changed “D1067-92, 02 B” to “D1067-92 B or D1067-02 B”
611.611(a)(1)(A)(ii)	141.23(k)(1) table, note 4 and appendix A to subpart C, table for 141.23(k)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 2320
611.611(a)(2)(B)	141.23(k)(1) table	Changed “D3697-92, 02” to “D3697-92 or D3697-03”
611.611(a)(2)(D)	141.23(k)(1) table, note 4 and appendix A to subpart C, table for 141.23(k)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3113
611.611(a)(2)(E)	Appendix A to subpart C, table for 141.23(k)(1)	Changed “EPA Method 200.5” to “USEPA Methods: Method 200.5”
611.611(a)(2)(E) Board note	Appendix A to subpart C, table for 141.23(k)(1)	Changed “EPA Method 200.5” to “USEPA Methods: Method 200.5”

611.611(a)(3) Board note	141.23(k)(1) table, note 14 and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of USEPA approval as an equivalent method
611.611(a)(3)(A)(ii)	141.23(k)(1) table, note 14 and appendix A to subpart C, table for 141.23(k)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3120
611.611(a)(3)(A)(ii) Board note	141.23(k)(1) table, note 14 and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3120, including explanation of USEPA approval as equivalent methods
611.611(a)(2)(D)(i)	141.23(k)(1) table	Changed “D2972-97, 03 C” to “D2972-97 or D2972-03 C”
611.611(a)(3)(D)(ii)	141.23(k)(1) table	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3113
611.611(a)(3)(D)(ii) Board note	141.23(k)(1) table	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3113, including explanation of USEPA approval as equivalent methods
611.611(a)(3)(E)(i)	141.23(k)(1) table	Changed “D2972-97, 03 B” to “D2972-97 or D2972-03 B”
611.611(a)(3)(E)(ii)	141.23(k)(1) table	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3114
611.611(a)(3)(E)(ii) Board note	141.23(k)(1) table	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3114, including explanation of USEPA approval as equivalent methods
611.611(a)(3)(F) Board note	Appendix A to subpart C, table for 141.23(k)(1)	Changed “EPA Method 200.5” to “USEPA Methods: Method 200.5”
611.611(a)(3)(F) Board note	141.23(k)(1) table, note 14 and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of USEPA approval as an equivalent method
611.611(a)(5)(A)(ii)	141.23(k)(1) table, note 14 and appendix A to subpart C, table for 141.23(k)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3120

611.611(a)(5)(A)(ii) Board note	141.23(k)(1) table, note 14 and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3120, including explanation of USEPA approval as equivalent methods
611.611(a)(5)(C)	141.23(k)(1) table, note 14 and appendix A to subpart C, table for 141.23(k)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3111
611.611(a)(5)(C) Board note	141.23(k)(1) table, note 14 and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3111, including explanation of USEPA approval as equivalent methods
611.611(a)(5)(D)	141.23(k)(1) table, note 14 and appendix A to subpart C, table for 141.23(k)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3113
611.611(a)(5)(D) Board note	141.23(k)(1) table, note 14 and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3113, including explanation of USEPA approval as equivalent methods
611.611(a)(5)(E) Board note	Appendix A to subpart C, table for 141.23(k)(1)	Changed “EPA Method 200.5” to “USEPA Methods: Method 200.5”
611.611(a)(5)(E) Board note	141.23(k)(1) table, note 14 and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of USEPA approval as an equivalent method
611.611(a)(6)(A)(ii)	141.23(k)(1) table, note 14 and appendix A to subpart C, table for 141.23(k)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3120
611.611(a)(6)(A)(ii) Board note	141.23(k)(1) table, note 14 and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3120, including explanation of USEPA approval as equivalent methods
611.611(a)(6)(D)(i)	141.23(k)(1) table	Changed “D3645-97, 03 B” to “D3645-97 or D3645-03 B”
611.611(a)(6)(D)(ii)	141.23(k)(1) table, note 14 and appendix A to subpart C, table for 141.23(k)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3113

611.611(a)(6)(D)(ii) Board note	141.23(k)(1) table, note 14 and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3113, including explanation of USEPA approval as equivalent methods
611.611(a)(6)(E) Board note	Appendix A to subpart C, table for 141.23(k)(1)	Changed “EPA Method 200.5” to “USEPA Methods: Method 200.5”
611.611(a)(6)(E) Board note	141.23(k)(1) table, note 14 and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of USEPA approval as an equivalent method
611.611(a)(7)(D)	141.23(k)(1) table, note 14 and appendix A to subpart C, table for 141.23(k)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3113
611.611(a)(7)(D) Board note	141.23(k)(1) table, note 14 and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3113, including explanation of USEPA approval as equivalent methods
611.611(a)(7)(E)	Appendix A to subpart C, table for 141.23(k)(1)	Changed “EPA Method 200.5” to “USEPA Methods: Method 200.5”
611.611(a)(7)(E) Board note	141.23(k)(1) table, note 14 and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of USEPA approval as an equivalent method
611.611(a)(8)(A)(i)	141.23(k)(1) table	Changed “D511-93, 03 C” to “D511-93 or D511-03 C”
611.611(a)(8)(A)(ii)	141.23(k)(1) table	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3500-Ca
611.611(a)(8)(A)(ii) Board note	141.23(k)(1) table	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3500-Ca, including explanation of USEPA approval as equivalent methods
611.611(a)(8)(B)(i)	141.23(k)(1) table	Changed “D511-93, 03 C” to “D511-93 or D511-03 C”
611.611(a)(8)(B)(ii)	141.23(k)(1) table	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3111

611.611(a)(8)(B)(ii) Board note	141.23(k)(1) table	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3111, including explanation of USEPA approval as equivalent methods
611.611(a)(8)(C)(ii)	141.23(k)(1) table	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3120
611.611(a)(8)(C)(ii) Board note	141.23(k)(1) table	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3120, including explanation of USEPA approval as equivalent methods
611.611(a)(8)(E)	Appendix A to subpart C, table for 141.23(k)(1)	Changed “EPA Method 200.5” to “USEPA Methods: Method 200.5”
611.611(a)(8)(E) Board note	141.23(k)(1) table, note 14 and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of USEPA approval as an equivalent method
611.611(a)(9)(A)(ii)	141.23(k)(1) table	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3120
611.611(a)(9)(A)(ii) Board note	141.23(k)(1) table	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3120, including explanation of USEPA approval as equivalent methods
611.611(a)(9)(D)	141.23(k)(1) table	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3113
611.611(a)(9)(D) Board note	141.23(k)(1) table	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3113, including explanation of USEPA approval as equivalent methods
611.611(a)(9)(E)	Appendix A to subpart C, table for 141.23(k)(1)	Changed “EPA Method 200.5” to “USEPA Methods: Method 200.5”
611.611(a)(9)(E) Board note	141.23(k)(1) table, note 14 and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of USEPA approval as an equivalent method
611.611(a)(10)(A)(i)	141.23(k)(1) table	Changed “D1688-95, 02 C” to “D1688-95 or D1688-02 C”

611.611(a)(10)(A)(ii)	141.23(k)(1) table	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3113
611.611(a)(10)(A)(ii) Board note	141.23(k)(1) table	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3113, including explanation of USEPA approval as equivalent methods
611.611(a)(10)(B)(i)	141.23(k)(1) table	Changed “D1688-95, 02 C” to “D1688-95 or D1688-02 C”
611.611(a)(10)(B)(ii)	141.23(k)(1) table	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3111
611.611(a)(10)(B)(ii) Board note	141.23(k)(1) table	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3111, including explanation of USEPA approval as equivalent methods
611.611(a)(10)(C)(ii)	141.23(k)(1) table	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3120
611.611(a)(10)(C)(ii) Board note	141.23(k)(1) table	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3120, including explanation of USEPA approval as equivalent methods
611.611(a)(10)(F)	Appendix A to subpart C, table for 141.23(k)(1)	Changed “EPA Method 200.5” to “USEPA Methods: Method 200.5”
611.611(a)(10)(F) Board note	141.23(k)(1) table, note 14 and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of USEPA approval as an equivalent method
611.611(a)(11)(A)	141.23(k)(1) table	Changed “D1125-95 (Reapproved 1999)” to “D1125-95(1999)”
611.611(a)(11)(B)	141.23(k)(1) table	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 2510
611.611(a)(11)(B) Board note	141.23(k)(1) table	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 2510, including explanation of USEPA approval as equivalent methods

611.611(a)(12)(A)(i) Board note	appendix A to subpart C, table for 141.23(k)(1)	Added explanation of USEPA approval as an equivalent method
611.611(a)(12)(A)(ii)	141.23(k)(1) table	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-CN ⁻
611.611(a)(12)(A)(ii) Board note	141.23(k)(1) table	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-CN ⁻ , including explanation of USEPA approval as equivalent methods
611.611(a)(12)(B)(ii)	141.23(k)(1) table	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-CN ⁻
611.611(a)(12)(B)(ii) Board note	141.23(k)(1) table	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-CN ⁻ , including explanation of USEPA approval as equivalent methods
611.611(a)(12)(C) Board note	141.23(k)(1) table	Changed “spectro-photometric semiautomated” to “spectrophotometric, semiautomated”
611.611(a)(12)(D)(ii)	141.23(k)(1) table	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-CN ⁻
611.611(a)(12)(D)(ii) Board note	141.23(k)(1) table	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-CN ⁻ , including explanation of USEPA approval as equivalent methods
611.611(a)(12)(F) Board note	141.23(k)(1) table	Changed “micro distillation” to “microdistillation”
611.611(a)(12)(G)(i)	141.23(k)(1) table	Changed “ASTM D6888-04” to “ASTM Method D6888-03”
611.611(a)(12)(G)(ii)	141.23(k)(1) table	Changed “OIA-1677 DW” to “OI Analytical Method OIA-1677 DW”
611.611(a)(13)(A)(i)	141.23(k)(1) table	Changed “300.0, 300.1” to “Method 300.1 or Method 300.1”
611.611(a)(13)(A)(ii)	141.23(k)(1) table	Changed “D4237-97, 03” to “D4237-97 or D4237-03”
611.611(a)(13)(A)(iii)	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4110

611.611(a)(13)(A)(iii) Board note	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4110, including explanation of USEPA approval as equivalent methods
611.611(a)(13)(B)	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-F ⁻
611.611(a)(13)(B) Board note	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-F ⁻ , including explanation of USEPA approval as equivalent methods
611.611(a)(13)(C)(i)	appendix A to subpart C, table for 141.23(k)(1)	Changed “D1179-93, 04” to “D1179-93 or D1179-04”
611.611(a)(13)(C)(ii)	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-F ⁻
611.611(a)(13)(C)(ii) Board note	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-F ⁻ , including explanation of USEPA approval as equivalent methods
611.611(a)(13)(E)(i)	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-F ⁻
611.611(a)(13)(E)(i) Board note	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-F ⁻ , including explanation of USEPA approval as equivalent methods
611.611(a)(13)(F)	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Changed “Method D6508, Rev. 2” for Waters Corp. to “ASTM Method D6508-00(2005)e2 (rev. 2)”
611.611(a)(13)(F) Board note	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of the change from a Method that the Board could not locate from Waters Corp. to an ASTM Method that is identical to the method as obtained from USEPA

611.611(a)(14)(A)(i)	Appendix A to subpart C, table for 141.23(k)(1)	Changed “D3559-96, 03” to “D3559-96 or D1179-03”
611.611(a)(14)(A)(ii)	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3113
611.611(a)(14)(A)(ii) Board note	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3113, including explanation of USEPA approval as equivalent methods
611.611(a)(14)(E)	Appendix A to subpart C, table for 141.23(k)(1)	Changed “EPA Method 200.5” to “USEPA Methods: Method 200.5”
611.611(a)(14)(E) Board note	141.23(k)(1) table, note 14 and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of USEPA approval as an equivalent method
611.611(a)(15)(A)(i)	Appendix A to subpart C, table for 141.23(k)(1)	Changed “D511-93, 03” to “D511-93 or D511-03”
611.611(a)(15)(A)(ii)	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3111
611.611(a)(15)(A)(ii) Board note	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3111, including explanation of USEPA approval as equivalent methods
611.611(a)(15)(B)(ii)	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3120
611.611(a)(15)(B)(ii) Board note	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3120, including explanation of USEPA approval as equivalent methods
611.611(a)(15)(C)(i)	Appendix A to subpart C, table for 141.23(k)(1)	Changed “D511-93, 03” to “D511-93 or D511-03”

611.611(a)(15)(C)(ii)	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3500-Mg
611.611(a)(15)(C)(ii) Board note	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3500-Mg, including explanation of USEPA approval as equivalent methods
611.611(a)(15)(B)(ii)	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3120
611.611(a)(15)(D)	141.23(k)(1) table	Changed “ASTM D6919-03” to “ASTM Method D6919-03”
611.611(a)(15)(E)	Appendix A to subpart C, table for 141.23(k)(1)	Changed “EPA Method 200.5” to “USEPA Methods: Method 200.5”
611.611(a)(15)(E) Board note	141.23(k)(1) table, note 14 and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of USEPA approval as an equivalent method
611.611(a)(16)(A)(ii)	Appendix A to subpart C, table for 141.23(k)(1)	Changed “D3223-97, 02” to “D3223-97 or D3223-02”
611.611(a)(16)(A)(iii)	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3112
611.611(a)(16)(A)(iii) Board note	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3112, including explanation of USEPA approval as equivalent methods
611.611(a)(17)(A)(ii)	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3120
611.611(a)(17)(A)(ii) Board note	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3120, including explanation of USEPA approval as equivalent methods

611.611(a)(17)(D)	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3111
611.611(a)(17)(D) Board note	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3111, including explanation of USEPA approval as equivalent methods
611.611(a)(17)(E)	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3113
611.611(a)(17)(E) Board note	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3113, including explanation of USEPA approval as equivalent methods
611.611(a)(17)(F)	Appendix A to subpart C, table for 141.23(k)(1)	Changed “EPA Method 200.5” to “USEPA Methods: Method 200.5”
611.611(a)(17)(F) Board note	141.23(k)(1) table, note 14 and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of USEPA approval as an equivalent method
611.611(a)(18)(A)(i)	141.23(k)(1) table	Changed “300.0, 300.1” to “Method 300.1 or Method 300.1”
611.611(a)(18)(A)(ii)	Appendix A to subpart C, table for 141.23(k)(1)	Changed “D4327-97, 03” to “D4327-97 or D4327-03”
611.611(a)(18)(A)(iii)	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4110
611.611(a)(18)(A)(iii) Board note	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4110, including explanation of USEPA approval as equivalent methods
611.611(a)(18)(B)(iii)	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-NO ₃ ⁻

611.611(a)(18)(B)(iii) Board note	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-NO ₃ ⁻ , including explanation of USEPA approval as equivalent methods
611.611(a)(18)(C)(i)	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-NO ₃ ⁻
611.611(a)(18)(C)(i) Board note	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-NO ₃ ⁻ , including explanation of USEPA approval as equivalent methods
611.611(a)(18)(D)(ii)	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-NO ₃ ⁻
611.611(a)(18)(D)(ii) Board note	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-NO ₃ ⁻ , including explanation of USEPA approval as equivalent methods
611.611(a)(18)(E)	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Changed “Method D6508, Rev. 2” for Waters Corp. to “ASTM Method D6508-00(2005)e2 (rev. 2)”
611.611(a)(18)(E) Board note	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of the change from a Method that the Board could not locate from Waters Corp. to an ASTM Method that is identical to the method as obtained from USEPA
611.611(a)(19)(A)(i)	141.23(k)(1) table	Changed “300.0, 300.1” to “Method 300.1 or Method 300.1”
611.611(a)(19)(A)(ii)	Appendix A to subpart C, table for 141.23(k)(1)	Changed “D4327-97, 03” to “D4327-97 or D4327-03”
611.611(a)(19)(A)(iii)	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4110

611.611(a)(19)(A)(iii) Board note	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4110, including explanation of USEPA approval as equivalent methods
611.611(a)(19)(B)(iii)	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-NO ₃ ⁻
611.611(a)(19)(B)(iii) Board note	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-NO ₃ ⁻ , including explanation of USEPA approval as equivalent methods
611.611(a)(19)(C)(ii)	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-NO ₃ ⁻
611.611(a)(19)(C)(ii) Board note	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-NO ₃ ⁻ , including explanation of USEPA approval as equivalent methods
611.611(a)(19)(D)	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-NO ₂ ⁻
611.611(a)(19)(D) Board note	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-NO ₂ ⁻ , including explanation of USEPA approval as equivalent methods
611.611(a)(19)(E)	141.23(k)(1) table	Changed “Method D6508, Rev. 2” for Waters Corp. to “ASTM Method D6508-00(2005)e2 (rev. 2)”
611.611(a)(19)(E) Board note	141.23(k)(1) table	Added explanation of the change from a Method that the Board could not locate from Waters Corp. to an ASTM Method that is identical to the method as obtained from USEPA
611.611(a)(20)(A)(ii)	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-P

611.611(a)(20)(A)(ii) Board note	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-P, including explanation of USEPA approval as equivalent methods
611.611(a)(20)(B)(ii)	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-P
611.611(a)(20)(B)(ii) Board note	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-P, including explanation of USEPA approval as equivalent methods
611.611(a)(20)(F)(i)	141.23(k)(1) table	Changed “300.0, 300.1” to “Method 300.1 or Method 300.1”
611.611(a)(20)(F)(ii)	141.23(k)(1) table	Changed “D4327-97, 03” to “D4327-97 or D4327-03”
611.611(a)(20)(F)(iii)	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4110
611.611(a)(20)(F)(iii) Board note	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4110, including explanation of USEPA approval as equivalent methods
611.611(a)(20)(G)	141.23(k)(1) table	Changed “Method D6508, Rev. 2” for Waters Corp. to “ASTM Method D6508-00(2005)e2 (rev. 2)”
611.611(a)(20)(G) Board note	141.23(k)(1) table	Added explanation of the change from a Method that the Board could not locate from Waters Corp. to an ASTM Method that is identical to the method as obtained from USEPA
611.611(a)(21)(B)	141.23(k)(1) table	Changed “D1293-95, 99” to “D1293-95 or D1293-99”
611.611(a)(21)(C)	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-H ⁺

611.611(a)(21)(C) Board note	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-H ⁺ , including explanation of USEPA approval as equivalent methods
611.611(a)(22)(A)(i)	141.23(k)(1) table	Changed “D3859-98, 03” to “D3859-98 or D3859-03”
611.611(a)(22)(A)(ii)	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3114
611.611(a)(22)(A)(ii) Board note	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3114, including explanation of USEPA approval as equivalent methods
611.611(a)(22)(D)(i)	141.23(k)(1) table	Changed “D3859-98, 03” to “D3859-98 or D3859-03”
611.611(a)(22)(D)(ii)	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3113
611.611(a)(22)(D)(ii) Board note	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3113, including explanation of USEPA approval as equivalent methods
611.611(a)(22)(E)	Appendix A to subpart C, table for 141.23(k)(1)	Changed “EPA Method 200.5” to “USEPA Methods: Method 200.5”
611.611(a)(22)(E) Board note	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of USEPA approval as an equivalent method
611.611(a)(23)(C)	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Changed “D859-94, 00” to “ASTM D859-94, D859-00”
611.611(a)(23)(C) Board note	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of USEPA approval as an equivalent method

611.611(a)(23)(D)	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-SiO ₂
611.611(a)(23)(D) Board note	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-SiO ₂ , including explanation of USEPA approval as equivalent methods
611.611(a)(23)(E)	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-SiO ₂
611.611(a)(23)(E) Board note	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-SiO ₂ , including explanation of USEPA approval as equivalent methods
611.611(a)(23)(F)	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-SiO ₂
611.611(a)(23)(F) Board note	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-SiO ₂ , including explanation of USEPA approval as equivalent methods
611.611(a)(23)(G)(ii)	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3120
611.611(a)(23)(G)(ii) Board note	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3120, including explanation of USEPA approval as equivalent methods
611.611(a)(23)(H)	Appendix A to subpart C, table for 141.23(k)(1)	Changed “EPA Method 200.5” to “USEPA Methods: Method 200.5”
611.611(a)(23)(H) Board note	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of USEPA approval as an equivalent method

611.611(a)(24)(B)(ii)	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3111
611.611(a)(24)(B)(ii) Board note	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3111, including explanation of USEPA approval as equivalent methods
611.611(a)(24)(C)	141.23(k)(1) table	Changed “ASTM D6919-03” to “ASTM Method D6919-03”
611.611(a)(24)(D)	Appendix A to subpart C, table for 141.23(k)(1)	Changed “EPA Method 200.5” to “USEPA Methods: Method 200.5”
611.611(a)(24)(D) Board note	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of USEPA approval as an equivalent method
611.611(a)(25)	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 2550
611.611(a)(25) Board note	141.23(k)(1) table and appendix A to subpart C, table for 141.23(k)(1)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 2550, including explanation of USEPA approval as equivalent methods
611.612(f)(2)(A)(i)	143.4(b) table and appendix A to subpart C, table for 143.4(b)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3111
611.612(f)(2)(A)(ii)	143.4(b) table and appendix A to subpart C, table for 143.4(b)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3113
611.612(f)(2)(A)(iii)	143.4(b) table and appendix A to subpart C, table for 143.4(b)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3120
611.612(f)(2)(A) Board note	143.4(b) table and appendix A to subpart C, table for 143.4(b)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3111, 3113, and 3120, including explanation of USEPA approval as equivalent methods
611.612(f)(2)(C)	143.4(b) table and appendix A to subpart C, table for 143.4(b)	Changed “EPA Method 200.5” to “USEPA Methods: Method 200.5”

611.611(f)(2)(C) Board note	143.4(b) table and appendix A to subpart C, table for 143.4(b)	Added explanation of USEPA approval as an equivalent method
611.612(f)(3)(A)(i)	143.4(b) table and appendix A to subpart C, table for 143.4(b)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3111
611.611(f)(3)(A)(ii)	143.4(b) table and appendix A to subpart C, table for 143.4(b)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3113
611.611(f)(3)(A)(iii)	143.4(b) table and appendix A to subpart C, table for 143.4(b)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3120
611.611(f)(3)(A) Board note	143.4(b) table and appendix A to subpart C, table for 143.4(b)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3111, 3113, and 3120, including explanation of USEPA approval as equivalent methods
611.612(f)(3)(C)	143.4(b) table and appendix A to subpart C, table for 143.4(b)	Changed “EPA Method 200.5” to “USEPA Methods: Method 200.5”
611.612(f)(3)(C) Board note	143.4(b) table and appendix A to subpart C, table for 143.4(b)	Added explanation of USEPA approval as an equivalent method
611.612(f)(4)(A)(i)	143.4(b) table and appendix A to subpart C, table for 143.4(b)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3111
611.611(f)(4)(A)(ii)	143.4(b) table and appendix A to subpart C, table for 143.4(b)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3120
611.611(f)(4)(A) Board note	143.4(b) table and appendix A to subpart C, table for 143.4(b)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 3111 and 3120, including explanation of USEPA approval as equivalent methods
611.612(f)(4)(C)	143.4(b) table and appendix A to subpart C, table for 143.4(b)	Changed “EPA Method 200.5” to “USEPA Methods: Method 200.5”
611.612(f)(4)(C) Board note	143.4(b) table and appendix A to subpart C, table for 143.4(b)	Added explanation of USEPA approval as an equivalent method
611.645 “2,4-D”	141.24(e)(1) table	Changed “, 98” to “or D5317-98”
611.645 “2,4,5-TP (Silvex)”	141.24(e)(1) table	Changed “, 98” to “or D5317-98”

611.645 “pentachlorophenol”	141.24(e)(1) table and appendix A to subpart C, table for 141.24(e)(1)	Changed “D5317-93, 98 (Reapproved 2003) to “D5317-93 or D5317-98(2003)”
611.645 “picloram”	141.24(e)(1) table and appendix A to subpart C, table for 141.24(e)(1)	Changed “D5317-93, 98 (Reapproved 2003) to “D5317-93 or D5317-98(2003)”
611.645 note 1	141.24(e)(1) table, note 5	Changed “this method” to “denotes that Syngenta Method AG-625”; changed “Method AG-625” to “Syngenta Method AG-625” (twice); changed “mg/L” to “mg/l”; changed “µg/L” to “µg/l”
611.720(a)(1)(A)(ii) Board note	141.25(a) table and appendix A to subpart C, table for 141.75(a)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 7110, including explanation of USEPA approval as equivalent methods
611.720(a)(2)(A)	141.25(a) table and appendix A to subpart C, table for 141.75(a)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 7110
611.720(a)(2)(A) Board note	141.25(a) table and appendix A to subpart C, table for 141.75(a)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 7110, including explanation of USEPA approval as equivalent methods
611.720(a)(3)(C)(iii)	141.25(a) table and appendix A to subpart C, table for 141.75(a)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 7500-Ra
611.720(a)(3)(C)(iv)	141.25(a) table and appendix A to subpart C, table for 141.75(a)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 7500-Ra
611.720(a)(3)(C) Board note	141.25(a) table and appendix A to subpart C, table for 141.75(a)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 7500-Ra, including explanation of USEPA approval as equivalent methods
611.720(a)(3)(J)	141.25(a) table and appendix A to subpart C, table for 141.75(a)	Changed “GA” to “Georgia Radium Method”
611.720(a)(4)(A)	141.25(a) table and appendix A to subpart C, table for 141.75(a)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 7500-Ra

611.720(a)(4)(A) Board note	141.25(a) table and appendix A to subpart C, table for 141.75(a)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 7500-Ra, including explanation of USEPA approval as equivalent methods
611.720(a)(3)(I)	141.25(a) table and appendix A to subpart C, table for 141.75(a)	Changed “GA” to “Georgia Radium Method”
611.720(a)(5)(A)	141.25(a) table and appendix A to subpart C, table for 141.75(a)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 7500-U
611.720(a)(5)(A) Board note	141.25(a) table and appendix A to subpart C, table for 141.75(a)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 7500-U, including explanation of USEPA approval as equivalent methods
711.720(a)(5)(C)(ii)	141.25(a) table	Changed “D3972-97, 02” to “D3972-97 or D3972-02”
711.720(a)(5)(C)(iii)	141.25(a) table	Changed “D5174-97, 02” to “D5174-97 or D5174-02”
711.720(a)(5)(C)(iv) Board note	appendix A to subpart C, table for 141.75(a)	Added explanation of USEPA approval as an equivalent method
711.720(a)(6)(A)(ii)	141.25(a) table	Changed “D3649-91, 98a” to “D3649-91 or D3649-98a”
611.720(a)(5)(B)(i)	141.25(a) table and appendix A to subpart C, table for 141.75(a)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 7120
611.720(a)(5)(B)(ii)	141.25(a) table and appendix A to subpart C, table for 141.75(a)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 7500-Cs
611.720(a)(5)(B) Board note	141.25(a) table and appendix A to subpart C, table for 141.75(a)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 7100 and 7500-Cs, including explanation of USEPA approval as equivalent methods
711.720(a)(7)(A)(i)	141.25(a) table	Changed “D3649-91, 98a” to “D3649-91 or D3649-98a”
711.720(a)(7)(A)(ii)	141.25(a) table	Changed “D4785-93, 98” to “D4785-93 or D4785-98”
611.720(a)(7)(B)(i)	141.25(a) table and appendix A to subpart C, table for 141.75(a)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 7120

611.720(a)(7)(B)(ii)	141.25(a) table and appendix A to subpart C, table for 141.75(a)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 7500-I
611.720(a)(7)(B)(iii)	141.25(a) table and appendix A to subpart C, table for 141.75(a)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 7500-I
611.720(a)(7)(B) Board note	141.25(a) table and appendix A to subpart C, table for 141.75(a)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Methods 7100 and 7500-I, including explanation of USEPA approval as equivalent methods
611.720(a)(8)(A)(ii)	141.25(a) table and appendix A to subpart C, table for 141.75(a)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 7500-Sr
611.720(a)(8)(A)(ii) Board note	141.25(a) table and appendix A to subpart C, table for 141.75(a)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 7500-Sr, including explanation of USEPA approval as equivalent methods
711.720(a)(9)(A)	141.25(a) table	Changed “D4107-91, 98” to “D4107-91 or D4107-98”
611.720(a)(9)(A)(ii)	141.25(a) table and appendix A to subpart C, table for 141.75(a)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 7500- ³ H
611.720(a)(9)(A)(ii) Board note	141.25(a) table and appendix A to subpart C, table for 141.75(a)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 7500- ³ H, including explanation of USEPA approval as equivalent methods
711.720(a)(10)(A)(i)	141.25(a) table	Changed “D3649-91, 98a” to “D3649-91 or D3649-98a”
711.720(a)(10)(A)(ii)	141.25(a) table	Changed “D4785-93, 98” to “D4785-93 or D4785-98”
611.720(a)(10)(B)(i)	141.25(a) table and appendix A to subpart C, table for 141.75(a)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 7120
611.720(a)(10)(B)(ii)	141.25(a) table and appendix A to subpart C, table for 141.75(a)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 7500-Cs
611.720(a)(10)(B)(iii)	141.25(a) table and appendix A to subpart C, table for 141.75(a)	Referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 7500-I

611.720(a)(10)(B) Board note	141.25(a) table and appendix A to subpart C, table for 141.75(a)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Methods 7120, 7500-Cs, and 7500-I, including explanation of USEPA approval as equivalent methods
611.802(c)(2)(A)(vii)	141.402(c)(2) table	Retained the structure of the methods listings, placing the approved alternative methods together with the listing of all approved methods; referenced <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 9222
611.802(c)(2)(A) Board note	141.402(c)(2) table and appendix A to subpart C, table for 141.402(c)(2)	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 9222, including explanation of USEPA approval as equivalent methods
611.802(c)(2)(B) Board note	Appendix A to subpart C, table for 141.402(c)(2)	Added explanation of USEPA approval as an equivalent method
611.884(d)(1) required statement	141.154(d)(1)	Changed “utility” to “supplier”; changed numeric “2” to written “two”
611.884(d)(1)	141.154(d)(2)	Changed “system” to “supplier”; changed “State” to “Agency”
611.1004(b)(4)	141.704(b)(4)	Retained the structure of the methods listings, placing the approved alternative methods together with the listing of all approved methods; added “incorporated by reference . . . Section 611.102”
611.1004(b)(4) Board note	141.704(b)(4)	Added explanation of USEPA approval as an equivalent method

**Table2:
Board Housekeeping Amendments**

Section	Source	Revision(s)
611 table of contents, 611.Subpart Y heading	JCAR	Corrected “Subpart Y—Stage 2 . . .” to “Subpart Y: Stage 2 . . .”
611 table of contents, 611.Appendix A heading	JCAR	Changed “611.Appendix A” to capitalized “611.APPENDIX A”
611 table of contents, 611.Appendix B heading	JCAR	Changed “611.Appendix B” to capitalized “611.APPENDIX B”

611 table of contents, 611.Appendix C heading	JCAR	Changed “611.Appendix C” to capitalized “611.APPENDIX C”
611 table of contents, 611.Appendix D heading	JCAR	Changed “611.Appendix D” to capitalized “611.APPENDIX D”
611 table of contents, 611.Appendix E heading	JCAR	Changed “611.Appendix E” to capitalized “611.APPENDIX E”
611 table of contents, 611.Appendix F heading	JCAR	Changed “611.Appendix F” to capitalized “611.APPENDIX F”
611 table of contents, 611.Appendix A heading	JCAR	Changed “611.Appendix A” to capitalized “611.APPENDIX A”
611 table of contents, 611.Appendix G heading	JCAR	Changed “611.Appendix G” to capitalized “611.APPENDIX G”
611 table of contents, 611.Appendix H heading	JCAR	Changed “611.Appendix H” to capitalized “611.APPENDIX H”
611 table of contents, 611.Appendix I heading	JCAR	Changed “611.Appendix I” to capitalized “611.APPENDIX I”
611 table of contents, 611.Table A heading	JCAR	Changed “611.Table A” to capitalized “611.TABLE A”
611 table of contents, 611.Table B heading	JCAR	Changed “611.Table B” to capitalized “611.TABLE B”
611 table of contents, 611.Table C heading	JCAR	Changed “611.Table C” to capitalized “611.TABLE C”
611 table of contents, 611.Table D heading	JCAR	Changed “611.Table D” to capitalized “611.TABLE D”
611 table of contents, 611.Table E heading	JCAR	Changed “611.Table E” to capitalized “611.TABLE E”
611 table of contents, 611.Table F heading	JCAR	Changed “611.Table F” to capitalized “611.TABLE F”
611 table of contents, 611.Table G heading	JCAR	Changed “611.Table G” to capitalized “611.TABLE G”
611 table of contents, 611.Table H heading	JCAR	Changed “611.Table H” to capitalized “611.TABLE H”
611 table of contents, 611.Table I heading	JCAR	Changed “611.Table I” to capitalized “611.TABLE I”
611 table of contents, 611.Table J heading	JCAR	Changed “611.Table J” to capitalized “611.TABLE J”

611 table of contents, 611.Table Z heading	JCAR	Changed “611.Table Z” to capitalized “611.TABLE Z”
611.101 “inactivation ratio”	Board, JCAR	Added a comma after “or ‘total inactivation ratio’ (B)” to offset the parenthetical
611.102(a) “Georgia Radium Method”	Board	Added a standardized definition of the new method to act as a short title in the regulations
611.102(a) “ITS Method D99-003”	Board	Added a standardized definition of the new method to act as a short title in the regulations
611.102(a) “OI Analytical Method OIA-1677”	Board	Added a standardized definition of the new method to act as a short title in the regulations
611.102(a) “Standard Methods Online”	Board	Added a standardized definition of the new method to act as a short title in the regulations
611.102(a) “Technical Notes on Drinking Water Methods”	Board	Added a standardized definition of the document to act as a short title in the regulations
611.102(a) “USEPA Method 1622 (05)”	Board	Removed the standardized definition establishing a short title in the regulations
611.102(a) “USEPA Method 1622 (01)”	Board	Removed the standardized definition establishing a short title in the regulations
611.102(a) “USEPA Method 1622 (99)”	Board	Removed the standardized definition establishing a short title in the regulations
611.102(a) “USEPA Method 1623 (05)”	Board	Removed the standardized definition establishing a short title in the regulations
611.102(a) “USEPA Method 1623 (01)”	Board	Removed the standardized definition establishing a short title in the regulations
611.102(a) “USEPA Method 1623 (99)”	Board	Removed the standardized definition establishing a short title in the regulations
611.102(a) “USEPA NERL Method 200.5”	Board	Added a standardized definition of the document to act as a short title in the regulations
611.102(a) “USEPA OGWDW Methods”	Board	Added the references to the 1999, 2001, and 2005 versions of Method 1622 and Method 1623
611.102(a) “USEPA Organic Methods”	Board	Removed the references to Method 515.4 and Method 531.2, which are “USEPA OGWDW Methods”; removed “are both available on-line from USEPA, Office of Ground Water and Drinking Water”
611.102(b) “ALPKEM”	Board	Added the source and reference for the new method, “Method OIA-1677 DW”
611.102(b) “ALPKEM” Board note	Board	Added the information relating to on-line availability of the method from USEPA
611.102(b) “AWWA,” “Standard Methods, 20th ed.,” “Method 3120 B”	Board	Changed “Section 611.612” to “Sections 611.611 and 611.612”

611.102(b) "AWWA," "Standard Methods, 20th edition," "Method 4500-ClO ₂ E"	JCAR	Removed the unnecessary conjunction "and" from "Section 611.531"
611.102(b) "AWWA," "Standard Methods, 20th ed.," "Method 7120"	Board	Changed "7120 B" to "7120"; removed the title of Method 7120 B, "Gamma Spectrometric Method"
611.102(b) "AWWA," "Standard Methods, 20th ed.," "Method 7500-Ra D"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 20th edition," "Method 7500-Sr B"	JCAR	Corrected the spelling "radiative" to "radioactive"
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 2130 B"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 2320 B"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 2510 B"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 2550"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 3111 B"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 3111 D"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 3112 B"	Board	Added the reference to the method

611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 3113 B"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 3114 B"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 3120 B"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 3500-Ca B"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 3500-Ca D"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 3500-Mg B"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 4110 B"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 4500-ClO ₂ C"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st edition," "Method 4500-ClO ₂ E"	JCAR	Removed the unnecessary conjunction "and" from "Section 611.531"
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 4500-CN E"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 4500-CN F"	Board	Added the reference to the method

611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 4500-CN ⁻ F"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 4500-F ⁻ B"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 4500-F ⁻ C"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 4500-F ⁻ D"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 4500-F ⁻ E"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 4500-H ⁺ B"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 4500-NO ₂ ⁻ B"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 4500-NO ₃ ⁻ D"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 4500-NO ₃ ⁻ E"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 4500-NO ₃ ⁻ F"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 4500-O ₃ B"	Board	Added the reference to the method

611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 4500-P E"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 4500-P F"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 4500-SiO ₂ C"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 4500-SiO ₂ D"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 4500-SiO ₂ E"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 6610"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 7110 B"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 7110 C"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 7120"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 7500-Cs B"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 7500- ³ H B"	Board	Added the reference to the method

611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 7500-I B"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 7500-I C"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 7500-I D"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 7500-Ra B"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 7500-Ra C"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 7500-Ra D"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 7500-Sr B"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 7500-U B"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 7500-U C"	Board	Added the reference to the method
611.102(b) "AWWA," "Standard Methods, 21st ed." Board note	Board	Changed "Standard Methods is" to "individual methods from Standard Methods are"
611.102(b) "ASTM," "ASTM Method D511-03A and B"	Board	Added the reference to the new method

611.102(b) "ASTM," "ASTM Method D859-94"	Board	Updated "D859-88" to "D859-94" and "August 19, 1988" to "1994"
611.102(b) "ASTM," "ASTM Method D859-00"	Board	Added the reference to the new method
611.102(b) "ASTM," "ASTM Method D859-05"	Board	Added the reference to the new method
611.102(b) "ASTM," "ASTM Method D1067-02 B"	Board	Added the reference to the new method
611.102(b) "ASTM," "ASTM Method D1125-95"	Board	Updated "D1125-91 A" to "DD1125-95 A" and "June 15, 1991" to "1995, reapproved 1999"
611.102(b) "ASTM," "ASTM Method D1179-99 B"	Board	Added the reference to the new method
611.102(b) "ASTM," "ASTM Method D1179-04 B"	Board	Added the reference to the new method
611.102(b) "ASTM," "ASTM Method D1253-03"	Board	Changed "Section 611.612" to "Sections 611.611 and 611.612"
611.102(b) "ASTM," "ASTM Method D1293-95 A or B"	Board	Updated "D1293-95" to "D1293-95 A or B" and "October 26, 1984" to "1995"
611.102(b) "ASTM," "ASTM Method D1293-99 A or B"	Board	Added the reference to the new method
611.102(b) "ASTM," "ASTM Method D1688-95 A or C"	Board	Updated "D1688-90 A or C" to "D1688-95 A or C" and "March 15, 1990" to "1995"
611.102(b) "ASTM," "ASTM Method D1688-02 A or C"	Board	Added the reference to the new method
611.102(b) "ASTM," "ASTM Method D2036-91 A or B"	Board	Updated "D2036-91 A or B" to "D2036-98 A or B" and "September 15, 1991" to "1998"
611.102(b) "ASTM," "ASTM Method D2036-06 A or B"	Board	Added the reference to the new method
611.102(b) "ASTM," "ASTM Method D2972-97 B or C"	Board	Updated "D2972-93 B or C" to "D2972-97 B or C" and "1993" to "1997"

611.102(b) "ASTM," "ASTM Method D2972-03 B or C"	Board	Added the reference to the new method
611.102(b) "ASTM," "ASTM Method D3223-97"	Board	Updated "D3223-91" to "D3223-97" and "September 23, 1991" to "1997"
611.102(b) "ASTM," "ASTM Method D3223-02"	Board	Added the reference to the new method
611.102(b) "ASTM," "ASTM Method D3559-03 D"	Board	Added the reference to the new method
611.102(b) "ASTM," "ASTM Method D3645-97 B"	Board	Corrected "1993" to "1997"
611.102(b) "ASTM," "ASTM Method D3645-03 B"	Board	Added the reference to the new method
611.102(b) "ASTM," "ASTM Method D3649-98a"	Board	Added the reference to the new method
611.102(b) "ASTM," "ASTM Method D3697-02"	Board	Added the reference to the new method
611.102(b) "ASTM," "ASTM Method D3859-98 A"	Board	Updated "D3859-93 A" to "D3859-98 A" and "1993" to "1998"
611.102(b) "ASTM," "ASTM Method D3859-03 A"	Board	Added the reference to the new method
611.102(b) "ASTM," "ASTM Method D3867-90"	JCAR	Changed the double hyphen in "Test Method B--Manual . . ." to "Test Method B—Manual . . ."
611.102(b) "ASTM," "ASTM Method D5317-98"	Board	Added the reference to the new method
611.102(b) "ASTM," "ASTM Method D5673-05"	Board	Added the reference to the new method
611.102(b) "ASTM," "ASTM Method D6508-00(2005)e2"	Board	Added the reference to the new method
611.102(b) "ASTM," "ASTM Method D6919-03"	Board	Added the reference to the new method

611.102(b) "ASTM," "ASTM Method D6888-04"	Board	Added the reference to the new method
611.102(b) "Bran & Luebbe," "Industrial Method #129-71W"	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.102(b) "Bran & Luebbe," "Technicon Methods: Method #380-75WE"	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.102(b) "Georgia Tech Research Institute"	Board	Added the source for and reference to the new method
611.102(b) "ERDA Health and Safety Laboratory," "HASL Procedure Manual"	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.102(b) "Industrial Test Systems, Inc."	Board	Added the source for and reference to the new method
611.102(b) "NTIS," "Kaleda Automated . . . Cyanide"	Board	Corrected "And" to lower-case "and"
611.102(b) "NTIS," "Technical Notes on Drinking Water Methods" Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition' added information relating to the on-line availability of the document
611.102(b) "Standard Methods Online"	Board	Added the on-line source for and reference to the new method
611.102(b) "USEPA," "OGWDW," "Method 317.0"	Board	Changed "USEPA Method 317.0" to USEPA OGWDW Methods, Method 317.0"
611.102(b) "USEPA," "OGWDW," "Method 326.0"	Board	Changed "USEPA Method 326.0" to USEPA OGWDW Methods, Method 326.0"
611.102(b) "USEPA," "OGWDW," "Method 327."	Board	Changed "USEPA Method 327.0" to USEPA OGWDW Methods, Method 327.0"; changed "Section 611.381" to "Sections 611.381 and 611.531"
611.102(b) "USEPA," "OGWDW," "Method 515.4"	Board	Changed "USEPA Method 515.4" to USEPA OGWDW Methods, Method 515.4"
611.102(b) "USEPA," "OGWDW," "Method 531.2"	Board	Changed "USEPA Method 531.2" to USEPA OGWDW Methods, Method 531.2"

611.102(b) "USEPA," "OGWDW," "Method 552.3"	Board	Changed "USEPA Method 552.3" to USEPA OGWDW Methods, Method 552.3"; changed "Section 611.381" to "Sections 611.381 and 611.645"
611.102(b) "USEPA," "OGWDW," "Method 1622 (05)"	Board	Changed "USEPA Method 1622 (05)" to USEPA OGWDW Methods, Method 1622 (05)"
611.102(b) "USEPA," "OGWDW," "Method 1622 (01)"	Board	Changed "USEPA Method 1622 (05)" to USEPA OGWDW Methods, Method 1622 (05)"
611.102(b) "USEPA," "OGWDW," "Method 1622 (99)"	Board	Changed "USEPA Method 1622 (05)" to USEPA OGWDW Methods, Method 1622 (05)"
611.102(b) "USEPA," "OGWDW," "Method 1623 (05)"	Board	Changed "USEPA Method 1622 (05)" to USEPA OGWDW Methods, Method 1622 (05)"
611.102(b) "USEPA," "OGWDW," "Method 1623 (01)"	Board	Changed "USEPA Method 1622 (05)" to USEPA OGWDW Methods, Method 1622 (05)"
611.102(b) "USEPA," "OGWDW," "Method 1623 (99)"	Board	Changed "USEPA Method 1622 (05)" to USEPA OGWDW Methods, Method 1622 (05)"
611.102(b) "USEPA," "ORD," "NERL," "USEPA Method 200.5"	Board	Added the reference to the new method
611.102(b) "Waters Corporation"	Board	Added "or 508-482-2131, fax: 508-482-3625"
611.102(c), "40 CFR 3.2"	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.102(c), "40 CFR 3.3"	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.102(c), "40 CFR 3.10"	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.102(c), "40 CFR 3.2000"	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.102(c), "40 CFR 136.3(a)"	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition to include March 12, 2007 amendments
611.102(c), "appendix B to 40 CFR 136"	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.350(b) "maximum permissible concentration" Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition

611.350(b) “method detection limit” Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.350(b) “90th percentile” Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.350(b) “practical quantitation limit” Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.350(b) “small system” Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.350 Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition, including a <i>Federal Register</i> citation for later amendments
611.351(b)(3)(D)	Board	Removed the past effective date “as of July 12, 2001” and the offsetting comma
611.351(e)(2)	Board	Added “the appropriate of” before “the following timeframes”
611.351(e)(2)(A)	Board	Changed to capitalized “For”; changed the ending comma to a semicolon; added the ending conjunction “or”
611.351(e)(2)(B)	Board	Changed to capitalized “For”
611.351 Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition, including a <i>Federal Register</i> citation for later amendments
611.353 Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition, including a <i>Federal Register</i> citation for later amendments
611.354(b)(1)	Board	Added “that is” before “required to commence”
611.354 Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition, including a <i>Federal Register</i> citation for later amendments
611.355(a)(1) Board note	Board	Removed the obsolete Board note
611.355(b)(2)	Board	Changed “do each of the following” to “complete the public education tasks according to the following requirements”
611.355(b)(4)	Board	Changed “it” to “a NTNCWS supplier”; changed “a NTNCWS supplier” to “it”; changed “as follows” to “as in . . . Section, subject to the limitation set forth in . . . this Section”
611.355(b)(4)(A)	Board	Added “the NTNCWS supplier must”
611.355(b)(4)(B)	Board	Added “the NTNCWS supplier must”
611.355(b)(5)	Board	Changed “contained in” to “set forth in”
611.355(d)(2)	Board, JCAR	Corrected “list steps consumers can take” to “a list of steps that consumers can take”

611.355 Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition, including a <i>Federal Register</i> citation for later amendments
611.356(a)(1)	Board	Changed “sample site” to “sampling site”
611.356(a)(3)(A) Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.356(a)(3)(B) Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.356(a)(3)(C) Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.356(a)(3)(D) Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.356(a)(3)(E) Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.356(a)(4)(A)(i) Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.356(a)(4)(A)(ii) Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.356(a)(4)(A)(iii) Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.356(a)(4)(A)(iv) Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.356(a)(4)(B)(i) Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.356(a)(4)(B)(ii) Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.356(a)(4)(B)(iii) Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.356(a)(4)(A)(i) Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.356(a)(4)(A)(ii) Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.356(a)(4)(C) Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.356(b)(5)(A)	JCAR	Corrected “Sections 611.355(c)(7)(A) and (c)(7)(B)” to “Sections 611.355(b)(7)(A) and (b)(7)(B)”
611.356(b)(5)(C)	Board	Changed “sample site” to “sampling site”
611.356(d)(4)(F)(ii) Board note	Board	Added explanation of the movement of text to subsection (d)(4)(H)
611.356(d)(4)(H) Board note	Board	Added “(d)(4)(H) and”; added “the last sentence of 40 CFR 141.86(d)(4)(vi)(B) and”; updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.356(g)(6)(B)	Board	Changed “sample site” to “sampling site”

611.356 Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition, including a <i>Federal Register</i> citation for later amendments
611.357(d)(1)	Board	Changed “State” to “Agency”
611.357(e)(2)(B)	Board	Changed “the following” to “that it has fulfilled the conditions set forth in . . . this Section . . . , subject to the conditions of . . . this Section”
611.357 Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition, including a <i>Federal Register</i> citation for later amendments
611.358 Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition, including a <i>Federal Register</i> citation for later amendments
611.359(a)(2)(C)	Board	Removed the unnecessary date from the citation to the <i>Code of Federal Regulations</i> , which is incorporated by reference with a date in Section 611.102
611.359(a) Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition, including a <i>Federal Register</i> citation for later amendments
611.359(b) Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.359(c) Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.360(a)(2)	JCAR	Corrected “Sections 611.355(c)(7)(A) and (c)(7)(B)” to “Sections 611.355(b)(7)(A) and (b)(7)(B)”
611.360(a)(2)(A)	Board	Changed “sample site” to “sampling site”
611.360(a)(2)(B)	Board	Changed “sample sites” to “sampling sites”
611.360(e)(2)(A)	Board	Added “that the supplier has”; added commas before and after “in the previous 12 months” to offset the parenthetical
611.360(e)(2)(B)	Board, JCAR	Added “that the supplier has”; added “this demonstration requires that” to the text of former subsection (e)(2)(C) and combined into this subsection; corrected “611.354(b)” to “611.354(c)”
611.360 Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.381(b)(1)(B)(i) Board note	Board	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 6251, including explanation of USEPA approval as an equivalent method
611.381(b)(1)(C)(iii)	JCAR, Board	Changed “inductively-coupled plasma/mass spectrometer” to “inductively coupled plasma-mass spectrometer”

611.381(b)(1)(C)(iii) Board note	JCAR, Board	Changed “inductively-coupled plasma/mass spectrometer” to “inductively coupled plasma-mass spectrometer” (twice)
611.381(b)(1)(D)(i) Board note	Board	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-ClO ₂ , including explanation of USEPA approval as an equivalent method
611.381(c)(1) Board note	Board	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 4500-Cl and Method 4500-ClO ₂ , including explanation of USEPA approval as an equivalent method
611.381(d)(3)(A) Board note	Board	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 5310, including explanation of USEPA approval as an equivalent method
611.381(d)(4)(A) Board note	Board	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 5310, including explanation of USEPA approval as an equivalent method
611.381(d)(4)(B) Board note	Board	Added explanation of reference to <i>Standard Methods</i> , 21st edition instead of Standard Methods Online for Method 5910, including explanation of USEPA approval as an equivalent method
611.381 Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition, including a <i>Federal Register</i> citation for later amendments
611.526(c)(4)	JCAR	Removed the unnecessary conjunction “or” from before “20th”; moved the ending period inside the closing parenthesis
611.526 Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition, including a <i>Federal Register</i> citation for later amendments
611.531(b)	Board	Removed “from Standard Methods . . . 18th and 19th editions)”
611.531(b)(1)(A)	Board	Removed the colon and “Method 4500-Cl D”
611.531(b)(1)(A)(i)	Board	Added “Standard Methods, . . . Method 4500-Cl D”
611.531(b)(2)(A)	Board	Removed the colon and “Method 4500-Cl D”
611.531(b)(2)(A)(i)	Board	Added “Standard Methods, . . . Method 4500-Cl D”
611.531 Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition, including a <i>Federal Register</i> citation for later amendments
611.531(a)(3)(C)	JCAR	Corrected the spelling “spectrophotmetric” to “spectrophotometric”
611.531(b) Board note	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”

611.600(d) table “antimony”	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.600(d) table “arsenic”	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.600(d) table “barium”	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled” (twice)
611.600(d) table “beryllium”	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled” (twice)
611.600(d) table “cadmium”	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.600(d) table “chromium”	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled” (twice)
611.600(d) table “nickel”	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.600(d) table “thallium”	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.600(d) table note 5	Board	Corrected the spelling “absorbtion” to “absorption”
611.600 Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition (twice), including a <i>Federal Register</i> citation for later amendments
611.611(a)	Board	Removed the obsolete parenthetical sentences “This document also contains approved . . . until July 1, 1996. These methods are not available for use after July 1, 1996.” even though it still appears in the corresponding federal text
611.611(a)(2)(A)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.611(a)(3)(A)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.611(a)(3)(B)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.611(a)(5)(A)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.611(a)(5)(B)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.611(a)(6)(A)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.611(a)(6)(B)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.611(a)(7)(A)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.611(a)(7)(B)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”

611.611(a)(8)(C)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.611(a)(8)(D)	Board	Corrected “ASTM D6919-03” to “ASTM Method D6919-03”
611.611(a)(9)(A)	JCAR	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(9)(B)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.611(a)(10)(C)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.611(a)(10)(D)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.611(a)(13)(A)(i)	JCAR	Changed the ending comma to a semicolon
611.611(a)(14)(B)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.611(a)(15)(B)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.611(a)(15)(C)(ii)	Board	Added the entry for “3500-Mg B” from the 20th edition of <i>Standard Methods</i>
611.611(a)(15)(C)(iii)	Board	Moved the entry for “3500-Mg B” from the 20th edition of <i>Standard Methods</i> to subsection (a)(15)(B)(ii)
611.611(a)(16)(C)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.611(a)(17)(A)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.611(a)(17)(B)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.611(a)(21)	Board	Changed “pH” to “pH: Electrometric”
611.611(a)(21)(A)	Board	Moved “electrometric” to subsection (a)(21) and removed the old subsection; renumbered old subsection (a)(21)(A)(i) to subsection (a)(21)(A); added “USEPA Inorganic Methods, Method 150.2”
611.611(a)(21)(B)	Board	Moved “USEPA Inorganic Methods: Method 150.2” to renumbered subsection (a)(21)(A) and removed old subsection (a)(21)(B)
611.611(a)(22)(B)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.611(a)(23)(C)	Board	Corrected “D859-95” to “D859-94”
611.611(a)(23)(G)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.611(a)(24)(A)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.611(a)(26)(A)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”

611.611 Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition, including a <i>Federal Register</i> citation for later amendments
611.612(f)(2)(A)(i)	Board	Added citation to the 21st edition of <i>Standard Methods</i> based on March 12,
611.612 Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition (twice), including a <i>Federal Register</i> citation for later amendments
611.645 preamble	Board	Added the formerly omitted sentence from 40 C.F.R. 141.24(e) relating to <i>Technical Notes on Drinking Water Methods</i> , including incorporation of the USEPA guidance by reference
611.645 “2,4-D”	Board	Added “OGWDW Methods, Method” before “515.4”
611.645 “2,4,5-TP (Silvex)”	Board	Added “OGWDW Methods, Method” before “515.4”
611.645 “alachlor”	Board	Changed the asterisk to the numeric footnote designation “1”
611.645 “atrazine”	Board	Changed the asterisk to the numeric footnote designation “1”
611.645 “carbofuran”	Board	Added “OGWDW Methods, Method” before “531.2”
611.645 “dalapon”	Board	Added “OGWDW Methods, Method” before “515.4”; added “OGWDW Methods, Method” before “552.3”
611.645 “dinoseb”	Board	Added “OGWDW Methods, Method” before “515.4”
611.645 “dalapon”	Board	Added “OGWDW Methods, Method” before “531.2”
611.645 “pentachloro-phenol”	Board	Added “OGWDW Methods, Method” before “515.4”
611.645 “simazine”	Board	Changed the asterisk to the numeric footnote designation “1”
611.645 note 1	Board	Changed the asterisk to the numeric footnote designation “1”
611.645 Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition, including a <i>Federal Register</i> citation for later amendments
611.720(a)(3)(A)	Board	Corrected “D2460-90” to “D2460-97”
611.720(a)(3)(A)(i)	Board	Changed “D2460-90” to “D2460-97”
611.720(a)(4)(G)	JCAR	Removed the unnecessary conjunction “or”
611.720(a)(4)(H)	JCAR	Changed the ending period to a semicolon; added the conjunction “or”
711.720(c)(1)	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
711.720(c)(2)	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.720 Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition, including a <i>Federal Register</i> citation for later amendments

611.802(a)(4)(B)(i)	JCAR	Corrected “Section Section 611.521” to “Section 611.521”
611.802 Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition, including a <i>Federal Register</i> citation for later amendments
611.884 Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition, including a <i>Federal Register</i> citation for later amendments
611.1004(a)	Board	Added “OGWDW Methods,” before “Method 1623”; added “OGWDW Methods,” before “Method 1622”
611.1004 Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition, including a <i>Federal Register</i> citation for later amendments
611.1007(c)(1)(A)	Board	Added “OGWDW Methods,” before “Method 1623”
611.1007(c)(1)(B)	Board	Added “OGWDW Methods,” before “Method 1622”
611.1007(c)(1)(C)	Board	Added “OGWDW Methods,” before “Method 1623”
611.1007(c)(1)(D)	Board	Added “OGWDW Methods,” before “Method 1622”
611.1007(c)(1)(E)	Board	Added “OGWDW Methods,” before “Method 1623”
611.1007(c)(1)(F)	Board	Added “OGWDW Methods,” before “Method 1622”
611.1007 Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition, including a <i>Federal Register</i> citation for later amendments

Table 3:
Revisions to the Text of the Proposed Amendments in Final Adoption

Section	Source	Revision(s)
611 table of contents, 611.Subpart Y heading	JCAR	Corrected “Subpart Y—Stage 2 . . .” to “Subpart Y: Stage 2 . . .”
611 table of contents, 611.Appendix A heading	JCAR	Changed “611.Appendix A” to capitalized “611.APPENDIX A”
611 table of contents, 611.Appendix B heading	JCAR	Changed “611.Appendix B” to capitalized “611.APPENDIX B”
611 table of contents, 611.Appendix C heading	JCAR	Changed “611.Appendix C” to capitalized “611.APPENDIX C”
611 table of contents, 611.Appendix D heading	JCAR	Changed “611.Appendix D” to capitalized “611.APPENDIX D”
611 table of contents, 611.Appendix E heading	JCAR	Changed “611.Appendix E” to capitalized “611.APPENDIX E”

611 table of contents, 611.Appendix F heading	JCAR	Changed “611.Appendix F” to capitalized “611.APPENDIX F”
611 table of contents, 611.Appendix A heading	JCAR	Changed “611.Appendix A” to capitalized “611.APPENDIX A”
611 table of contents, 611.Appendix G heading	JCAR	Changed “611.Appendix G” to capitalized “611.APPENDIX G”
611 table of contents, 611.Appendix H heading	JCAR	Changed “611.Appendix H” to capitalized “611.APPENDIX H”
611 table of contents, 611.Appendix I heading	JCAR	Changed “611.Appendix I” to capitalized “611.APPENDIX I”
611 table of contents, 611.Table A heading	JCAR	Changed “611.Table A” to capitalized “611.TABLE A”
611 table of contents, 611.Table B heading	JCAR	Changed “611.Table B” to capitalized “611.TABLE B”
611 table of contents, 611.Table C heading	JCAR	Changed “611.Table C” to capitalized “611.TABLE C”
611 table of contents, 611.Table D heading	JCAR	Changed “611.Table D” to capitalized “611.TABLE D”
611 table of contents, 611.Table E heading	JCAR	Changed “611.Table E” to capitalized “611.TABLE E”
611 table of contents, 611.Table F heading	JCAR	Changed “611.Table F” to capitalized “611.TABLE F”
611 table of contents, 611.Table G heading	JCAR	Changed “611.Table G” to capitalized “611.TABLE G”
611 table of contents, 611.Table H heading	JCAR	Changed “611.Table H” to capitalized “611.TABLE H”
611 table of contents, 611.Table I heading	JCAR	Changed “611.Table I” to capitalized “611.TABLE I”
611 table of contents, 611.Table J heading	JCAR	Changed “611.Table J” to capitalized “611.TABLE J”
611 table of contents, 611.Table Z heading	JCAR	Changed “611.Table Z” to capitalized “611.TABLE Z”
611.101 “inactivation ratio”	Board, JCAR	Added a comma after “or ‘total inactivation ratio’ (B)” to offset the parenthetical
611.102(a) “ITS Method D99-003”	JCAR	Added the missing ending period
611.102(b) “ALPKEM”	JCAR	Corrected the capitalization of “COLlege” to “College”

611.102(b) "AWWA," "Standard Methods, 20th edition," "Method 4500-ClO ₂ E"	JCAR	Removed the unnecessary conjunction "and" from "Section 611.531"
611.102(b) "AWWA," "Standard Methods, 20th edition," "Method 7500-Sr B"	JCAR	Corrected the spelling "radiactive" to "radioactive"
611.102(b) "AWWA," "Standard Methods, 21st edition," "Method 4500-ClO ₂ E"	JCAR	Removed the unnecessary conjunction "and" from "Section 611.531"
611.102(b) "AWWA," "Standard Methods, 21st edition," "Method 7500-Sr B"	JCAR	Corrected the spelling "radiactive" to "radioactive"
611.102(b) "AWWA," "Standard Methods, 20th edition," "Method 9221 D"	JCAR	Corrected "611.526" to "Section 611.526"
611.102(b) "AWWA," "Standard Methods, 20th edition," "Method 9223"	JCAR	Corrected "Sections 611.526, 611.531" to "Sections 611.526 and 611.531"
611.102(b) "ASTM," "ASTM Method D3697-02"	JCAR	Changed "approved in 2002" to "approved 2002"
611.102(b) "ASTM," "ASTM Method D3867-90"	JCAR	Changed the double hyphen in "Test Method B--Manual . . ." to "Test Method B—Manual . . ."
611.102(b) "ASTM," "ASTM Method D6508-00(2005)"	Agency, Board	Changed "ASTM Method D6508-00(2005)e2 (rev. 2)" to "ASTM Method D6508-00(2005)"
611.102(b) "Georgia Tech Research Institute"	USEPA	Changed the contact information, "Environmental Resources Center, Georgia Institute of Technology, 620 Cherry Street, Atlanta, GA 30332-0335 (404-894- 3776)," to "Georgia Tech Research Institute, Robert Rosson, 925 Dalney Road, Atlanta, GA 30332 (404- 407-6339)"

611.102(b) "Georgia Tech Research Institute," The Determination of Radium . . . Ge(Li) Detectors"	JCAR	Removed the unnecessary comma after "December 2004"
611.102(b) "NTIS," "Prescribed Procedures for . . . Drinking Water"	JCAR	Removed the unnecessary comma after "August 1980"
611.102(b) "Standard Methods Online"	JCAR	Placed the entry in appropriate alphabetical order before "Syngenta Crop Protection, Inc."
611.102(b) "United States Environmental Protection Agency, Office of Ground Water and Drinking Water," "USEPA OGWDW Methods, Method 317.0"	JCAR	Corrected "Section 611.381 and 611.382" to plural "Sections 611.381 and 611.382"
611.102(b) "USEPA, Office of Research and Development," "USEPA Method 200.5"	JCAR	Added a missing quotation mark before "USEPA NERL Method 200.5"
611.350 Board note	JCAR	Corrected "57782 (October 10, 2007)" to "72 Fed. Reg. 57782 (October 10, 2007)"
611.354(b)(1)(C)	JCAR, Agency	Corrected the subsection designation "3" to "C"
611.355(a)(1)	JCAR, Board, Agency	Corrected "listed below" to "listed in subsection (a)(1)(A) through (a)(1)(F) of this Section"; corrected "set forth below" to "set forth in subsection (a)(1)(A) through (a)(1)(F) of this Section"; removed the words "prior to delivery, as required by subsection (a)(3) of this Section" (see the discussion at page 15 of this opinion)
611.355(a)(2)	JCAR	Added the comma to offset the introductory phrase, "in addition to . . . this Section"
611.355(a)(3)	Agency	Removed the proposed subsection (see the discussion at page 15 of this opinion)
611.355(a) Board note	Board, Agency	Revised the note to explain the existing Agency procedure for providing guidance to suppliers and for reviewing public information packages (see the discussion at page 15 of this opinion)
611.355(b)	JCAR	Corrected "a public education materials" to singular "public education materials"

611.355(b)(1)	JCAR, Board	Changed “a supplier that serves . . . non-English speaking consumers, the public education materials must” to “the public education materials of a supplier that serves . . . non-English-speaking consumers must”
611.355(b)(2)(A)	JCAR	Corrected “section” to capitalized “Section”
611.355(b)(2)(B)(iii)	JCAR	Corrected the spelling “subsetions” to “subsections”
611.355(b)(2)(C) certification statement	JCAR	Changed the “SUPPLIER’s” to all-capitalized “SUPPLIER’S”
611.355(b)(2)(g)	JCAR	Corrected “Section 611, 110” to “Section 611.110”
611.355(b)(2)(I)(iii)	JCAR	Changed capitalized “Gynecologists and Midwives” to lower-case “gynecologists and midwives”
611.355(b)(3)	JCAR	Added a comma before “as described in . . .” to offset the parenthetical
611.355(b)(5)	JCAR	Corrected “subsection (c)(4) of this Section” to “subsection (b)(4) of this Section”; corrected “if the determines” to “if the Agency determines”
611.355(b)(8)(A)	JCAR	Changed “3,300 or fewer” to “3,300 or fewer people”
611.355(d)(2)	Board, JCAR	Corrected “list steps consumers can take” to “a list of steps that consumers can take”
611.355 Board note	JCAR	Corrected “57782 (October 12, 2007)” to “72 Fed. Reg. 57782 (October 10, 2007)”
611.356(b)(5)(A)	JCAR	Corrected “Sections 611.355(c)(7)(A) and (c)(7)(B)” to “Sections 611.355(b)(7)(A) and (b)(7)(B)”
611.356(c)(2)	JCAR	Corrected “subsection (c) of this Section” to “this subsection (c)”
611.356(g)(4)(B)	JCAR	Corrected “that section” to capitalized “that Section”
611.356 Board note	JCAR	Corrected “57782 (October 10, 2007)” to “72 Fed. Reg. 57782 (October 10, 2007)”
611.357(d)(2)	JCAR	Corrected “this subsection” to “this subsection (d)”
611.357(e)(2)(A)(ii)	JCAR	Corrected “this subsection” to “this subsection (d)”
611.357 Board note	JCAR	Corrected “57782 (October 10, 2007)” to “72 Fed. Reg. 57782 (October 10, 2007)”
611.358 Board note	JCAR	Corrected “57782 (October 10, 2007)” to “72 Fed. Reg. 57782 (October 10, 2007)”
611.359(a)(2)(D)	JCAR	Added the omitted overstrike on “(a)(2)”
611.359 Board note	JCAR	Corrected “57782 (October 10, 2007)” to “72 Fed. Reg. 57782 (October 10, 2007)”
611.360(a)(2)	JCAR	Corrected “Sections 611.355(c)(7)(A) and (c)(7)(B)” to “Sections 611.355(b)(7)(A) and (b)(7)(B)”
611.360(e)(2)(A)	Board	Added “that the supplier has”; added commas before and after “in the previous 12 months” to offset the parenthetical

611.360(e)(2)(B)	Board, JCAR	Added “that the supplier has”; added “this demonstration requires that” to the text of former subsection (e)(2)(C) and combined into this subsection
611.360 Board note	JCAR	Corrected “57782 (October 10, 2007)” to “72 Fed. Reg. 57782 (October 10, 2007)”
611.381(b)(1)(B)(i) Board note	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.381(b)(1)(C)(iii)	JCAR, Board	Changed “inductively-coupled plasma/mass spectrometer” to “inductively coupled plasma-mass spectrometer”
611.381(b)(1)(C)(iii) Board note	JCAR, Board	Changed “inductively-coupled plasma/mass spectrometer” to “inductively coupled plasma-mass spectrometer” (twice)
611.381(b)(1)(D)(i) Board note	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.381(c)(1) Board note	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.381(c)(2)(A) Board note	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.381(c)(3)(A) Board note	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.381(c)(4)(A) Board note	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.381(c)(4)(B) Board note	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.480	JCAR	Corrected the presentation of the amendment “ <u>alternative</u> ” to “ alternate <u>alternative</u> ” (three times)
611.480 source note	JCAR	Added the omitted source note
611.526(c)(4)	JCAR	Removed the unnecessary conjunction “or” from before “20th”; moved the ending period inside the closing parenthesis
611.526(c) Board note	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.531(a)(2)(D) Board note	JCAR	Added the missing comma after “e.g.”
611.531(a) Board note	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.531(a)(3)(C)	JCAR	Corrected the spelling “spectrophotmetric” to “spectrophotometric”
611.531(b) Board note	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.600(d) table “antimony”	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.600(d) table “arsenic”	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”

611.600(d) table “barium”	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled” (twice)
611.600(d) table “beryllium”	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled” (twice)
611.600(d) table “cadmium”	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.600(d) table “chromium”	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled” (twice)
611.600(d) table “nickel”	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.600(d) table “thallium”	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.600(d) table note 5	Board	Corrected the spelling “absorbtion” to “absorption”
611.611(a)(1)(A)(ii) Board note	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(2)(A)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.611(a)(2)(D) Board note	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(2)(E) Board note	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(3)(A)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.611(a)(3)(A)(ii) Board note	JCAR, Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”; corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(3)(B)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.611(a)(3)(D)(ii) Board note	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(3)(E)(ii) Board note	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(3)(F) Board note	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(5)(A)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.611(a)(5)(A)(ii) Board note	JCAR, Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”; corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(5)(B)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.611(a)(5)(C) Board note	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”

611.611(a)(5)(D) Board note	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(5)(E) Board note	JCAR	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(6)(A)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.611(a)(6)(A)(ii) Board note	JCAR, Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”; corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(6)(B)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.611(a)(6)(D)(ii) Board note	JCAR, Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”; corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(6)(E)(ii) Board note	JCAR	Changed “inductively-coupled” to non-hyphenated “inductively coupled”; corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(7)(A)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.611(a)(7)(B)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.611(a)(6)(D) Board note	JCAR	Changed “inductively-coupled” to non-hyphenated “inductively coupled”; corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(7)(E) Board note	JCAR	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(8)(A)(ii) Board note	JCAR	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(8)(B)(ii) Board note	JCAR, Board	Corrected “furnace technique plasma” to “direct aspiration”; corrected “Method 311 B” to “Method 3111 B”; corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(8)(C)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.611(a)(8)(C)(ii) Board note	JCAR	Changed “inductively-coupled” to non-hyphenated “inductively coupled”; corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(8)(E) Board note	JCAR	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(9)(A)	JCAR	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(9)(A)(ii) Board note	Board, JCAR	Changed “inductively-coupled” to non-hyphenated “inductively coupled”; corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”

611.611(a)(9)(B)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.611(a)(9)(D) Board note	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(9)(E) Board note	JCAR	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(10)(A)(ii) Board note	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(10)(B)(ii) Board note	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(10)(C)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.611(a)(10)(C)(ii) Board note	Board, JCAR	Changed “inductively-coupled” to non-hyphenated “inductively coupled”; corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(10)(D)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.611(a)(10)(F) Board note	JCAR	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(11)(B) Board note	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(12)(A)(i) Board note	JCAR	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(11)(A)(ii) Board note	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(11)(B)(ii) Board note	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(11)(D) Board note	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(13)(A)(i)	JCAR	Changed the ending comma to a semicolon
611.611(a)(13)(A)(iii) Board note	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(13)(B) Board note	JCAR, Board	Corrected “SDAPNS” to “SPADNS”; corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(13)(C)(i) Board note	JCAR	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(13)(C)(ii) Board note	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(13)(E)(i) Board note	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(13)(F)	Agency	Changed “ASTM Method D6508-00(2005)e2” to “ASTM Method D6508-00(2005)”
611.611(a)(13)(F)	Agency	Changed “ASTM Method D6508-00(2005)e2” to “ASTM Method D6508-00(2005)”

611.611(a)(13)(F) Board note	JCAR, Board, Agency	Changed “the Board attempted” to “the Board attempt”; “approved in 200 and revised in 2005” to “approved in 2000 and reapproved in 2005”; changed “ASTM Method D6508-00(2005)e2” to “ASTM Method D6508-00(2005)”
611.611(a)(14)(A)(ii) Board note	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(14)(B)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.611(a)(14)(D) Board note	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(14)(E) Board note	JCAR	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(15)(A)(ii) Board note	JCAR, Board	Corrected the spelling “absorbtion” to “absorption”; corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(15)(B)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.611(a)(15)(B)(ii) Board note	Board, JCAR	Changed “inductively-coupled” to non-hyphenated “inductively coupled”; corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(15)(C)(ii) Board note	Board, JCAR	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(15)(E) Board note	JCAR	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(16)(A)(iii) Board note	JCAR	Corrected “cold vapor technique” to “manual cold vapor technique”; corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(16)(C)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.611(a)(17)(A)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.611(a)(17)(A)(ii) Board note	Board, JCAR	Changed “inductively-coupled” to non-hyphenated “inductively coupled”; corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(17)(B)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.611(a)(17)(D) Board note	Board, JCAR	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(17)(E) Board note	Board, JCAR	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(17)(F) Board note	JCAR	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(18)(A)(iii) Board note	Board, JCAR	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”

611.611(a)(18)(B)(iii) Board note	Board, JCAR	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(18)(C)(i) Board note	Board, JCAR	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(18)(D)(ii) Board note	Board, JCAR	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(18)(E)	Agency	Changed “ASTM Method D6508-00(2005)e2” to “ASTM Method D6508-00(2005)”
611.611(a)(18)(E) Board note	JCAR, Board, Agency	Changed “the Board attempted” to “the Board attempt”; “approved in 200 and revised in 2005” to “approved in 2000 and reapproved in 2005”; changed “ASTM Method D6508-00(2005)e2” to “ASTM Method D6508-00(2005)”
611.611(a)(19)(A)(iii) Board note	Board, JCAR	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(19)(B)(iii) Board note	Board, JCAR	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(19)(C)(ii) Board note	Board, JCAR	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(19)(D) Board note	Board, JCAR	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(19)(E) Board note	JCAR, Board, Agency	Changed “the Board attempted” to “the Board attempt”; “approved in 200 and revised in 2005” to “approved in 2000 and reapproved in 2005”; changed “ASTM Method D6508-00(2005)e2” to “ASTM Method D6508-00(2005)”
611.611(a)(20)(A)(ii) Board note	JCAR	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(20)(B)(ii) Board note	JCAR	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(20)(F)(iii) Board note	Board, JCAR	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(20)(G)	Board	Changed “Waters Method D6508, rev. 2” to “ASTM Method D6508-00(2005)” (see page 13 of this opinion)
611.611(a)(20)(G) Board note	JCAR, Board, Agency	Corrected “nitrite” to “orthophosphate”; changed “the Board attempted” to “the Board attempt”; “approved in 200 and revised in 2005” to “approved in 2000 and reapproved in 2005”; changed “ASTM Method D6508-00(2005)e2” to “ASTM Method D6508-00(2005)”
611.611(a)(21)(C) Board note	JCAR, Board	Corrected the spelling “electormetric” to “electrometric”; corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(22)(A)(ii) Board note	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”

611.611(a)(22)(B)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.611(a)(22)(D)(ii) Board note	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(22)(E) Board note	JCAR	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(23)(C) Board note	JCAR	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(23)(D) Board note	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(23)(E) Board note	JCAR, Board	Corrected the spelling “hetropoly” to “heteropoly”; corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(23)(F) Board note	JCAR	Corrected “automated for” to “automated method for”; corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(23)(G)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.611(a)(23)(G)(ii) Board note	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(24)(A)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.611(a)(24)(B) Board note	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(24)(C) Board note	JCAR	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(25) Board note	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.611(a)(26)(A)	Board	Changed “inductively-coupled” to non-hyphenated “inductively coupled”
611.612(f)(2)(A)(iii) Board note	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.612(f)(2)(C) Board note	JCAR	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.612(f)(3)(A)(iii) Board note	JCAR, Board	Removed the unnecessary period after the comma after “3111”; corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.612(f)(3)(C) Board note	JCAR	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.612(f)(4)(A)(ii) Board note	JCAR, Board	Removed the unnecessary period after the comma after “3111”; corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.612(f)(4)(C) Board note	JCAR	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”

611.720(a)(1)(A)(ii)	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.720(a)(2)(A)	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.720(a)(3)(C)(iv)	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.720(a)(4)(A)	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.720(a)(4)(G)	JCAR	Removed the unnecessary conjunction “or”
611.720(a)(4)(H)	JCAR	Changed the ending period to a semicolon; added the conjunction “or”
611.720(a)(5)(A)	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.720(a)(5)(C)(iv)	JCAR	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.720(a)(6)(A)	JCAR	Added a comma after “19th” to offset the elements of a series
611.720(a)(6)(B) Board note	JCAR, Board	Corrected “Method Method 7120” to “Method 7120”; corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.720(a)(7)(B)(i)	JCAR	Added a comma after “19th” to offset the elements of a series
611.720(a)(6)(B) Board note	JCAR, Board	Corrected “Method Method 7120” to “Method 7120”; corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.720(a)(8)(A)(ii)	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.720(a)(9)(B)(ii)	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.720(a)(10)(B)(i)	JCAR	Added a comma after “19th” to offset the elements of a series
611.720(a)(10)(B)(iii) Board note	JCAR, Agency, Board	Corrected “Method Method 7120” to “Method 7120”; corrected “7500-I B” to “Method 7500-I B”; corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.802(a)(4)(B)(i)	JCAR	Corrected “Section Section 611.521” to “Section 611.521”
611.802(c)(2)(A) Board note	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”; corrected “Method Method 9223 B” to “Method 9223 B”; corrected “versions of Method 9223 B” to singular “version of Method 9223 B”
611.802(c)(2)(B)(i) Board note	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”
611.884(d)(1) required statement	JCAR	Removed the opening quotation mark

611.884 Board note	JCAR, Agency	Corrected “57782 (October 12, 2007)” to “72 Fed. Reg. 57782 (October 10, 2007)”
611.1004(b)(4) Board note	JCAR, Board	Corrected “Appendix A to Subpart C” to “appendix A to subpart C of 40 CFR 141”; added “20th ed.” and a comma after “Standard Methods for the Examination of Water and Wastewater”

Table 4
Requested Revisions to the Text of the Proposed Amendments Not Made in Final Adoption

Section Affected	Source(s) of Request: Requested Revision(s)	Explanation
611.101 “inactivation ratio”	JCAR: Remove the comma before “or ‘total inactivation ratio’ (B).”	The Board instead added a comma after “or ‘total inactivation ratio’ (B)” to offset the parenthetical.
611.102(a) “USEPA NERL Method 200.5 (rev. 4.2)”	JCAR: Add a hyphen for “inductively-coupled.”	The title reads un-hyphenated, “Inductively Coupled,” which comports with the rule in Garner, Bryan, <i>The Redbook: A Manual on Legal Style</i> , West Group 2002, p. 34, Rule 1.57(d): there is no hyphen after a word ending in “-ly,” unless the adjective phrase has more than two words. <i>See also</i> “The Chicago Manual of Style,” 14th ed., University of Chicago Press 1993, p. 204, rule 6.41.
611.102(b) “AWWA,” “Standard Methods, 18th edition,” “Method 3120 B”	JCAR: Add a hyphen for “inductively-coupled.”	See the above explanation relating to the same suggestion re Section 611.102(a).
611.102(b) “AWWA,” “Standard Methods, 19th edition,” “Method 3120 B”	JCAR: Add a hyphen for “inductively-coupled.”	See the above explanation relating to the same suggestion re Section 611.102(a).
611.102(b) “AWWA,” “Standard Methods, 20th edition,” “Method 3120 B”	JCAR: Add a hyphen for “inductively-coupled.”	See the above explanation relating to the same suggestion re Section 611.102(a).
611.102(b) “AWWA,” “Standard Methods, 21st edition,” “Method	JCAR: Add a hyphen for “inductively-coupled.”	See the above explanation relating to the same suggestion re Section 611.102(a).

3120 B”		
611.102(b) “ASTM,” “ASTM Method D5673-05”	JCAR: Add a hyphen for “inductively-coupled.”	See the above explanation relating to the same suggestion re Section 611.102(a).
611.102(b) “ASTM,” “ASTM Method D5673-05”	JCAR: Add a hyphen for “inductively-coupled.”	See the above explanation relating to the same suggestion re Section 611.102(a).
611.360(e)(2)(B)	JCAR: Restructure the provision, so that subsection (e)(2) is an added topical heading; subsection (e)(2) becomes subsection (a)(2)(A), subsection (e)(2)(A) becomes subsection (e)(2)(A)(i), subsection (e)(2)(B) becomes subsection (a)(2)(A)(ii), and subsection (e)(2)(C) becomes subsection (e)(2)(B).	The Board has chosen instead: to combine the text of subsection (a)(2)(C) into subsection (a)(2)(B).
611.381(b)(1)(C)(iii)	JCAR: Add a hyphen for “Inductively-Coupled.”	See the above explanation relating to the same suggestion re Section 611.102(a) “USEPA NERL Method 200.5 (rev. 4.2)” above.
611.381(b)(1)(C)(iii) Board note	JCAR: Add a hyphen for “Inductively-Coupled.”	See the above explanation relating to the same suggestion re Section 611.102(a) “USEPA NERL Method 200.5 (rev. 4.2)” above.
611.600(d) Board note	JCAR: Remove the comma after “40 CFR 141.23 preamble (2007).”	What follows the comma “and subsection (d) of this section is derived . . .” is an independent clause.
611.611(a)(3)(F)	JCAR: Add a hyphen for “inductively-coupled.” Use a dash between “plasma” and “atomic”	See the above explanation relating to the same suggestion re Section 611.102(a) “USEPA NERL Method 200.5 (rev. 4.2)” above. The Board has not yet made a this distinction between a hyphen and a dash. <i>Compare</i> “The Chicago Manual of Style,” 14th ed., University of Chicago Press 1993, p. 187-88, rules 5.115-5.117 <i>with id.</i> rules 5.122 and 5.123.
611.611(a)(5)(B)	JCAR: Add a hyphen for	See the above explanation

	“inductively-coupled.” Use a dash between “plasma” and “atomic”	relating to the same suggestion re Section 611.611(a)(3)(F).
611.611(a)(7)(E)	JCAR: Add a hyphen for “inductively-coupled.” Use a dash between “plasma” and “atomic”	See the above explanation relating to the same suggestion re Section 611.611(a)(3)(F).
611.611(a)(8)(E)	JCAR: Add a hyphen for “inductively-coupled.” Use a dash between “plasma” and “atomic”	See the above explanation relating to the same suggestion re Section 611.611(a)(3)(F).
611.611(a)(9)(E)	JCAR: Add a hyphen for “inductively-coupled.” Use a dash between “plasma” and “atomic”	See the above explanation relating to the same suggestion re Section 611.611(a)(3)(F).
611.611(a)(10)(F)	JCAR: Add a hyphen for “inductively-coupled.” Use a dash between “plasma” and “atomic”	See the above explanation relating to the same suggestion re Section 611.611(a)(3)(F).
611.611(a)(14)(E)	JCAR: Add a hyphen for “inductively-coupled.” Use a dash between “plasma” and “atomic”	See the above explanation relating to the same suggestion re Section 611.611(a)(3)(F).
611.611(a)(17)(F)	JCAR: Add a hyphen for “inductively-coupled.” Use a dash between “plasma” and “atomic”	See the above explanation relating to the same suggestion re Section 611.611(a)(3)(F).
611.611(a)(22)(E)	JCAR: Add a hyphen for “inductively-coupled.” Use a dash between “plasma” and “atomic”	See the above explanation relating to the same suggestion re Section 611.611(a)(3)(F).
611.611(a)(24)(C)	JCAR: Add a hyphen for “inductively-coupled.” Use a dash between “plasma” and “atomic”	See the above explanation relating to the same suggestion re Section 611.611(a)(3)(F).
611.612(f)(3)(C)	JCAR: Add a hyphen for “inductively-coupled.” Use a dash between “plasma” and “atomic”	See the above explanation relating to the same suggestion re Section 611.611(a)(3)(F).
611.612(f)(4)(C)	JCAR: Add a hyphen for “inductively-coupled.” Use a dash between “plasma” and “atomic”	See the above explanation relating to the same suggestion re Section 611.611(a)(3)(F).

I, John T. Therriault, Assistant Clerk of the Illinois Pollution Control Board, certify that the Board adopted the above opinion on December 18, 2008, by a vote of 5-0.

A handwritten signature in black ink that reads "John T. Therriault". The signature is written in a cursive style with a long horizontal flourish extending to the right.

John T. Therriault, Assistant Clerk
Illinois Pollution Control Board