

ILLINOIS POLLUTION CONTROL BOARD
December 2, 2010

IN THE MATTER OF:)	
SDWA UPDATE, USEPA AMENDMENTS	)	R10-1
(January 1, 2009 through June 30, 2009)	)	(Identical-in-Substance
	)	Rulemaking - Public Water Supply)
)	
SDWA UPDATE, USEPA AMENDMENTS	)	R10-17
(July 1, 2009 through December 31, 2009)	)	(Identical-in-Substance
	)	Rulemaking - Public Water Supply)
)	
SDWA UPDATE, USEPA AMENDMENTS	)	R11-6
(January 1, 2010 through June 30, 2010)	)	(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 five USEPA actions. Those actions span the three identical-in-substance update periods of January 1, 2009 through June 30, 2009, July 1, 2009 through December 31, 2009, and January 1, 2010 through June 30, 2010.

By an order dated June 17, 2010, the Board found that an extension of the deadline for final adoption of these amendments was necessary. That order extended the deadline from June 29, 2010 until November 15, 2010. By a subsequent order dated November 4, 2010, the Board extended the deadline a second time until December 20, 2010.

Sections 7.2 and 17.5 of the Environmental Protection Act (Act) (415 ILCS 5/7.2 and 17.5 (2008)) 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 Safe Drinking Water Act (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 Illinois Administrative Procedure Act (APA) (5

ILCS 100/5-35 and 5-40 (2006)) do not apply to the Board's adoption of identical-in-substance regulations.

The Board adopted a proposal for public comment in this matter on August 5, 2010. By a supplemental opinion dated August 19, 2010, the Board requested comments on how electronic reporting to an Illinois State agency might occur under the Aircraft Drinking Water Rule (ADWR). Based on public comments from USEPA and the Illinois Environmental Protection Agency (Agency), however, the Board has determined not to adopt the ADWR provision. The Board will therefore not further discuss the questions raised by the supplement opinion.

A Notice of Proposed Amendments based on the August 5, 2010 proposal appeared in the October 8, 2010 issue of the *Illinois Register*, at 34 Ill. Reg. 14841. The 45-day public comment period ended on November 22, 2010. The Board now adopts final amendments based on the proposal for public comment.

The Board will proceed to file the final amendments with the Office of the Secretary of State no later than December 15, 2010, pursuant to the extension of the deadline adopted by the Board pursuant to Section 7.2(b) of the Act (415 ILCS 5/7.2(b) (2008)) the Board order of November 4, 2010.

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

USEPA ACTIONS INCLUDED IN THESE DOCKETS

The **R10-1 docket** includes amendments that USEPA adopted in the period **January 1, 2009 through June 30, 2009**. On June 29, 2009, USEPA revised the federal drinking water regulations as follows:

June 29, 2009 (74 Fed. Reg. 30953) USEPA adopted a minor correction to the Stage 2 Disinfection and Disinfectant By-Products Rule (Stage 2 DDBPR) and made a minor editorial change in the drinking water analytical methods. USEPA corrected an inadvertent error when it omitted requirements applicable to ground water system suppliers that serve between 500 and 9,999 persons. This error resulted in these entities monitoring for either total trihalomethanes (TTHM) or haloacetic acids (HAA5) at two locations. USEPA had intended that these suppliers monitor both TTHM and HAA5 at two locations. USEPA further added new analytical methods approved by the expedited approval process, removed references to obsolete methods, and specified a new source for the incorporated reference "Technical Notes on Drinking Water Methods."

The **R10-17 docket** includes amendments that USEPA adopted in the period **July 1, 2009 through December 31, 2009**. USEPA revised the federal drinking water regulations four times during this period, as follows:

August 3, 2009 (74 Fed. Reg. 38348) USEPA used its authority to use a summary procedure to approve alternative testing methods for use in demonstrating compliance

with the drinking water standards. USEPA determined that six new methods were equivalent to methods that it had earlier approved by rulemaking. The new methods include a gas chromatography-mass spectrometry (GC-MS) method for volatile organic compounds in finished water, one laser and two light emitting diode nephelometric methods for turbidity in drinking water, an automated colorimetric method for nitrite in drinking water, and a GC-MS method for cyanide in drinking water.

October 19, 2009 (74 Fed. Reg. 53590) USEPA adopted the ADWR as an NPDWR applicable to aircraft public water systems. The new rules apply to aircraft that are public water systems and which board water for public consumption, regulating them as transient non-community water systems. The rules include provisions for water quality monitoring and management, water-handling equipment maintenance, public notice, and reporting and recordkeeping requirements.

November 10, 2009 (74 Fed. Reg. 57908) USEPA used its authority to employ a summary procedure to approve alternative testing methods for use in demonstrating compliance with the drinking water standards. USEPA determined that 25 new methods were equivalent to methods that it had earlier approved by rulemaking. The new drinking water methods include an on-line method for chlorine; an ion chromatography method for bromate; another ion chromatography method for bromate, dalapon, and haloacetic acids; an ultraviolet light absorbance test for total organic carbon; an updated version of the minimal medium ONPG-MUG method for *E. coli*; 14 updated versions of methods for inorganic contaminants from the American Society for Testing and Materials (ASTM); a light-emitting diode method for turbidity in water; an electrochemical sensor method for total and free chlorine; and a modified Colitag method for total coliform.

December 2, 2009 (74 Fed. Reg. 63069) USEPA made a minor correction in its November 10, 2009 summary approval of drinking water analytical methods.

The **R11-6 docket** includes amendments that USEPA adopted in the period **January 1, 2010 through June 30, 2010**. On June 29, 2009, USEPA revised the federal drinking water regulations as follows:

June 8, 2010 (75 Fed. Reg. 32295) USEPA used its authority to employ a summary procedure to approve alternative testing methods for use in demonstrating compliance with the drinking water standards. USEPA determined that 12 new methods were equivalent to methods that it had earlier approved by rulemaking. The new drinking water methods include a new method for dalapon; methods used for demonstrating compliance with the radionuclide standards: radium-226, radium-228, uranium, radioactive cesium, radioactive iodine, gamma emitters, and tritium; methods for halogenated organic compounds to be used for demonstrating compliance with the disinfection by-products rule; and new methods for demonstrating compliance with the disinfection requirements.

No 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 no related USEPA actions since June 8, 2010 that further amend the SDWA rules in a way that affects the present amendments.

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.

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

In addition to the amendments to the federal wastewater pretreatment and 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 by reference. These are federal Clean Water Act (CWA) methods for analysis of contaminants in water. 35 Ill. Adm. Code 611.102 also incorporates other segments of the federal regulations by reference, including the electronic reporting requirements (40 C.F.R. 3.3, 3.10, and 3.2000) and requirements relating to state grants of relief from generally applicable standards (142.20(b)(1)).

As of June 30, 2010, the ending date of the federal actions involved in this proposal for public comment, 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 35 Ill. Adm. Code 611. Nevertheless, the Board will update all references to the *Code of Federal Regulations* to the most recent version available (July 1, 2009), including *Federal Register* citations to later amendments where necessary.

PUBLIC COMMENTS

The Board allowed the submission of public comments on the August 5, 2010 proposal, as supplemented by the August 19, 2010 supplemental opinion, for 45 days following publication of the proposed amendments in the *Illinois Register*, until November 22, 2010. The Board received five comments on the proposal. Those comments are identified as follows:

- PC 1 August 31, 2010 and September 1, 2010 e-mails from Patrick Churilla, USEPA Region 5, Ground Water and Drinking Water Branch, in response to August 31, 2010 and September 1, 2010 e-mails from Michael J. McCambridge, Board hearing officer. (Docketed September 2, 2010.)
- PC 2 September 21, 2010 e-mail from Michael J. McCambridge, Board hearing officer,

to Ken Runkle, Illinois Department of Public Health; Janet Kuefler, USEPA Region 5, Ground Water and Drinking Water Branch; Stefanie Diers, Illinois Environmental Protection Agency, Division of Legal Counsel; and the record, memorializing the substance of a September 21, 2010 telephone conversation with Janet Kuefler. (Docketed September 22, 2010.)

- PC 3 September 27, 2009 e-mail from Michael J. McCambridge, Board hearing officer, to the record, attaching a September 24, 2010 e-mail from Thomas Poy, Chief, USEPA Region 5, Ground Water and Drinking Water Branch, in response to the September 23, 2010 e-mail from Michael J. McCambridge to Thomas Poy. (Docketed September 22, 2010.)
- PC 4 September 23, 2010 e-mail from Michael J. McCambridge, Board hearing officer, to Thomas Poy, Chief, USEPA Region 5, Ground Water and Drinking Water Branch, in reply to a September 23, 2010 e-mail from Thomas Poy responding to the September 22, 2010 e-mail from Michael J. McCambridge to Heather Shoven, USEPA Region 5, Ground Water and Drinking Water Branch. (Docketed September 28, 2010.)
- PC 5 September 30, 2010 comments from Stefanie Diers, Illinois Environmental Protection Agency, Division of Legal Counsel. (Docketed October 4, 2010.)

PC 1 related to the attempts of the Board hearing officer to obtain copies of analytical methods for the purposes of incorporation by reference. *See* 5 ILCS 100/5-75(c) (2008). PC 1 indicates the methods sought and those obtained through the inquiry to USEPA. The other four public comments (PCs 2, 3, 4, and 5) related to Board adoption of USEPA's October 19, 2009 ADWR. The segment of discussion relating to the ADWR (beginning on page 7 of this opinion) describes the content of these four comments.

In addition to the public comments received, the Joint Committee on Administrative Rules (JCAR) submitted a marked-up copy of the text of the proposed amendments. This copy indicated several suggestions for changes in the text of the amendments. The Board has made a number of minor, non-substantive revisions based on JCAR's suggestions.

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

Corrective Amendments to the Stage 2 Disinfection and Disinfectants By-Products Rule-- Sections 611.381, 611.526, 611.531, 611.611, 611.645, 611.720, 611.802, 611.925, 611.971, and 611.1004

The USEPA action of June 29, 2009 (74 Fed. Reg. 305930) corrected various aspects of the January 4, 2006 (71 Fed. Reg. 388) Stage 2 Disinfection and Disinfectant By-Products Rule (Stage 2 DDPBR), adopted by the Board 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) (consolidated). USEPA included minor, unrelated corrections together with the Stage 2 DDPBR corrections. The corrections included addition of a monitoring requirement applicable to groundwater system suppliers that provide drinking water to 500 to 9,999 persons that USEPA inadvertently omitted in the initial rulemaking. USEPA added references to appendix A to subpart C of 40 C.F.R. 141 in the provisions that list approved analytical methods for various contaminants. Appendix A to subpart C is the listing of approved alternative methods that USEPA has determined, using an expedited procedure, are equivalent to those approved for various contaminants by the full rulemaking procedure.

The Board incorporated the June 29, 2010 USEPA amendments into the Illinois drinking water regulations without substantive deviation from the federal text. The minor, non-substantive changes that the Board has found necessary appear in Table 1 (beginning on page 13 of this opinion).

Analytical Methods Updates--Sections 611.102, 611.381, 611.526, 611.531, 611.611, 611.612, 611.645, 611.720, 611.802, 611.925, 611.971, and 611.1004

USEPA used the expedited procedure for approval of approved alternative analytical methods several times during the three time periods involved in this docket. USEPA approved a number of equivalent methods on August 2, 2009 (74 Fed. Reg. 38348), November 10, 2009 (74 Fed. Reg. 57908), and June 8, 2010 (75 Fed. Reg. 32295). USEPA corrected the November 10, 2009 amendments on December 2, 2009 (74 Fed. Reg. 63069). The USEPA amendments designate new methods as acceptable, and they add updated versions of older methods as acceptable. The amendments added methods for use in demonstrating compliance with many requirements of the drinking water rules.

The Board updated the methods in several provisions of the Illinois drinking water regulations to correspond with the several USEPA expedited approvals of approved 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. The structure of the Illinois rules deviates from that of corresponding 40 C.F.R. 141. Principally, USEPA adds approved alternative methods to table A to subpart C of 40 C.F.R. 141, and the Board includes the methods together with the methods set forth in the appropriate substantive provisions or the rules—together with the methods that USEPA approved by rulemaking. The

Board adds notes in appropriate places in the rules to indicate the methods that USEPA has approved using the expedited procedure. Any person interested in the substance of the USEPA actions should review the *Federal Register* notices of August 3, 2009, November 3, 2009, December 2, 2009, and June 8, 2010. The changes that the Board has found necessary to make in the text of the federal expedited approvals (besides conversion of format) are indicated in Table 1 (which begins on page 13 of this opinion).

Aircraft Public Water Supply Rule—Subpart AA

On October 19, 2009 (at 75 Fed. Reg. 53590), USEPA adopted the Aircraft Drinking Water Rule (ADWR), which applies to aircraft potable water systems that are public water supplies. The ADWR establishes standards for water quality monitoring and management, water-handling equipment maintenance, public notice, and reporting and recordkeeping. The ADWR applies to aircraft that provide drinking water to 25 or more persons at least 60 days per year. These aircraft water systems fall within the definition of “public water supply,” as contemplated by section 300f(4) of SDWA (42 U.S.C. 300f(4) (2006); *see* 415 ILCS 5/3.365 (2008)).

In the August 5, 2010 proposal for public comment, the Board proposed incorporating the ADWR provisions into the Illinois drinking water regulations. The ADWR is an NPDWR, as such is contemplated by Section 17.5 of the Act (*see* 415 ILCS 5/17.5 (2008)). As detailed below, however, the Board now finds that the unique nature of the ADWR militates against the Board adopting ADWR provisions. The Board makes this finding based on the comments received from USEPA and the Agency since the issuance of the August 5, 2010 proposal and on Section 7.2(a) of the Act (*see* 415 ILCS 5/7.2(a) (2008)). The drinking water rules that the Board adopts today therefore do not include the ADWR.

The ADWR is an NPDWR as Contemplated by the Identical-in-Substance Mandate.

In the opinion that accompanied the August 5, 2010 proposal for public comment, the Board stated that incorporation of the new ADWR into the Illinois drinking water regulations was necessary to ensure State compliance with the federal SDWA requirements. *See* SDWA Update, USEPA Amendments (January 1, 2009 through June 30, 2009), R10-1; SDWA Update, USEPA Amendments (July 1, 2009 through December 31, 2009), R10-17; and SDWA Update, USEPA Amendments (January 1, 2010 through June 30, 2010), R11-6 (August 5, 2010) (consolidated) at p. 9. This statement was based on USEPA’s observation in segments of text quoted by the Board that the ADWR is an NPDWR. *See id.* at pp. 8-9.

Section 17.5 of the Act requires the Board to adopt drinking water regulations as follows:

In accordance with Section 7.2, the Board shall adopt regulations which are “identical in substance” to federal regulations or amendments thereto promulgated by the Administrator of the United States Environmental Protection Agency to implement Sections 1412(b), 1414(c), 1417(a), and 1445(a) of the Safe Drinking Water Act (P.L. 93-523), as amended [(42 U.S.C. §§ 300g-1(b), 300g-3(c), 300g-6(a), and 300j-4(a) (2007))]. 415 ILCS 5/17.5 (2008).

In the *Federal Register* preamble discussion, USEPA cited the following authority for adoption of the ADWR:

EPA is finalizing this regulation under the authority of the Safe Drinking Water Act (SDWA), as amended, 42 U.S.C. §§ 300f *et seq.*, primarily sections 1401, 1411, 1412 and 1450 [(42 U.S.C. §§ 300f, 300g, 300g-1, and 300j-9 (2007))]. 74 Fed. Reg. 53590, 91 (Oct. 19, 2009).

Section 1412 of SDWA (42 U.S.C. § 300g-1 (2007)), referenced in Section 17.5 of the Act and in USEPA's *Federal Register* discussion, is the authorization for USEPA to adopt the NPDWRs. Thus, USEPA adopted the ADWR as an NPDWR, which falls within the scope of the Board identical-in-substance mandate under Section 17.5 of the Act (415 ILCS 5/17.5 (2008)).

The Comments Received Show That (1) USEPA Will Not Require Illinois to Adopt ADWR Requirements, and (2) USEPA Will Itself Implement the ADWR in Illinois. The Board requested comments from the Agency, the Department of Public Health, and USEPA on the proposed Illinois ADWR provisions. *See SDWA Update, USEPA Amendments (January 1, 2009 through June 30, 2009)*, R10-1; *SDWA Update, USEPA Amendments (July 1, 2009 through December 31, 2009)*, R10-17; and *SDWA Update, USEPA Amendments (January 1, 2010 through June 30, 2010)*, R11-6 (August 5, 2010) (consolidated) at pp. 14-15. In response, USEPA and the Agency each commented that the Board should not adopt ADWR-based rules into the Illinois regulations.

The conversation between Board staff and USEPA Region 5 staff memorialized in PC 2 indicated that USEPA may not view the ADWR as an essential element of a state's SDWA program. PC 2 at p. 2. USEPA Region 5 then stated more definitively in PC 3 that "Illinois does not have to adopt the ADWR because it is not required for drinking water primacy." PC 3 at p. 1. USEPA Region 5 offered further clarification in PC 4:

While the [ADWR] was developed under the authority of [SDWA], including Section 1412, it is a regulation that is appropriate only in a USEPA-administered program. Region 5 has been directly involved with the development of the ADWR since the very beginning[,] and I can assure you that the provisions/requirements were developed with the intent that they would be implemented by USEPA and not by the States. PC 4 at p. 1.

In PC 5, the Agency raised the same points. The Agency first stated, "The Illinois EPA is not required to adopt the ADWR, since it is not required for drinking water primacy." The Agency then noted, "This rule will be administered and implemented by USEPA, not the Illinois EPA." PC 5.

That USEPA did not contemplate implementation of the ADWR by states is now clear. USEPA's comments in PC 4 removed any potential ambiguity on this matter from the *Federal Register* notice accompanying the adoption of the ADWR.

The ADWR Is Outside the Scope of the Board’s Identical-in-Substance Rulemaking Mandate. The ADWR is an NPDWR, as such is included within the scope of the mandate recited in Section 17.5 of the Act (415 ILCS 5/17.5 (2008)). USEPA’s comments, however, have clarified that no state should implement the ADWR. PC 4 at p. 1. To withdraw the Board’s proposed addition of the ADWR requirements, the Board must determine that the ADWR provisions are outside the scope of the Board’s identical-in-substance mandate.

Section 7.2(a) of the Act (415 ILCS 5/7.2(a) (2008)) is the general provision for identical-in-substance rulemaking. The mandate of Section 17.5 is conditioned upon compliance with Section 7.2(a). *See* 415 ILCS 5/17.5 (2008) (“In accordance with Section 7.2, the Board shall adopt regulations which are ‘identical in substance to federal regulations . . .’”). Section 7.2(a) defines the procedure for and imposes limitations on identical-in-substance rulemaking. Section 7.2(a) contemplates that the Board should not adopt every regulation adopted by USEPA, though within the scope of a given identical-in-substance mandate. Section 7.2(a) specifically limits the scope of the Board’s identical-in-substance authority in pertinent part as follows:

(a) In the context of a mandate that the Board adopt regulations to secure federal authorization for a program, regulations that are “identical in substance” means State regulations which require the same actions with respect to protection of the environment, by the same group of affected persons, as would federal regulations if USEPA administered the subject program in Illinois. After consideration of comments from the USEPA, the Agency, the Attorney General and the public, the Board shall adopt . . . such USEPA regulations as are necessary and appropriate for authorization of the program. In adopting “identical in substance” regulations, the only changes that may be made by the Board to the federal regulations are those changes that are necessary for compliance with the Illinois Administrative Code, and technical changes that in no way change the scope or meaning of any portion of the regulations, except as follows:

(1) The Board shall not adopt the equivalent of USEPA rules that are not applicable to persons or facilities in Illinois, that govern the program authorization process, that are appropriate only in USEPA-administered programs, or that govern actions to be taken by USEPA, other federal agencies or other states. 415 ILCS 5/7.2(a) and (a)(1) (2008) (emphasis added).

Accordingly, Section 7.2(a) limits the Board to adopting “such USEPA regulations as are necessary and appropriate for authorization of the program.” Section 7.2(a) further prohibits adoption of “the equivalent of USEPA rules . . . that are appropriate only in USEPA-administered programs.” 415 ILCS 5/7.2(a)(1) (2008). The ADWR exceeds the scope of what section 7.2(a) allows on both points.

The comments received state that the ADWR is not necessary for authorization of the Illinois drinking water program. The comments further provide that USEPA will itself administer the ADWR provisions. Based on this record, the Board finds that section 7.2(a) of the

Act unambiguously places the ADWR provisions outside the scope of the identical-in-substance mandate of Section 17.5 of the Act (415 ILCS 5./17.5 (2008)).

The Adopted Rules Do Not Include the ADWR. The rules that the Board is now adopting include no elements of the ADWR. This means that the Board has not adopted any of the text of proposed Subpart AA to 35 Ill. Adm. Code 611 or the proposed incorporation of 21 C.F.R. 333 (2009) by reference in Section 611.102(c). The table of contents for 35 Ill. Adm. Code 611, accordingly, does not include any of the proposed section numbers and titles for ADWR provisions.

The Board has, however, adopted the proposed clarifying amendments to the definitions of “Agency” and “Public Health” in Section 611.101. Although consideration of the federal ADWR provisions prompted these clarifying amendments, the Board did not derive them from the ADWR. These clarifying amendments arose from consideration of the relative roles of the Agency and Public Health and the function of the Board’s regulations in implementation of the federally derived NPDWRs in Illinois. The need for the clarifying amendments remains notwithstanding the fact that the Board is not adopting the ADWR.

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 has updated 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, 2010 edition for USEPA regulations (Title 40). Thus, the Board has updated all citations to Title 40 to the 2010 edition of the *Code of Federal Regulations*, adding references to later amendments using their appropriate *Federal Register* citation, where necessary. The present amendments further include citations to FAA (Title 14) and FDA (Title 21) regulations. The latest versions of these regulations is currently available in the 2010 edition. The Board has used the 2010 editions in the limited citations to those regulations.

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.”

JCAR 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), Resource Conservation and Recovery Act (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 (beginning on page 13 of this opinion) sets forth the miscellaneous deviations from the federal text, and Table 2 (beginning on page 35 of this opinion) itemizes the corrections to the pre-amended base text of the rules in detail. No discussion of most of the deviations and revisions appears elsewhere in this opinion further than these summary listings of changes in the text.

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 Amendments (January 1, 2007 through June 30, 2007 and June 3, 2008), R08-7 and SDWA Update, USEPA Amendments (July 1, 2007 through December 31, 2007), R08-13 (consolidated) (Dec. 18, 2008).

The Board will not discuss the bulk of the particular corrective amendments in this segment of this discussion. The corrections are itemized in the Table 2, which begins on page 35 of this opinion. The Board requests that the Agency, JCAR, and the regulated community review the table and the text of the corrections. The Board requests comment on the corrections. The Board also 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. The Board requests that interested persons submit suggestions for the correction of any errors of which they become aware. The Board will either include the corrections in this docket or catalog them for future revisions if the suggestions relate to segments of the text that are not already involved in this proceeding.

Tabulation of Miscellaneous Housekeeping Amendments

The tables below list numerous corrections and amendments that are not based on current federal amendments. The Table 1 includes deviations made in this Proposal for Public Comment from the verbatim text of the federal amendments. The Table 2 (which begins on page 35 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 5 of this opinion. Table 3 (beginning on page 94 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 5, 2010.¹ Table 3 indicates the changes made, as well as the source that suggested each of the changes. Table 4 (on page 101 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.

¹ The August 19, 2010 supplemental opinion requested comments on a single aspect of the proposed ADWR amendments. That supplemental opinion did not include proposed revisions to the rules. *See supra* note 1, on page 2 of this opinion.

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

Illinois Section	40 C.F.R. Section	Revision(s)
611.102(a) "USEPA Organic Methods"	141.24(e)(1) table/ [141.24(e)(1)]	Removed the citation to Method 549.1 because, although USEPA has retained the incorporation of the method by reference, USEPA has not cited the method for use, in favor of newer version, Method 549.2
611.102(a) "Method ME355.01"	141.23(k)(1)/ Appendix A to Subpart C of 141 & note 7	Corrected the document title "Determination of Cyanide in Drinking Water by GC/MS Headspace" to "Determination of Cyanide in Drinking Water by GC/MS Headspace Analysis"
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 9223 B-97"	141.402(c)(2)/ Appendix A to Subpart C of 141 & note 3	Cited to Standard Methods, 21st ed., rather than to Standard Methods Online, where the method appears in the printed volume
611.102(b) "NTIS," "USEPA Organic Methods"	141.24(e)(1) table/ [141.24(e)(1)]	Removed the citation to Method 549.1 because, although USEPA has retained the incorporation of the method by reference, USEPA has not cited the method for use, in favor of newer version, Method 549.2
611.102(b) "Systea Scientific LLC," "Systea Easy (1-Reagent)"	141.23(k)(1)/ Appendix A to Subpart C of 141, note 8	Changed the period to a comma after the short-form method name "Systea Easy (1-Reagent)"; added the parenthetical "referenced in Section 611.611" offset by a comma; added the statement of alternative availability "See also NEMI."
611.102(b) "SWAN Analytische Instrumente AG," "AMI Turbiwell Method"	141.74(a)(1)/Appendix A to Subpart C of 141 & note 15	Added the parenthetical "referenced in Section 611.526" offset by a comma; added the statement of alternative availability
611.102(b) "Thermo Scientific"	141.74(a)(1)/Appendix A to Subpart C of 141, note 12	Added parentheses to the Internet address "www.thermo.com"
611.102(b) "Thermo Scientific," "Orion Method AQ4500"	141.74(a)(1)/Appendix A to Subpart C of 141, note 12	Changed "May 8, 2009" to "may 2009"; added "referenced in Section 611.531"; added the statement of alternative availability "See NEMI."

611.102(a) "USDOE, EML," "EML Procedures Manual (28th ed.)"	141.25(b)(2)	Added the 28th edition as an alternative to the 27th edition in place of the 1973 edition, since the 1973 version is difficult to locate; the HASL-300 reference is used for unspecified and unregulated radionuclides, rather than for NPDWR compliance; and USEPA has endorsed use of the 27th and 28th editions for regulated radionuclides in 40 C.F.R. 141.25(a) table and note 8
611.102(b) "USEPA, EMSL," "USEPA Organic Methods"	141.24(e)(1) table/ [141.24(e)(1)]	Removed the citation to Method 549.1 because, although USEPA has retained the incorporation of the method by reference, USEPA has not cited the method for use, in favor of newer version, Method 549.2
611.102(b) "USEPA, NSCEP"	141.74(a)	Added "NSCEP." as the listing heading; "added "United States . . . Agency" before "National Service . . . Publications"; removed the parenthetical abbreviation "(NSCEP)"; added "accessible on-line . . . from" before "http://www.epa.gov/nscep/" and placed the text in parentheses
611.102(b) "USEPA, NSCEP," "Dioxin and Furan Method 1613"	141.24(e)(1) table/ [141.24(e)(1)]	Cited the method as available from NSCEP although USEPA does not cite this source for the method
611.102(b) "USEPA, NSCEP," "USEPA Asbestos Method 100.1"	141.23(k)(1) table & [note 9]	Cited the method as available from NSCEP although USEPA does not cite this source for the method
611.102(b) "USEPA, NSCEP," "USEPA Asbestos Method 100.2"	141.23(k)(1) table & [note 10]	Cited the method as available from NSCEP although USEPA does not cite this source for the method
611.102(b) "USEPA, NSCEP," "USEPA Environmental Inorganic Methods"	141.74(a)(1) table & [note 9]	Cited the method as available from NSCEP although USEPA does not cite this source for the method
611.102(b) "USEPA, NSCEP," "USEPA Environmental Metals Methods"	141.23(k)(1) table & [note 2] 143.4(b) table/ [App. C, Subpart C table & note 2]	Cited the method as available from NSCEP although USEPA does not cite this source for the method
611.102(b) "USEPA, NSCEP," "USEPA Inorganic Methods"	141.23(k)(1) table & [note 1]	Cited the method as available from NSCEP although USEPA does not cite this source for the method

611.102(b) "USEPA, NSCEP," "USEPA OGWDW Methods, Method 302.0"	(141.131(b)(1) table)/ App. C, Subpart C table & [note 18]	Cited the method as available from NSCEP although USEPA does not cite this source for the method
611.102(b) "USEPA, NSCEP," "USEPA OGWDW Methods, Method 317.0, rev. 2.0"	141.131(b)(1) table, 141.131(d)(2)/ [141.131(a)(2)]	Cited the method as available from NSCEP although USEPA does not cite this source for the method
611.102(b) "USEPA, NSCEP," "USEPA OGWDW Methods, Method 326.0, rev. 1.0"	141.131(b)(1) table, 141.131(d)(2)/ [141.131(a)(2)]	Cited the method as available from NSCEP although USEPA does not cite this source for the method
611.102(b) "USEPA, NSCEP," "USEPA OGWDW Methods, Method 327.0, rev. 1.1"	141.131(b)(1) table, 141.131(c)(1) table/ [141.131(a)(2)]	Cited the method as available from NSCEP although USEPA does not cite this source for the method
611.102(b) "USEPA, NSCEP," "USEPA OGWDW Methods, Method 334.0"	(141.131(b)(1) table)// App. C, Subpart C table & [note 16] (141.74(a)(2))/ App. C, Subpart C table & [note 16]	Cited the method as available from NSCEP although USEPA does not cite this source for the method
611.102(b) "USEPA, NSCEP," "USEPA OGWDW Methods, Method 531.2, rev. 1.0"	141.24(e)(1) table/ [141.24(e)(1)]	Cited the method as available from NSCEP although USEPA does not cite this source for the method
611.102(b) "USEPA, NSCEP," "USEPA OGWDW Methods, Method 552.3, rev. 1.0"	141.131(b)(1) table/ [141.131(a)(2)] 141.24(e)(1) table/ [141.24(e)(1)]	Cited the method as available from NSCEP although USEPA does not cite this source for the method
611.102(b) "USEPA, NSCEP," "USEPA OGWDW Methods, Method 557"	(141.24(e)(1) table)/ App. C, Subpart C table & [note 14] (141.131(b)(1) table)/ App. C, Subpart C table & [note 14]	Cited the method as available from NSCEP although USEPA does not cite this source for the method
611.102(b) "USEPA, NSCEP," "USEPA OGWDW Methods, Method 1622 (01)"	141.707(c)(1)(iv)	Cited the method as available from NSCEP although USEPA does not cite this source for the method

611.102(b) "USEPA, NSCEP," "USEPA Organic Methods"	141.24(e)(1) table/ [141.24(e)(1)]	Removed the citation to Method 549.1 because, although USEPA has retained the incorporation of the method by reference, USEPA has not cited the method for use, in favor of newer version, Method 549.2
611.102(b) "USEPA, NSCEP," "Technical Notes on Drinking Water Methods"	141.74(a)	Added quotation marks to the document title; added the parenthetical "(referred to as 'USEPA Technical Notes')"; added the parenthetical "referenced in . . . 611.685" offset by a comma
611.102(b) "USEPA, NSCEP," "Technical Notes on Drinking Water Methods"	141.74(a)	Added the short-form reference title "USEPA Technical Notes" before the full title, "Technical Notes on Drinking Water Methods"; added "referenced in Sections 611.531, 611.611, and 611.645" as a parenthetical offset by a comma; added the statement of alternative availability from NTIS; added the explanation of USEPA's comments on this document that has appeared attached to the listing of this document under "NTIS"
611.102(b) "USEPA, NSCEP," "Technical Notes on Drinking Water Methods" Board note	141.74(a)	Added the explanation of USEPA's comments on this document that has appeared attached to the listing of this document under "NTIS"
611.102(b) "USEPA, NSCEP" Board note	141.74(a)	Added explanation of the alternative availability of many document from NTIS
611.102(b) "USEPA, OGWDW," "USEPA OGWDW Methods, Method 302.0"	(141.131(b)(1) table)/ App. C, Subpart C table & [note 18]	Changed the short-form name for the method "EPA Method 302.1" to "USEPA OGWDW Methods, Method 302.0"; added "referenced in Section 611.381" as a parenthetical offset by a comma; added the statement of alternative availability "See also USEPA, NSCEP."; moved the internet address to the source heading "USEPA, OGWDW"

611.102(b) "USEPA, OGWDW," "USEPA OGWDW Methods, Method 334.0"	(141.74(a))/ App. C, Subpart C table & [note 16] (141.131(b)(1) table)/ App. C, Subpart C table & [note 16]	Changed the short-form name for the method "EPA Method 302.1" to "USEPA OGWDW Methods, Method 302.0"; added "referenced in Section 611.381" as a parenthetical offset by a comma; added the statement of alternative availability "See also USEPA, NSCEP."; moved the internet address to the source heading "USEPA, OGWDW"
611.102(b) "USEPA, OGWDW," "USEPA OGWDW Methods, Method 524.3"	(141.74(a))/ App. C, Subpart C table & [note 16] (141.131(b)(1) table)/ App. C, Subpart C table & [note 16]	Changed the short-form name for the method "EPA Method 524.3, Version 1.0" to "USEPA OGWDW Methods, Method 524.3, rev. 1.0"; added "referenced in Section 611.381" as a parenthetical offset by a comma; added the statement of alternative availability "See also USEPA, NSCEP."; moved the internet address to the source heading "USEPA, OGWDW"
611.102(b) "USEPA, OGWDW," "USEPA OGWDW Methods, Method 557"	(141.74(a))/ App. C, Subpart C table & [note 16] (141.131(b)(1) table)/ App. C, Subpart C table & [note 16]	Changed the short-form name for the method "EPA Method 557" to "USEPA OGWDW Methods, Method 557"; added "referenced in Sections 611.381 and 611.645" as a parenthetical offset by a comma; added the statement of alternative availability "See also USEPA, NSCEP."; moved the internet address to the source heading "USEPA, OGWDW"
611.102(b) "USEPA, ORD," "USEPA NERL Method 415.3, rev. 1.2"	(141.23(l) table)/ App. C, Subpart C table & [note 19]	Changed the short-form name for the method "EPA Method 415.3, Revision 1.2" to "USEPA NERL Method 415.3, rev. 1.2"; added "referenced in Section 611.381" as a parenthetical offset by a comma; moved the internet address to the source heading "USEPA, ORD"
611.102(b) "USEPA, ORD," "USEPA NERL Method 549.2, rev. 1.0"	141.24(e)(1) table/ [141.24(e)(1)]	Added the previously omitted updated version of the method
611.102(c) "21 CFR 333"	141.803(d)(3)	Added incorporation by reference for the cited Food and Drug and Administration regulation

611.381(b)(1)	141.131(b)(1) preamble	Omitted “or one of the alternative methods listed in Appendix A to subpart C of this part” as unnecessary because the Illinois regulations include the alternative methods together with the USEPA-approved methods
611.381(b)(1)(A)(iv)	(141.131(b)(1) table)/ App. C, Subpart C table & [note 16]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; added the method description “by purge and trap . . . spectrometry”; changed “524.3” and the full method title in the note to the Board’s short-form method title “USEPA OGWDW Methods, Method 524.3 (rev. 1.0)”
611.381(b)(1)(A) Board note	(141.131(b)(1) table)/ App. C, Subpart C table & [note 16]	Added explanation of USEPA’s addition of USEPA OGWDW Methods, Method 524.3 (rev. 1.0) as an approved alternative method, adding the <i>Federal Register</i> citation to the approval
611.381(b)(1)(B)(iv)	(141.131(b)(1) table)/ App. C, Subpart C table & [note 14]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; added the method description “by ion chromatography . . . mass spectrometry”; changed “557” and the full method title in the note to the Board’s short-form method title “USEPA OGWDW Methods, Method 557”
611.381(b)(1)(B) Board note	(141.131(b)(1) table)/ App. C, Subpart C table & [note 16]	Added explanation of USEPA’s addition of USEPA OGWDW Methods, Method 557 as an approved alternative method, adding the <i>Federal Register</i> citation to the approval
611.381(b)(1)(C)(iv)	(141.131(b)(1) table)/ App. C, Subpart C table & [note 18]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; added the method description “by two-dimensional ion chromatography”; changed “302.0” and the full method title in the note to the Board’s short-form method title “USEPA OGWDW Methods, Method 302.0”

611.381(b)(1)(C)(v)	(141.131(b)(1) table)/ App. C, Subpart C table & [note 16]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; added the method description “by ion chromatography . . . mass spectrometry”; changed “557” and the full method title in the note to the Board’s short-form method title “USEPA OGWDW Methods, Method 557”
611.381(b)(1)(C)(vi)	(141.131(b)(1) table)/ App. C, Subpart C table & [note 4]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; added the method description “by chemically suppressed chromatography”; changed “D6581-08 A” and the method source in the note to the Board’s short-form method title “ASTM Method D6581-08 A”
611.381(b)(1)(C)(vii)	(141.131(b)(1) table)/ App. C, Subpart C table & [note 4]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; added the method description “by electronically suppressed chromatography”; changed “D6581-08 B” and the method source in the note to the Board’s short-form method title “ASTM Method D6581-08 B”
611.381(b)(1)(C) Board note	(141.131(b)(1) table)/ App. C, Subpart C table & [note 4]	Added explanation of USEPA’s addition of ASTM Methods D6581-08 A and B as approved alternative methods, adding the <i>Federal Register</i> citation to the approval
611.381(b)(1)(D)(iv)	(141.131(b)(1) table)/ App. C, Subpart C table & [note 4]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; added the method description “by chemically suppressed chromatography”; changed “D6581-08 A” and the method source in the note to the Board’s short-form method title “ASTM Method D6581-08 A”
611.381(b)(1)(D)(v)	(141.131(b)(1) table)/ App. C, Subpart C table & [note 4]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; added the method description “by chemically suppressed chromatography”; changed “D6581-08 B” and the method source in the note to the Board’s short-form method title “ASTM Method D6581-08 A”

611.381(b)(1)(D) Board note	(141.131(b)(1) table)/ App. C, Subpart C table & [note 4]	Added explanation of USEPA's addition of ASTM Methods D6581-08 A and B as approved alternative methods, adding the <i>Federal Register</i> citation to the approval
611.381(c)(1)	141.131(c)(1) preamble	Omitted "or one of the alternative methods listed in Appendix A to subpart C of this part" as unnecessary because the Illinois regulations include the alternative methods together with the USEPA-approved methods
611.381(c)(1)(A)(i)	(141.131(c)(1) table)/ App. C, Subpart C table & [note 4]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking
611.381(c)(1)(A)(v)	(141.131(c)(1) table)/ App. C, Subpart C table & [note 17]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; changed the method description to lower-case "amperometric sensor"; changed "ChloroSense" to "Palintest ChloroSense"
611.381(c)(1)(A)(vi)	(141.131(c)(1) table)/ App. C, Subpart C table & [note 16]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; changed the method description to lower-case "on-line chlorine analyzer"; changed "EPA 334.0" and the method source in the note to the Board's short-form method title "USEPA OGWDW Methods, Method 334.0"
611.381(c)(1)(A) Board note	(141.131(c)(1) table)/ App. C, Subpart C table & [notes 16 & 17]	Added explanation of USEPA's addition of ASTM D1253-08, Palintest ChloroSense, and USEPA OGWDW Methods, Method 334.0 as approved alternative methods, adding the <i>Federal Register</i> citation to the approval
611.381(c)(1)(B)(i)	(141.131(c)(1) table)/ App. C, Subpart C table & [note 4]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking
611.381(c)(1)(B) Board note	(141.131(c)(1) table)/ App. C, Subpart C table & [note 4]	Added explanation of USEPA's addition of ASTM D1253-08 as an approved alternative method, adding the <i>Federal Register</i> citation to the approval
611.381(c)(1)(C)(i)	(141.131(c)(1) table)/ App. C, Subpart C table & [note 4]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking

611.381(c)(1)(C)(vi)	(141.131(c)(1) table)/ App. C, Subpart C table & [note 17]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; changed the method description to lower-case “amperometric sensor”; changed “ChloroSense” to “Palintest ChloroSense”
611.381(c)(1)(C)(vii)	(141.131(c)(1) table)/ App. C, Subpart C table & [note 16]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; changed the method description to lower-case “on-line chlorine analyzer”; changed “EPA 334.0” and the method source in the note to the Board’s short-form method title “USEPA OGWDW Methods, Method 334.0”
611.381(c)(1)(C) Board note	(141.131(c)(1) table)/ App. C, Subpart C table & [notes 16 & 17]	Added explanation of USEPA’s addition of ASTM D1253-08, Palintest ChloroSense, and USEPA OGWDW Methods, Method 334.0 as approved alternative methods, adding the <i>Federal Register</i> citation to the approval
611.381(d)	141.131(d) preamble	Omitted “or one of the alternative methods listed in Appendix A to subpart C of this part” as unnecessary because the Illinois regulations include the alternative methods together with the USEPA-approved methods
611.381(d)(3)(A)(ii)	141.131(d)(3)/ App. C, Subpart C table & [note 19]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; changed “EPA 415.3, Rev. 1.2” and the method source in the note to the Board’s short-form method title “USEPA NERL Method 415.3 (rev. 1.2)”
611.381(d)(3)(B)(ii)	141.(d)(3)/ App. C, Subpart C table & [note 19]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; changed “EPA 415.3, Rev. 1.2” and the method source in the note to the Board’s short-form method title “USEPA NERL Method 415.3 (rev. 1.2)”

611.381(d)(3)(C)(ii)	141.(d)(3)/ App. C, Subpart C table & [note 19]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; changed “EPA 415.3, Rev. 1.2” and the method source in the note to the Board’s short-form method title “USEPA NERL Method 415.3 (rev. 1.2)”
611.381(d)(3)(D)	141.(d)(3)/ App. C, Subpart C table & [note 19]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; changed “EPA 415.3, Rev. 1.2” and the method source in the note to the Board’s short-form method title “USEPA NERL Method . . . 415.3 (rev. 1.2)”
611.381(d)(3) Board note	(141.131(d)(3))/ App. C, Subpart C table & [notes 16 & 17]	Added explanation of USEPA’s addition of USEPA NERL Method 415.3 (rev. 1.2) as an approved alternative method adding the <i>Federal Register</i> citation to the approval
611.381(d)(4)(A)(i)	141.(d)(4)/ App. C, Subpart C table & [note 19]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; changed “EPA 415.3, Rev. 1.2” and the method source in the note to the Board’s short-form method title “USEPA NERL Method . . . 415.3 (rev. 1.2)”
611.381(d)(4)(A)(ii)	141.(d)(4)/ App. C, Subpart C table & [note 19]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; changed “EPA 415.3, Rev. 1.2” and the method source in the note to the Board’s short-form method title “USEPA NERL Method . . . 415.3 (rev. 1.2)”
611.381(d)(4)(A)(iii)	141.(d)(4)/ App. C, Subpart C table & [note 19]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; changed “EPA 415.3, Rev. 1.2” and the method source in the note to the Board’s short-form method title “USEPA NERL Method . . . 415.3 (rev. 1.2)”
611.381(d)(4)(A) Board note	(141.131(d)(4))/ App. C, Subpart C table & [notes 16 & 17]	Added explanation of USEPA’s addition of USEPA NERL Method 415.3 (rev. 1.2) as an approved alternative method adding the <i>Federal Register</i> citation to the approval

611.381(d)(4)(B)	141.131(d)(4)/ App. C, Subpart C table & [note 19]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; changed “EPA 415.3, Rev. 1.2” and the method source in the note to the Board’s short-form method title “USEPA NERL Method . . . 415.3 (rev. 1.2)”
611.381(d)(4)(B) Board note	(141.131(d)(4))/ App. C, Subpart C table & [note 19]	Added explanation of USEPA’s addition of USEPA NERL Method 415.3 (rev. 1.2) as an approved alternative method adding the <i>Federal Register</i> citation to the approval
611.381(b)(3)(B)(ii)	141.131(b)(3)(ii)(B)	Changed the references to the approved alternative methods in the text from “EPA 302.0” and “EPA 557” to “USEPA OGWDW . . . Methods, Method 302.0, . . . or Method 557” (twice)
611.526(c)	141.21(f)(3)	Omitted “or one of the alternative methods listed in Appendix A to subpart C of this part” as unnecessary because the Illinois regulations include the alternative methods together with the USEPA-approved methods
611.526(c)(11)	141.21(f)(3) table/ App. C, Subpart C table & [note 13]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; changed “Modified Colitag™” and the method source in the note to the Board’s short-form method title “Modified Colitag™ Method”
611.526(c) Board note	141.21(f)(3) table/ App. C, Subpart C table & [note 13]	Added explanation of USEPA’s addition of Modified Colitag™ Method as an approved alternative method adding the <i>Federal Register</i> citation to the approval
611.526(f)	141.21(f)(6)	Omitted “or one of the alternative methods listed in Appendix A to subpart C of this part” as unnecessary because the Illinois regulations include the alternative methods together with the USEPA-approved methods

611.526(f)(11)	141.21(f)(3) table/ App. C, Subpart C table & [notes 1, 3 & 6]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; changed “SM 20th edition . . . SM 21st edition . . . 9223 B” to the Board’s short-form method title “Standard Methods, 20th or 21st ed., Method 9223 B”; omitted “SM online . . . 9223 B-97,” since the same version appears in Standard Methods, 21st ed.
611.526(f)(12)	141.21(f)(3) table/ App. C, Subpart C table & [note 13]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; changed “Modified Colitag™” and the method source in the note to the Board’s short-form method title “Modified Colitag™ Method”
611.526(f) Board note	(141.21(f)(3) table)/ App. C, Subpart C table & [notes 1, 3, 6 & 13]	Added explanation of USEPA’s addition of Modified Colitag™ Method as an approved alternative method for <i>E. coli</i> , adding the <i>Federal Register</i> citation to the approval
611.531(a)(2)	141.74(a)(1)	Omitted “or one of the alternative methods listed in Appendix A to subpart C of this part” as unnecessary because the Illinois regulations include the alternative methods together with the USEPA-approved methods
611.531(a)(2)(D)(iv)	(141.74(a)(1) table)/ App. C, Subpart C table & [note 10]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; changed capitalized “Laser Nephelometry” to lower-case “laser nephelometry”; changed “Mitchell M5271” and the method source in the note to the Board’s short-form method title “Mitchell Method M5271”
611.531(a)(2)(D)(v)	(141.74(a)(1) table)/ App. C, Subpart C table & [notes 11 & 15]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; changed capitalized “LED Nephelometry” to lower-case “LED nephelometry”; changed “Mitchell M5331” and the method source in the note to the Board’s short-form method title “Mitchell Method M5331”; changed “AMI Turbiwell” to “AMI Turbiwell Method”

611.531(a)(2)(D)(vi)	(141.74(a)(1) table)/ App. C, Subpart C table & [note 12]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; changed capitalized “LED Nephelometry” to lower-case “LED nephelometry”; changed “Orion AQ4500” and the method source in the note to the Board’s short-form method title “Orion Method AQ4500”
611.531(a)(2)(D) Board Note	(141.74(a)(1) table)/ App. C, Subpart C table & [notes 10, 11, 12 & 15]	Added explanation of USEPA’s addition of Standard Methods, 21st ed., Method 9130 B, Mitchell Methods M5271 and M5331, Orion Method AQ4500, and AMI Turbiwell Methods as approved alternative methods adding the <i>Federal Register</i> citations to the approvals
611.531(b)	141.74(a)(2)	Omitted “or one of the alternative methods listed in Appendix A to subpart C of this part” as unnecessary because the Illinois regulations include the alternative methods together with the USEPA-approved methods
611.531(b)(1)(A)(ii)	(141.74(a)(2) table)/ App. C, Subpart C table & [note 4]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; changed “D 1253-08” to “ASTM Method D1253-08”
611.531(b)(1)(E)	(141.74(a)(2) table)/ App. C, Subpart C table & [note 16]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; changed capitalized “On-Line Chlorine Analyzer” to lower-case “on-line chlorine analyzer”; “334.0” to “USEPA OGWDW Methods, Method 334.0”
611.531(b)(1)(F)	(141.74(a)(2) table)/ App. C, Subpart C table & [note 17]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; changed capitalized “On-Line Chlorine Analyzer” to lower-case “on-line chlorine analyzer”; “334.0” to “USEPA OGWDW Methods, Method 334.0”

611.531(b)(1) Board Note	(141.74(a)(2) table)/ App. C, Subpart C table & [notes 16 & 17]	Added explanation of USEPA's addition of ASTM D1253-08, USEPA OGWDW Methods, Method 334.0, and Palintest ChloroSense as approved alternative methods for free chlorine adding the <i>Federal Register</i> citations to the approvals
611.531(b)(2)(A)(ii)	(141.74(a)(2) table)/ App. C, Subpart C table & [note 4]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; changed "D 1253-08" to "ASTM Method D1253-08"
611.531(b)(2)(F)	(141.74(a)(2) table)/ App. C, Subpart C table & [note 16]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; changed capitalized "On-Line Chlorine Analyzer" to lower-case "on-line chlorine analyzer"; "334.0" to "USEPA OGWDW Methods, Method 334.0"
611.531(b)(2)(G)	(141.74(a)(2) table)/ App. C, Subpart C table & [note 17]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; changed capitalized "On-Line Chlorine Analyzer" to lower-case "on-line chlorine analyzer"; "334.0" to "USEPA OGWDW Methods, Method 334.0"
611.531(b)(2) Board Note	(141.74(a)(2) table)/ App. C, Subpart C table & [notes 16 & 17]	Added explanation of USEPA's addition of ASTM D1253-08, USEPA OGWDW Methods, Method 334.0, and Palintest ChloroSense as approved alternative methods for total chlorine adding the <i>Federal Register</i> citations to the approvals
611.611(a)	141.21(k)(1)	Omitted the parenthetical "or the alternative methods listed in Appendix A to subpart C of this part" and its offsetting comma as unnecessary because the Illinois regulations include the alternative methods together with the USEPA-approved methods
611.611(a)(2)(B)	(141.23(k)(1) table)/ App. C, Subpart C table & [note 4]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; changed "D 3697-07" to "D3697-07"
611.611(a)(2) Board note	(141.23(k)(1) table)/ App. C, Subpart C table & [note 4]	Added explanation of USEPA's addition of ASTM Method D3697-07 as an approved alternative method for antimony adding the <i>Federal Register</i> citations to the approvals

611.611(a)(3)(C)(i)	(141.23(k)(1) table)/ App. C, Subpart C table & [note 4]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; changed “D 2972-08 C” to “D2972-08 C”
611.611(a)(3)(D)(i)	141.23(k)(1), table/ App. C, Subpart C table & [note 4]	Did not make the erroneous change in method number “2972-97, 03 B” to “1972-97, 03 B”; included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; changed “D 2972-08 C” to “D2972-08 C”
611.611(a)(3) Board note	(141.23(k)(1) table)/ App. C, Subpart C table & [note 4]	Added explanation of USEPA’s addition of ASTM Methods D2972-08 B and C as approved alternative methods for arsenic adding the <i>Federal Register</i> citations to the approvals
611.611(a)(6)(D)(i)	(141.23(k)(1) table)/ App. C, Subpart C table & [note 4]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; changed “D 3645-08 B” to “D3645-08 B”
611.611(a)(6) Board note	(141.23(k)(1) table)/ App. C, Subpart C table & [note 4]	Added explanation of USEPA’s addition of ASTM Method D3645-08 B as an approved alternative method for arsenic adding the <i>Federal Register</i> citations to the approvals
611.611(a)(8)(A)(i)	(141.23(k)(1) table)/ App. C, Subpart C table & [note 4]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; changed “D 511-09 A” to “D511-09 A”
611.611(a)(8)(B)(i)	(141.23(k)(1) table)/ App. C, Subpart C table & [note 4]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; changed “D 511-09 A” to “D511-09 A”
611.611(a)(8) Board note	(141.23(k)(1) table)/ App. C, Subpart C table & [note 4]	Added explanation of USEPA’s addition of ASTM Method D511-09 A as an approved alternative method for calcium adding the <i>Federal Register</i> citations to the approvals
611.611(a)(10)(A)(i)	(141.23(k)(1) table)/ App. C, Subpart C table & [note 4]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; changed “D 1688-07 C” to “D1688-07 C”
611.611(a)(10)(B)(i)	(141.23(k)(1) table)/ App. C, Subpart C table & [note 4]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; changed “D 1688-07 C” to “D1688-07 C”

611.611(a)(10) Board note	(141.23(k)(1) table)/ App. C, Subpart C table & [note 4]	Added explanation of USEPA's addition of ASTM Method D1688-07 A as an approved alternative method for copper adding the <i>Federal Register</i> citations to the approvals
611.611(a)(12)(H)	(141.23(k)(1) table)/ App. C, Subpart C table & [note 7]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; changed "ME355.01" to "Method ME355.01"
611.611(a)(14)(A)(i)	(141.23(k)(1) table)/ App. C, Subpart C table & [note 4]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; changed "D 1688-07 C" to "D1688-07 C"
611.611(a)(14) Board note	(141.23(k)(1) table)/ App. C, Subpart C table & [note 4]	Added explanation of USEPA's addition of ASTM Method D3559-08 D as an approved alternative method for lead adding the <i>Federal Register</i> citations to the approvals
611.611(a)(15)(A)(i)	(141.23(k)(1) table)/ App. C, Subpart C table & [note 4]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; changed "D 511-09 A" to "D511-09 A"
611.611(a)(15)(B)(i)	(141.23(k)(1) table)/ App. C, Subpart C table & [note 4]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; changed "D 511-09 A" to "D511-09 A"
611.611(a)(15)(C)(i)	(141.23(k)(1) table)/ App. C, Subpart C table & [note 4]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; changed "D 511-09 A" to "D511-09 A"
611.611(a)(15) Board note	(141.23(k)(1) table)/ App. C, Subpart C table & [note 4]	Added explanation of USEPA's addition of ASTM Method D511-09 A as an approved alternative method for magnesium adding the <i>Federal Register</i> citations to the approvals
611.611(a)(18)(F)	(141.23(k)(1) table)/ App. C, Subpart C table & [note 8]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; changed the method description "reduction/colorimetric" to "reduction-colorimetric"
611.611(a)(18) Board note	(141.23(k)(1) table)/ App. C, Subpart C table & [note 8]	Added explanation of USEPA's addition of Systea Easy (1-Reagent) as an approved alternative method for nitrate adding the <i>Federal Register</i> citations to the approvals

611.611(a)(19)(F)	(141.23(k)(1) table)/ App. C, Subpart C table & [note 8]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; changed the method description “reduction/colorimetric” to “reduction-colorimetric”
611.611(a)(19) Board note	(141.23(k)(1) table)/ App. C, Subpart C table & [note 8]	Added explanation of USEPA’s addition of Systea Easy (1-Reagent) as an approved alternative method for nitrite adding the <i>Federal Register</i> citations to the approvals
611.611(a)(22)(D)(i)	(141.23(k)(1) table)/ App. C, Subpart C table & [note 4]	Included the approved alternative method in main listing together with the methods that USEPA approved by rulemaking; changed “D 3859-08 B” to “D3859-08 B”
611.611(a)(22) Board note	(141.23(k)(1) table)/ App. C, Subpart C table & [note 4]	Added explanation of USEPA’s addition of ASTM Method D3859-08 BA as an approved alternative method for selenium adding the <i>Federal Register</i> citations to the approvals
611.645 preamble	141.24(e)	Omitted the parenthetical “or the alternative methods listed in Appendix A to subpart C of this part” and its offsetting comma as unnecessary because the Illinois regulations include the alternative methods together with the USEPA-approved methods
611.645 benzene	(141.24(e)(1))/ App. C, Subpart C table & [note 9]	Changed “EPA Method 524.3” to “USEPA OGWDW Method 524.3 (rev. 1.0)”
611.645 carbon tetrachloride	(141.24(e)(1))/ App. C, Subpart C table & [note 9]	Changed “EPA Method 524.3” to “USEPA OGWDW Method 524.3 (rev. 1.0)”
611.645 chlorobenzene	(141.24(e)(1))/ App. C, Subpart C table & [note 9]	Changed “EPA Method 524.3” to “USEPA OGWDW Method 524.3 (rev. 1.0)”
611.645 1,2-dichlorobenzene	(141.24(e)(1))/ App. C, Subpart C table & [note 9]	Changed “EPA Method 524.3” to “USEPA OGWDW Method 524.3 (rev. 1.0)”
611.645 1,4-dichlorobenzene	(141.24(e)(1))/ App. C, Subpart C table & [note 9]	Changed “EPA Method 524.3” to “USEPA OGWDW Method 524.3 (rev. 1.0)”

611.645 1,2-dichloroethane	(141.24(e)(1))/ App. C, Subpart C table & [note 9]	Changed “EPA Method 524.3” to “USEPA OGWDW Method 524.3 (rev. 1.0)”
611.645 <i>cis</i> -dichloroethylene	(141.24(e)(1))/ App. C, Subpart C table & [note 9]	Changed “EPA Method 524.3” to “USEPA OGWDW Method 524.3 (rev. 1.0)”
611.645 <i>trans</i> -dichloroethylene	(141.24(e)(1))/ App. C, Subpart C table & [note 9]	Changed “EPA Method 524.3” to “USEPA OGWDW Method 524.3 (rev. 1.0)”
611.645 dichloromethane	(141.24(e)(1))/ App. C, Subpart C table & [note 9]	Changed “EPA Method 524.3” to “USEPA OGWDW Method 524.3 (rev. 1.0)”
611.645 1,2-dichloropropane	(141.24(e)(1))/ App. C, Subpart C table & [note 9]	Changed “EPA Method 524.3” to “USEPA OGWDW Method 524.3 (rev. 1.0)”
611.645 ethylbenzene	(141.24(e)(1))/ App. C, Subpart C table & [note 9]	Changed “EPA Method 524.3” to “USEPA OGWDW Method 524.3 (rev. 1.0)”
611.645 styrene	(141.24(e)(1))/ App. C, Subpart C table & [note 9]	Changed “EPA Method 524.3” to “USEPA OGWDW Method 524.3 (rev. 1.0)”
611.645 tetrachloroethylene	(141.24(e)(1))/ App. C, Subpart C table & [note 9]	Changed “EPA Method 524.3” to “USEPA OGWDW Method 524.3 (rev. 1.0)”
611.645 1,1,1-trichloroethane	(141.24(e)(1))/ App. C, Subpart C table & [note 9]	Changed “EPA Method 524.3” to “USEPA OGWDW Method 524.3 (rev. 1.0)”
611.645 trichloroethylene	(141.24(e)(1))/ App. C, Subpart C table & [note 9]	Changed “EPA Method 524.3” to “USEPA OGWDW Method 524.3 (rev. 1.0)”
611.645 toluene	(141.24(e)(1))/ App. C, Subpart C table & [note 9]	Changed “EPA Method 524.3” to “USEPA OGWDW Method 524.3 (rev. 1.0)”

611.645 1,2,4-trichlorobenzene	(141.24(e)(1))/ App. C, Subpart C table & [note 9]	Changed “EPA Method 524.3” to “USEPA OGWDW Method 524.3 (rev. 1.0)”
611.645 1,1-dichloroethylene	(141.24(e)(1))/ App. C, Subpart C table & [note 9]	Changed “EPA Method 524.3” to “USEPA OGWDW Method 524.3 (rev. 1.0)”
611.645 1,1,2-trichloroethane	(141.24(e)(1))/ App. C, Subpart C table & [note 9]	Changed “EPA Method 524.3” to “USEPA OGWDW Method 524.3 (rev. 1.0)”
611.645 vinyl chloride	(141.24(e)(1))/ App. C, Subpart C table & [note 9]	Changed “EPA Method 524.3” to “USEPA OGWDW Method 524.3 (rev. 1.0)”
611.645 xylenes (total)	(141.24(e)(1))/ App. C, Subpart C table & [note 9]	Changed “EPA Method 524.3” to “USEPA OGWDW Method 524.3 (rev. 1.0)”
611.645 dibromochloropropane (DBCP)	(141.24(e)(1))/ App. C, Subpart C table & [note 9]	Changed “EPA Method 524.3” to “USEPA OGWDW Method 524.3 (rev. 1.0)”
611.645 ethylene dibromide	(141.24(e)(1))/ App. C, Subpart C table & [note 9]	Omitted the erroneous change from “ethylene dibromide” to “ethyl dibromide”; changed “EPA Method 524.3” to “USEPA OGWDW Method 524.3 (rev. 1.0)”
611.645 volatile organic compounds Board note	141, subpart C, app. A re: VOCs	Added explanation of USEPA’s approval of USEPA OGWDW Methods, Method 524.3 (rev. 1.0) as an approved alternative method for VOCs
611.645 dalapon	141, subpart C, app. A re: 141.24(e)(1)	Included the approved alternative methods in main listing together with the methods that USEPA approved by rulemaking; changed “557” to “USEPA OGWDW Methods, Method 557”; omitted the reference to Standard Methods Online, since Method 6610 B-01 appears in the 21st edition volume
611.645 dibromochloropropane	141, subpart C, app. A re: 141.24(e)(1)	Included the approved alternative methods in main listing together with the methods that USEPA approved by rulemaking; changed “524.3” to “USEPA OGWDW Methods, Method 524.3 (rev. 1.0)”

611.645 ethylene dibromide	141, subpart C, app. A re: 141.24(e)(1)	Included the approved alternative methods in main listing together with the methods that USEPA approved by rulemaking; did not change “ethylene” to “ethyl” in the chemical name; changed “524.3” to “USEPA OGWDW Methods, Method 524.3 (rev. 1.0)”
611.645 synthetic organic compounds Board note	141, subpart C, app. A re: VOCs	Added explanation of USEPA’s approval of USEPA OGWDW Methods, Method 524.3 (rev. 1.0) as an approved alternative method for dibromochloropropane and ethylene dibromide; added explanation of USEPA’s addition of Standard Methods, 21st ed., Method 6640 B and Standard Methods Online, Method 6640 as approved alternative methods for dalapon; added explanation of the Board’s omission of a citation to Standard Methods Online, since the same version of Method 6640 B appears in Standard Methods, 21st edition
611.645 total trihalo- methanes	(141.24(e)(1))/ App. C, Subpart C tabl e & [note 9]	Changed “EPA Method 524.3” to “USEPA OGWDW Method 524.3 (rev. 1.0)”
611.645 total trihalo- methanes Board note	(141.24(e)(1))/ App. C, Subpart C tabl e & [note 9]	Added explanation of USEPA’s approval of USEPA OGWDW Methods, Method 524.3 (rev. 1.0) as an approved alternative method for total trihalomethanes
611.645	141.24(e), note 1	There was no need to remove note 1, since the Board did not retain the note after its June 1, 2001 lapse.
611.645	141.24(k)(2)	There was no need to remove subsection (k)(2), since the Board did not retain the text after its June 1, 2001 lapse.
611.720(a)	141.25(a) preamble	Omitted the parenthetical “or the alternative methods listed in Appendix A to subpart C of this part” and its offsetting comma as unnecessary because the Illinois regulations include the alternative methods together with the USEPA-approved methods
611.720(a)(3)(A)(i)	(141.25(a) table)/ App. C, Subpart C tabl e & [note 4]	Included the approved alternative methods in main listing together with the methods that USEPA approved by rulemaking; changed “D 2460-07” to “D2460-07”

611.720(a)(3)(A)(ii)	(141.25(a) table)/ App. C, Subpart C table & [note 4]	Included the approved alternative methods in main listing together with the methods that USEPA approved by rulemaking; changed “D 3454-05” to “D3454-05”
611.720(a)(3) Board note	(141.25(a) table)/ App. C, Subpart C table & [note 4]	Added explanation of USEPA’s approval of ASTM Method D5174-07 as an approved alternative method for radium-226
611.720(a)(5)(C)(iii)	(141.25(a) table)/ App. C, Subpart C table & [note 4]	Included the approved alternative methods in main listing together with the methods that USEPA approved by rulemaking; changed “D 5174-07” to “D5174-07”
611.720(a)(5) Board note	(141.25(a) table)/ App. C, Subpart C table & [note 4]	Added explanation of USEPA’s approval of ASTM Method D5174-07 as an approved alternative method for uranium
611.720(a)(6)(A)(ii)	(141.25(a) table)/ App. C, Subpart C table & [note 4]	Included the approved alternative methods in main listing together with the methods that USEPA approved by rulemaking; changed “D 3649-06” to “D3649-06”
611.720(a)(6) Board note	(141.25(a) table)/ App. C, Subpart C table & [note 4]	Added explanation of USEPA’s approval of ASTM Method D3649-06 as an approved alternative method for radioactive cesium
611.720(a)(7)(A)(i)	(141.25(a) table)/ App. C, Subpart C table & [note 4]	Included the approved alternative methods in main listing together with the methods that USEPA approved by rulemaking; changed “D 3649-06” to “D3649-06”
611.720(a)(7)(A)(ii)	(141.25(a) table)/ App. C, Subpart C table & [note 4]	Included the approved alternative methods in main listing together with the methods that USEPA approved by rulemaking; changed “D 4785-08” to “D4785-08”
611.720(a)(7) Board note	(141.25(a) table)/ App. C, Subpart C table & [note 4]	Added explanation of USEPA’s approval of ASTM Method D4785-08 as an approved alternative method for radioactive iodine
611.720(a)(9)(A)	(141.25(a) table)/ App. C, Subpart C table & [note 4]	Included the approved alternative methods in main listing together with the methods that USEPA approved by rulemaking; changed “D 4107-08” to “D4107-08”
611.720(a)(9) Board note	(141.25(a) table)/ App. C, Subpart C table & [note 4]	Added explanation of USEPA’s approval of ASTM Method D4107-08 as an approved alternative method for tritium
611.720(a)(10)(A)(i)	(141.25(a) table)/ App. C, Subpart C table & [note 4]	Included the approved alternative methods in main listing together with the methods that USEPA approved by rulemaking; changed “D 3649-06” to “D3649-06”

611.720(a)(10)(A)(ii)	(141.25(a) table)/ App. C, Subpart C table & [note 4]	Included the approved alternative methods in main listing together with the methods that USEPA approved by rulemaking; changed “D 4785-08” to “D4785-08”
611.720(a)(10) Board note	(141.25(a) table)/ App. C, Subpart C table & [note 4]	Added explanation of USEPA’s approval of ASTM Method D4107-08 as an approved alternative method for gamma emitters
611.720(b)(2)	141.25(b)(2)	Changed from incorporation of the 1973 edition of “HASL Procedure Manual” to the 27th or 18th edition of “EML Procedures Manual” for identification and measurement of radionuclides other than those for which USEPA has established an MCL and approved more specific analytical methods
611.802(c)(2)(A)(ix)	(141.402(c)(2) table)/ App. C, Subpart C table & [note 20]	Included the approved alternative methods in main listing together with the methods that USEPA approved by rulemaking; changed “Readycult®” to “Readycult® 2007”
611.802(c)(2)(A)(x)	(141.402(c)(2) table)/ App. C, Subpart C table & [note 13]	Included the approved alternative methods in main listing together with the methods that USEPA approved by rulemaking; changed “Modified Colitag™” to “Modified Colitag™ Method”
611.802(c)(2)(A)(xi)	(141.402(c)(2) table)/ App. C, Subpart C table & [note 21]	Included the approved alternative methods in main listing together with the methods that USEPA approved by rulemaking; changed “Chromocult®” to “Chromocult® Method”
611.802(c)(2)(A) Board note	(141.25(a) table)/ App. C, Subpart C table & [note 4]	Added explanation of USEPA’s approval of Readycult® 2007, Modified Colitag™ Method, and Chromocult® Method as approved alternative methods for <i>E. coli</i>

611.925(b)(15)	141.605(b), footnote 2	Changed plural “ground water systems” to singular “a groundwater system supplier”; changed “serving” to “that serves for a restrictive relative clause” changed “500-9,999” to “500 to 9,999 persons”; added “which is” before “on annual monitoring” to a subsequent restrictive relative clause; changed plural “all other systems” to singular “any other supplier”; added “that is” for a restrictive relative clause; changed plural “for systems serving” to “for a supplier that serves”
611.971(a)(2)(O)	141.621(a)(2) footnote 2	Changed plural “ground water systems” to singular “a groundwater system supplier”; changed “serving” to “that serves for a restrictive relative clause” changed “500-9,999” to “500 to 9,999 persons”; added “which is” before “on annual monitoring” to a subsequent restrictive relative clause; changed plural “all other systems” to singular “any other supplier”; added “that is” for a restrictive relative clause; changed plural “for systems serving” to “for a supplier that serves”
611.1004(a)	141.704(a)	Omitted the parenthetical “or the alternative methods listed in Appendix A to subpart C of this part” and its offsetting comma as unnecessary because the Illinois regulations include the alternative methods together with the USEPA-approved methods
611.1004(b)	141.704(b)	Omitted the parenthetical “or the alternative methods listed in Appendix A to subpart C of this part” and its offsetting comma as unnecessary because the Illinois regulations include the alternative methods together with the USEPA-approved methods

**Table2:
Board Housekeeping Amendments**

Section	Source	Revision(s)
611 source note	JCAR	Corrected “31 Ill. Reg. 31 Ill. Reg. 11757” to “31 Ill. Reg. 11757”
611.101 “Agency”	Board	Removed the introductory clause, “for the purposes of . . . this Part” and its offsetting comma; changed “the

		Department of Public Health” to the defined term “Public Health”; changed “where implementation . . . occurs” to “with regard to non-CWS suppliers”
611.101 “approved source of bottled water” Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available
611.101 “CT _{99,9} ” Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available
611.101 “40/30 certification” Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available
611.101 “groundwater system” Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available
611.101 “hydrogeologic sensitivity assessment” Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available
611.101 “inactivation ratio” Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available
611.101 “initial distribution system evaluation” Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available
611.101 “inorganic contaminants” Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available
611.101 “MFL” Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available
611.101 “mixed system” Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available
611.101 “non-transient, non-community water system”	Board	Added a comma after “non-transient”; added the alternative defined term “or ‘non-transient, non-CWS’”
611.101 “Public Health” Board note	Board	Removed the explanation of regulation of non-CWS suppliers by Public Health; replaced the introductory clause, “for the purposes of . . . this Part” and its offsetting comma with “see the definition of”; changed “must mean Public Health” to “in this Section”
611.101 “radioactive contaminants” Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available
611.101 “reliably and consistently” Board	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available

note		
611.101 “sanitary survey” Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available
611.101 “significant deficiency” Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available
611.101 “special irrigation district” Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available (twice)
611.101 “standard monitoring” Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available
611.101 “SWS” Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available
611.101 “system-specific study plan” Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available
611.101 “very small system waiver” Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available
611.101 “wellhead protection program” Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available
611.101 Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available
611.102(a) “AMI Turbiwell Method”	Board	Added the definition of the short form reference and statement of availability for the method
611.102(a) “EML Procedures Manual”	Board	Changed the old title “HASL Procedure Manual” to the current title “EML Procedures Manual” (twice); changed the former source name “ERDA Health and Safety Laboratory” to the abbreviated form of the current name “USDOE, EML”; moved the entry into the newly appropriate alphabetic order
611.102(a) “Chromocult® Method”	Board	Changed the old title “Membrane Filter Technique using Chromocult Doliform Agar” to the current title “Chromocult® Method”; added the registration mark to the trademarked name “Chromocult®” (twice); moved the entry into the newly appropriate alphabetic order
611.102(a) “Guidance Manual for Filtration and Disinfection”	Board	Added the definition of the short form reference and statement of availability for the document
611.102(a) “Kelada 01”	Board	Removed the date “August 2001” and its offsetting comma; removed the USEPA document number “EPA 821/B-01/009” and its offsetting comma; changed “the National Technical Information Service (NTIS)” to

		“NTIS”
611.102(a) “Method ME355.01”	Board	Added the definition of the short form reference and statement of availability for the method
611.102(a) “m-ColiBlue24 Test”	Board	Reverse the appearance of sources from “Hach Company and USEPA, Water Resource Center” to “USEPA, Water Resource Center and Hach Company”
611.102(a) “Mitchell Method M5271”	Board	Added the definition of the short form reference and statement of availability for the method
611.102(a) “Mitchell Method M5331”	Board	Added the definition of the short form reference and statement of availability for the method
611.102(a) “Modified Colitag™ Method”	Board	Added the definition of the short form reference and statement of availability for the method
611.102(a) “NCRP Report Number 22”	Board	Changed the defined term from the source, “NCRP,” to the short-form title for the method, “NCRP Report Number 22”; changed the definition from the full source name, “National Council on Radiation Protection,” to the full method title, “Maximum Permissible Body Burdens and Maximum Permissible Concentrations of Radionuclides in Air and in Water for Occupational Exposure”; added the statement of availability “available from NCRP” as a parenthetical offset by a comma
611.102(a) “NTIS”	Board	Removed the redundant definition of the short-form for the method source, which is defined by usage in the subsection (b) listing of “NTIS”
611.102(a) “Palintest ChloroSense”	Board	Added the definition of the short form reference and statement of availability for the method
611.102(a) “Readycult® 2000”	Board	Changed the short-form method title “Readycult Coliforms 100 Presence/Absence Test” to “Readycult® 2000”; added the registration mark to the trademarked name “Readycult®” (twice); added the version number “v. 1.0” offset by a comma; moved the entry into the newly appropriate alphabetic order
611.102(a) “Readycult® 2007”	Board	Added the definition of the short form reference and statement of availability for the method
611.102(a) “Radiochemical Methods”	Board	Removed the duplicative short-form method title in favor of the separately listed title “USEPA Interim Radiochemical Methods”
611.102(a) “Systea Easy (1-Reagent)”	Board	Added the definition of the short form reference and statement of availability for the method
611.102(a) “Radiochemical Methods”	Board	Removed the duplicative short-form method title in favor of the separately listed title “USEPA Interim Radiochemical Methods”
611.102(a) “Technical	Board	Removed the unnecessary short-form reference

Notes on Drinking Water Methods”		
611.102(a) “USDOE Manual”	Board	Removed the now-obsolete short-form reference title, which is changed to “EML Procedures Manual”
611.102(a) “USEPA Asbestos Method 100.1”	Board	Changed “referred to as ‘USEPA Asbestos Methods-100.1’” to “USEPA Asbestos Method 100.1”
611.102(a) “USEPA Asbestos Method 100.2”	Board	Changed “referred to as ‘USEPA Asbestos Methods-100.2’” to “USEPA Asbestos Method 100.2”
611.102(a) “USEPA Environmental Inorganic Methods”	Board	Changed plural “Inorganics” to “Inorganic” in the short-form method title
611.102(a) “USEPA NERL Method 415.3 (rev. 1.2)”	Board	Added the definition of the short form reference and statement of availability for the method
611.102(a) “USEPA NERL Method 549.2”	Board	Added the definition of the short form reference and statement of availability for the method
611.102(a) “USEPA OGWDW Methods”	Board	Deleted “one of” from before “the methods”; added “302.0” to the series offset by a comma; added “334.0” to the series offset by a comma; added “524.3 (rev. 1.0)” to the series offset by a comma; added “557” to the series offset by a comma; added the statement of availability “Available from NTIS; USEPA, NSCEP; or USEPA, OGWDW.”
611.102(a) “USEPA Organic Methods”	Board	Changed “(July 1991)” to “December 1988 (revised July 1991)”; changed the comma and “for” before to parentheses the methods listing (four times); removed “502.2” and the offsetting comma from the methods listing; removed “505” and the offsetting comma from the methods listing; removed “507” and the offsetting comma from the methods listing; removed “508” and the offsetting comma from the methods listing; changed “508A” to “508A (rev. 1.0)”; removed the comma and moved the conjunction “and” from after to before “515.1”; changed “515.1” to “515.1 (rev. 4.0)”; removed “506” and the offsetting comma from the methods listing; removed the conjunction “and” from after to before “550.1”; removed “551” and the offsetting comma from the methods listing; removed “504.1” and the offsetting comma from the methods listing; removed “508.1” and the offsetting comma from the methods listing; removed “515.2” and the offsetting comma from the methods listing; removed “524.2” and the offsetting comma from the methods

		listing; removed “525.2” and the offsetting comma from the methods listing; changed “548.1” to “548.1 (rev. 1.0)””; removed “549.1” and the offsetting comma from the methods listing; changed “552.1” to “552.1 (rev. 1.0)””; removed “552.2” and the offsetting comma from the methods listing; changed “552.1” to “552.1 (rev. 1.0)””; changed “555” to “555 (rev. 1.0)””; added the conjunction “and” before “Methods for the Determination of Organic Compounds in Drinking Water—Supplement III””; changed “502.2” to “502.2 (rev. 2.1)””; added “504.1 (rev. 1.1)” to the series offset by a comma; added “505 (rev. 2.1)” to the series offset by a comma; added “506 (rev. 1.1)” to the series offset by a comma; added “507 (rev. 2.1)” to the series offset by a comma; added “508 (rev. 3.1)” to the series offset by a comma; added “508.1 (rev. 2.0)” to the series offset by a comma; added “515.2 (rev. 1.1)” to the series offset by a comma; changed “524.2” to “524.2 (rev. 4.1)””; added “525.2 (rev. 2.0)” to the series offset by a comma; added “531.1 (rev. 3.1)” to the series offset by a comma; changed “551.1” to “551.1 (rev. 1.0)””; changed “552.2” to “552.2 (rev. 1.0)””; added the statement of availability “Available from NTIS; USEPA, NSCEP; or USEPA, EMSL.”
611.102(a) “USEPA Radiochemistry Procedures”	Board	Changed the short-form method title “USEPA Radiochemistry Methods” to “USEPA Radiochemistry Procedures”
611.102(a) “USEPA Technical Notes”	Board	Added “and USEPA, NSCEP” to the statement of availability
611.102(b) “American Society for Microbiology,” “Evaluation of Enterolert for Enumeration of Enterococci in Recreational Waters”	Board	Changed “D 6503-99” to “D6503-99” (twice)
611.102(b) “AWWA,” “Standard Methods, 19th ed.,” “Method 5310 B”	Board	Added the previously omitted incorporation by reference
611.102(b) “AWWA,” “Standard Methods, 19th ed.,” “Method 5310 C”	Board	Added the previously omitted incorporation by reference
611.102(b) “AWWA,” “Standard Methods,”	Board	Added the previously omitted incorporation by reference

19th ed.," "Method 5310 D"		
611.102(b) "AWWA," "Standard Methods, 20th ed.," "Method 5310 B"	Board	Added the previously omitted incorporation by reference
611.102(b) "AWWA," "Standard Methods, 20th ed.," "Method 5310 C"	Board	Added the previously omitted incorporation by reference
611.102(b) "AWWA," "Standard Methods, 20th ed.," "Method 5310 D"	Board	Added the previously omitted incorporation by reference
611.102(b) "AWWA," "Standard Methods, 19th ed.," "Method 9223"	Board	Removed the unnecessary comma from after "611.526" that separated a two-element series
611.102(b) "AWWA," "Standard Methods, 20th ed.," "Method 9223"	Board	Replaced the comma after "611.526" with the conjunction "and" to separated a two-element series
611.102(b) "AWWA," "Standard Methods, 20th ed.," "Method 9223 B"	Board	Added the entry "611.526" and the offsetting comma to the list of sections for which the newly approved alternative method is incorporated by reference; added the comma before "and 611.1004" to offset the last element of the series
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 6640 B"	Board	Added the entry for incorporation by reference of the newly approved alternative method
611.102(b) "AWWA," "Standard Methods, 21st ed.," Board note	Board	Added a cross-reference to the Board note explanation of citation only to Standard Methods, 21st ed. where USEPA cites a method as available from Standard Methods Online and the USEPA-cited version of the method appears in Standard Methods, 21st ed.
611.102(b) "AWWA," "Standard Methods, 21st ed.," "Method 9223 B"	Board	Added the entry "611.526" and the offsetting comma to the list of sections for which the newly approved alternative method is incorporated by reference; added the comma before "and 611.1004" to offset the last element of the series
611.102(b) "AWWA" Board note	Board	Changed "at www.standardmethods.org" to "
611.102(b) "ASTM," "ASTM Method	Board	Added the entry for incorporation by reference of the newly approved alternative method

D511-09 A and B”		
611.102(b) “ASTM,” “ASTM Method D1253-96”	Board	Changed “reapproved” to “approved”
611.102(b) “ASTM,” “ASTM Method D1253-03”	Board	Changed “reapproved” to “approved”
611.102(b) “ASTM,” “ASTM Method D1253-03”	Board	Added the entry for incorporation by reference of the newly approved alternative method
611.102(b) “ASTM,” “ASTM Method D1688-07 A or C”	Board	Added the entry for incorporation by reference of the newly approved alternative method
611.102(b) “ASTM,” “ASTM Method D2460-07”	Board	Added the entry for incorporation by reference of the newly approved alternative method
611.102(b) “ASTM,” “ASTM Method D2972-08 B or C”	Board	Added the entry for incorporation by reference of the newly approved alternative method
611.102(b) “ASTM,” “ASTM Method D3454-97”	Board	Changed “D3454-91” to “D3454-97”; changed “1991” to “1997”
611.102(b) “ASTM,” “ASTM Method D3454-05”	Board	Added the entry for incorporation by reference of the newly approved alternative method
611.102(b) “ASTM,” “ASTM Method D3559-08 D”	Board	Added the entry for incorporation by reference of the newly approved alternative method
611.102(b) “ASTM,” “ASTM Method D3645-08 B”	Board	Added the entry for incorporation by reference of the newly approved alternative method
611.102(b) “ASTM,” “ASTM Method D3649-06”	Board	Added the entry for incorporation by reference of the newly approved alternative method
611.102(b) “ASTM,” “ASTM Method D3697-07”	Board	Added the entry for incorporation by reference of the newly approved alternative method
611.102(b) “ASTM,” “ASTM Method D3859-08 A”	Board	Added the entry for incorporation by reference of the newly approved alternative method
611.102(b) “ASTM,” “ASTM Method D4107-08”	Board	Added the entry for incorporation by reference of the newly approved alternative method
611.102(b) “ASTM,”	Board	Changed “D4785-88” to “D4785-93”; changed “1988”

“ASTM Method D4785-93”		to “1993”
611.102(b) “ASTM,” “ASTM Method D4785-98”	Board	Changed “D4785-00a” to “D4785-98”; changed “2000” to “1998”
611.102(b) “ASTM,” “ASTM Method D4785-08”	Board	Added the entry for incorporation by reference of the newly approved alternative method
611.102(b) “ASTM,” “ASTM Method D5174-97”	Board	Changed “D5174-91” to “D5174-97”; changed “1991” to “1997”
611.102(b) “ASTM,” “ASTM Method D5174-07”	Board	Added the entry for incorporation by reference of the newly approved alternative method
611.102(b) “ASTM,” “ASTM Method D6581-08 A and B”	Board	Added the entry for incorporation by reference of the newly approved alternative method
611.102(b) “Bran & Luebbe,” “Fluoride in Water and Wastewater” (#129-71W)	Board	Changed the colon after “Methods” to a comma”; updated the <i>Code of Federal Regulations</i> citation to the latest version available
611.102(b) “Bran & Luebbe,” “Fluoride in Water and Wastewater” (#380-75WE)	Board	Changed the colon after “Methods” to a comma”; updated the <i>Code of Federal Regulations</i> citation to the latest version available
611.102(b) “CPI International, Inc.,” “Modified Colitag™ Method”	Board	Added the entry for incorporation by reference of the newly approved alternative method
611.102(b) “EMD Chemicals Inc.,” “Chromocult® Method”	Board	Added the registration mark to the trademarked name “Chromocult®”; added the short-form method title “Chromocult® Method”; changed “Section 611.526” to “Sections 611.526 and 611.802”
611.102(b) “EMD Chemicals Inc.,” “Readycult® 2000”	Board	Added the short-form method title “referred to as Readycult® 2000” in parentheses
611.102(b) “EMD Chemicals Inc.,” “Readycult® 2007”	Board	Added the entry for incorporation by reference of the newly approved alternative method
611.102(b) “ERDA”	Board	Deleted the obsolete reference in favor of the current source “USDOT, EML” for what is now called “EML Procedures Manual”
611.102(b) “H & E Testing Laboratory”	Board	Added the entry for incorporation by reference of the newly approved alternative method “Method ME355.01, Revision 1”

611.102(b) "Leck Mitchell, PhD, PE"	Board	Added the entry for incorporation by reference of the newly approved alternative methods "Mitchell Method ME5271" and "Mitchell Method M5331"
611.102(b) "NCRP," "NCRP Report Number 22"	Board	Added the short-form method title "NCRP Report Number 22" before the full method title "Maximum Permissible Body Burdens and Maximum Permissible Concentrations of Radionuclides in Air and in Water for Occupational Exposure"
611.102(b) "NEMI"	Board	Added the entry as an alternative source of the newly approved alternative methods "AMI Turbiwell Method," "Method ME355.01, Revision 1," "Mitchell Method ME5271," "Mitchell Method M5331," "Modified Colitag™ Method," "Orion Method AQ4500," "Palintest ChloroSense," and "Systea Easy (1-Reagent) Nitrate Method"
611.102(b) "NTIS," "Dioxin and Furan Method 1613, Revision B"	Board	Changed the name from "'Method 1613: Tetra-through Octa-Chlorinated . . . Analysis'" to "Method 1613, 'Tetra- through Octa-Chlorinated . . . Analysis'," to agree with the format of other USEPA methods, and moved the method to the changed location in the alphabetic listing
611.102(b) "NTIS," "Kelada 01"	Board	Removed the parentheses, changed "referred to as 'Kelada 01'" to "Kelada 01," and moved the short-form method title from after "EPA 821/B-01-009" to before the full method title "Kelada Automated Test Methods for Total Cyanide, Acid Dissociable Cyanide, and Thiocyanate"
611.102(b) "NTIS," "USEPA Asbestos Method 100.1"	Board	Removed the parentheses, changed "referred to as 'USEPA Asbestos Methods-100.1'" to "USEPA Asbestos Method 100.1," and moved the short-form method title from after "PB83-260471" to before the full method title "Analytical Method for Determination of Asbestos in Water"; added the statement of alternative availability, "See also USEPA, NSCEP."; moved the entry to the changed alphabetic position
611.102(b) "NTIS," "USEPA Asbestos Method 100.2"	Board	Removed the parentheses, changed "referred to as 'USEPA Asbestos Methods-100.2'" to "USEPA Asbestos Method 100.2," and moved the short-form method title from after "PB94-201092" to before the full method title "Determination of Asbestos Structures over 10 mm in Length in Drinking Water"; added the statement of alternative availability, "See also USEPA, NSCEP."; moved the entry to the changed alphabetic position
611.102(b) "NTIS,"	Board	Removed the parentheses, changed "referred to as

<p>“USEPA Environmental Inorganic Methods”</p>		<p>“USEPA Environmental Inorganic Methods”” to “USEPA Environmental Inorganic Methods,” and moved the short-form method title from after “PB94-121811” to before the full method title “Methods for the Determination of Inorganic Substances in Environmental Samples”; corrected the document number “PB94-120821” to “PB94-121811”; removed “for” from before, capitalized “Methods,” removed “for” from before, added “only” after, and added revision numbers to change the methods listing “For methods 180.1, 300.0, 335.4, 353.2, and 365.1” to “Methods 180.1 (rev. 2.0), 300.0 (rev. 2.1), 335.4 (rev. 1.0), 353.2 (rev. 2.0), and 365.1 (rev. 2.0) only”; added the statement of alternative availability “See also USEPA, NSCEP.”; moved the entry to the changed alphabetic position</p>
<p>611.102(b) “NTIS,” “USEPA Environmental Metals Methods”</p>	<p>Board</p>	<p>Removed the obsolete reference to “‘Methods for the Determination of Metals in Environmental Samples,’ June 1991, . . . and”; removed the parentheses, changed “referred to as ‘USEPA Environmental Metals Methods’” to “USEPA Environmental Metals Methods,” and moved the short-form method title from after “PB84-128677” to before the full method title “Methods for the Determination of Metals in Environmental Samples—Supplement I”; removed “for” from before, added “only” after, and added revision numbers to change the methods listing “For methods 200.7, 200.8, 200.9, and 245.1” to “Methods 200.7 (rev. 4.4), 200.8 (rev. 5.3), 200.9 (rev. 2.2), and 245.1 (rev. 3.0) only”; moved the entry to the changed alphabetic position</p>
<p>611.102(b) “NTIS,” “USEPA Inorganic Methods”</p>	<p>Board</p>	<p>Removed the parentheses, changed “referred to as ‘USEPA Inorganic Methods’” to “USEPA Inorganic Methods,” and moved the short-form method title from after “PB84-128677” to before the full method title “Methods for Chemical Analysis of Water and Wastes”; removed “for” from before, added “only” after the methods listing “Methods 150.1, 150.2, and 245.2”; added the statement of alternative availability “See also USEPA, NSCEP.”; moved the entry to the changed alphabetic position</p>
<p>611.102(b) “NTIS,” “USEPA Interim Radiochemical Methods”</p>	<p>Board</p>	<p>Removed the parentheses, changed “referred to as ‘USEPA Interim Radiochemical Methods’” to “USEPA Interim Radiochemical Methods,” and moved the short-form method title from after “March 1976” to before</p>

		the full method title “Interim Radiochemical Methodology for Drinking Water”; added “Doc. No. PB253258” offset as a parenthetical by commas after “EPA 600/4-75-008 (revised)”; removed “for” from before, added “only” after the methods listing, corrected method numbers to change “For methods 900, 901, 901.1, 902, 903, 903.1, 904, 905, 906, 908, 908.1” to “Methods 900.0, 901.0, 901.1, 902.0, 903.0, 903.1, 904.0, 905.0, 906.0, 908.0, 908.1”; added the statement of alternative availability “See also USEPA, NSCEP.”; removed the unnecessary parenthetical listing of page numbers, “(Pages 1, 4, 6, 9, 13, 16, 24, 29, 34)” since the entire document is incorporated by reference; moved the entry to the changed alphabetic position
611.102(b), “NTIS,” “OGWDW Methods, Method 326.0”	Board	Changed the short-form method name “USEPA Method 326.0, Revision 1.0” to “USEPA OGWDW Methods, Method 326.0, Revision 1.0” to agree with the format of other USEPA methods; removed “USEPA” and the offsetting comma after the full method title; removed the parenthetical statement of the short-form method title “(referred to as ‘OGWDW Methods, Method 326.0, rev. 1.0’)””; moved the method to the changed location in the alphabetic listing
611.102(b) “NTIS,” “USEPA Organic and Inorganic Methods”	Board	Removed the parentheses, changed “referred to as ‘USEPA Organic and Inorganic Methods’” to “USEPA Organic and Inorganic Methods,” and moved the short-form method title from after “PB2000-106981” to before the full method title “Methods for the Determination of Organic and Inorganic Compounds in Drinking Water, Volume 1”; removed “for” from before, added “only” after the methods listing to change “For methods 300.1 and 321.8” to “Methods 300.1 (rev. 1.0) and 321.8 (rev. 1.0) only”; added the statement of alternative availability “See also USEPA, NSCEP.”; moved the entry to the changed alphabetic position
611.102(b) “NTIS,” “USEPA Organic Methods”	Board	Combined all four USEPA Organic Methods references into a single reference; removed the parentheses, changed “referred to as ‘USEPA Organic and Inorganic Methods’” to “USEPA Organic and Inorganic Methods,” and moved the short-form method title from after “PB91-231480” to before the first full method title “Methods for the Determination of Organic Compounds in Drinking Water”; removed “for” from before, added “only” after the methods listing, removed methods 502.2, 505, 507, 508, and 531.1, and added

		<p>method version numbers to the remaining methods to change “For methods 506, 547, 550, 550.1, and 551” to “Methods 508A (rev. 1.0) and 515.1 (rev. 4.0) only”; removed “for” from before, added “only” after the methods listing, and removed methods 506 and 551 to change “For methods 506, 547, 550, 550.1, and 551” to “Methods 547, 550, and 550.1 only”; removed “for” from before, added “only” after the methods listing, removed methods 515.2, 524.2 and 549.1, and added method version numbers to the remaining methods to change “For methods 515.2, 524.2, 548.1, 549.1, 552.1, and 555” to “Methods 548.1 (rev. 1.0), 552.1 (rev. 1.0), and 555 (rev. 1.0) only”; removed “for” from before, added “only” after the methods listing, added methods 504.1, 505, 506, 507, 508, 508.1, 515.2, 524.2, 525.2, and 531.1, and added method version numbers to the methods to change “For methods 502.2, 524.2, 551.1, and 552.2” to “Methods 502.2 (rev. 2.1), 504.1 (rev. 1.1), 505 (rev. 2.1), 506 (rev. 1.1), 507 (rev. 2.1), 508 (rev. 3.1), 508.1 (rev. 2.0), 515.2 (rev. 1.1), 524.2 (rev. 4.1), 525.2 (rev. 2.0), 531.1 (rev. 3.1), 551.1 (rev. 1.0), and 552.2 (rev. 1.0) only”; added the statement of alternative availability “See also USEPA, NSCEP.”; moved the entry to the changed alphabetic position</p>
611.102(b) “NTIS,” “USEPA Radioactivity Methods”	Board	<p>Removed the parentheses, changed “referred to as ‘USEPA Radioactivity Methods’” to “USEPA Radioactivity Methods,” and moved the short-form method title from after “PB80-224744” to before the full method title “Prescribed Procedures for Measurement of Radioactivity in Drinking Water”; removed “for” from before, added “only” after the methods listing, corrected method numbers to change “For methods 900, 901, 901.1, 902, 903, 903.1, 904, 905, 906, 908, 908.1” to “Methods 900.0, 901.0, 901.1, 902.0, 903.0, 903.1, 904.0, 905.0, 906.0, 908.0, 908.1”; added the statement of alternative availability “See also USEPA, NSCEP.”; moved the entry to the changed alphabetic position</p>
611.102(b) “NTIS,” “USEPA Radiochemi- cal Analyses”	Board	<p>Removed the parentheses, changed “referred to as ‘USEPA Radiochemical Analyses’” to “USEPA Radiochemical Analyses,” and moved the short-form method title from after “Doc. No. EMSL LV 053917” to before the full method title “Interim Radiochemical Methodology for Drinking Water”; Changed “Pages 1, 19, 33, 65, 87, 92” to “Pages 1-5, 19-32, 33-48, 65-73,</p>

		87-91, and 92-95 only”; moved the entry to the changed alphabetic position
611.102(b) “NTIS,” “USEPA Radiochemistry Procedures”	Board	Removed the parentheses, changed “referred to as ‘USEPA Radiochemistry Methods’” to “USEPA Radiochemistry Procedures,” and moved the short-form method title from after “PB84-215581” to before the full method title “Radiochemistry Procedures Manual”; added “only” after the methods listing “Methods Methods 00-01, 00-02, 00-07, H-02, Ra-03, Ra-04, Ra-05, Sr-04”; moved the entry to the changed alphabetic position
611.102(b) “NTIS,” “USEPA Technical Notes”	Board	Removed the parentheses, changed “referred to as ‘USEPA Technical Notes’” to “USEPA Technical Notes,” and moved the short-form method title from after “PB95-104766” to before the full method title “Technical Notes on Drinking Water Methods”; corrected “611.685” to “611.645”; added the statement of alternative availability “See also USEPA, NSCEP.”; moved the entry to the changed alphabetic position
611.102(b), “NTIS” Board note	Board	Added explanation of the alternative availability of many document from NSCEP
611.102(b) “Palintest, Ltd.,” “Palintest Method 1001”	Board	Removed the parentheses, changed “referred to as ‘Palintest Method 1001’” to “Palintest Method 1001,” and moved the short-form method title from after “August 1999” to before the full method title “Lead in Drinking Water by Differential Pulse Anodic Stripping Voltammetry”
611.102(b) “Palintest, Ltd.,” “Palintest Chlorosense”	Board	Added the entry as an alternative source for the newly approved alternative method
611.102(b) “Standard Methods Online” Board note	Board	Added explanation of citation only to Standard Methods, 21st ed. where USEPA cites a method as available from Standard Methods Online and the USEPA-cited version of the method appears in Standard Methods, 21st ed.
611.102(b) “USDOE, EML”	Board	Added the abbreviated source name “USDOE, EML” before the full name “United States Department of Energy, Environmental Measurements Laboratory”; removed “available at the” from before “Environmental Measurements Laboratory”
611.102(b) “USDOE, EML,” “EML Procedures Manual (27th ed.)”	Board	Added the document number “HASL 300” offset by a comma after the document title “EML Procedures Manual”; changed the short-form method title “USDOE Manual” to “EML Procedures Manual,” followed by the edition number “(27th ed.)” in parentheses.

611.102(b) “USDOE, EML,” “EML Procedures Manual (28th ed.)”	Board	Added the previously omitted reference to the methods manual
611.102(b), “USEPA, EMSL”	Board	Added “USEPA, EMSL.” as the listing heading; changed “EMSL” to “Environmental Monitoring and Support Laboratory”; moved the listing (and subsidiary listing of available documents) to the appropriate order in the alphabetic listing of sources
611.102(b) “USEPA, EMSL,” “USEPA Interim Radiochemical Methods”	Board	Removed the parentheses, changed “referred to as ‘USEPA Interim Radiochemical Methods’” to “USEPA Interim Radiochemical Methods,” and moved the short-form method title from after “March 1976” to before the full method title “Interim Radiochemical Methodology for Drinking Water”; changed “See NTIS” to “See also NTIS”; moved the entry to the changed alphabetic position
611.102(b) “USEPA, EMSL,” “USEPA Organic Methods”	Board	Added the three supplements and combined all four USEPA Organic Methods references into a single reference; removed the parentheses, changed “referred to as ‘USEPA Organic and Inorganic Methods’” to “USEPA Organic and Inorganic Methods,” and moved the short-form method title from after “EPA 600/4-88/039” to before the full method title “Methods for the Determination of Organic Compounds in Drinking Water”; removed “for” from before, removed methods 504.1, 508.1, and 525.2, and added method version numbers to the remaining methods to change “For methods 504.1, 508.1, and 525.2 only” to “Methods 508A (rev. 1.0) and 515.1 (rev. 4.0) only”; changed the statement of alternative availability “See NTIS” to “See also NTIS and USEPA, NSCEP.”; moved the entry to the changed alphabetic position
611.102(b), “USEPA, NSCEP,” “Guidance Manual for . . . Surface Water Sources”	Board	Added the method as available from this alternative source; updated the edition from “October 1989” to “March 1991”
611.102(b), “USEPA, OGWDW”	Board	Added “USEPA, OGWDW.” as the listing heading; changed “United States Environmental Protection Agency” to the defined abbreviated form “USEPA”
611.102(b), “USEPA, OGWDW,” “Method 317.0”	Board	Changed “Revision” to abbreviated, lower-case “rev.”; omitted the parenthetical short-form method name “(referred to as ‘OGWDW Methods, Method 317.0, rev. 2.0’)”; changed “Sections 611.381 and 611.382” to

		“Section 611.381”; added statement of alternative availability “See also USEPA, NSCEP.”
611.102(b), “USEPA, OGWDW,” “Method 326.0”	Board	Changed “Revision” to abbreviated, lower-case “rev.”; omitted the parenthetical short-form method name “(referred to as ‘OGWDW Methods, Method 326.0, rev. 1.0’)”; changed “Sections 611.381 and 611.382” to “Section 611.381”; added statement of alternative availability “See also NTIS and USEPA, NSCEP.”
611.102(b), “USEPA, OGWDW,” “Method 326.0” Board note	Board	Removed the now redundant statement of alternative availability
611.102(b), “USEPA, OGWDW,” “Method 327.0”	Board	Changed “Revision” to abbreviated, lower-case “rev.”; omitted the parenthetical short-form method name “(referred to as ‘OGWDW Methods, Method 327.0, rev. 1.1’)”; added statement of alternative availability “See also USEPA, NSCEP.”
611.102(b), “USEPA, OGWDW,” “Method 515.4”	Board	Changed “Revision” to abbreviated, lower-case “rev.”; omitted the parenthetical short-form method name “(referred to as ‘OGWDW Methods, Method 515.4, rev. 1.0’)”
611.102(b), “USEPA, OGWDW,” “Method 531.2”	Board	Changed “Revision” to abbreviated, lower-case “rev.”; omitted the parenthetical short-form method name “(referred to as ‘OGWDW Methods, Method 531.2, rev. 1.0’)”; added statement of alternative availability “See also USEPA, NSCEP.”
611.102(b), “USEPA, OGWDW,” “Method 552.3”	Board	Changed “Revision” to abbreviated, lower-case “rev.”; omitted the parenthetical short-form method name “(referred to as ‘OGWDW Methods, Method 552.3, rev. 1.0’)”
611.102(b), “USEPA, OGWDW,” “Method 1622 (05)”	Board	Omitted the parenthetical short-form method name “(referred to as ‘OGWDW Methods, Method 1622 (05)’)”
611.102(b), “USEPA, OGWDW,” “Method 1622 (01)”	Board	Omitted the parenthetical short-form method name “(referred to as ‘OGWDW Methods, Method 1622 (01)’)”; added statement of alternative availability “See also USEPA, NSCEP.”
611.102(b), “USEPA, OGWDW,” “Method 1622 (99)”	Board	Omitted the parenthetical short-form method name “(referred to as ‘OGWDW Methods, Method 1622 (99)’)”
611.102(b), “USEPA, OGWDW,” “Method 1623 (05)”	Board	Omitted the parenthetical short-form method name “(referred to as ‘OGWDW Methods, Method 1623 (05)’)”
611.102(b), “USEPA, OGWDW,” “Method 1623 (01)”	Board	Omitted the parenthetical short-form method name “(referred to as ‘OGWDW Methods, Method 1623 (01)’)”

611.102(b), "USEPA, OGWDW," "Method 1623 (99)"	Board	Omitted the parenthetical short-form method name "(referred to as 'OGWDW Methods, Method 1623 (99)')"
611.102(b), "USEPA, OGWDW" Board note	Board	Added explanation of the alternative availability of many documents from NSCEP
611.102(b), "USEPA, ORD"	Board	Added "USEPA, ORD." as the listing heading
611.102(b), "USEPA, ORD," "USEPA NERL Method 200.5"	Board	Changed "USEPA Method 200.5" to "USEPA NERL Method 200.5"; changed "Revision" to abbreviated, lower-case "rev."; deleted the parenthetical short-form method name "(referred to as 'USEPA NERL Method 200.5')"
611.102(b), "USEPA, ORD," "USEPA NERL Method 415.3, rev. 1.1"	Board	Changed "USEPA Method 415.3, Revision 1.1" to "USEPA NERL Method 415.3, rev. 1.1"; deleted the parenthetical short-form method name "(referred to as 'USEPA NERL Method 415.3 (rev. 1.2)')"
611/102(b) "USEPA Water Resource Center," "E*Colite Test"	Board	Added the short-form method name "E*Colite Test" before the full title "Charm E*Colite Presence/Absence Test for Detection and Identification of Coliform Bacteria and Escherichia coli in Drinking Water"; deleted the parenthetical short-form method name "(referred to as '"; deleted the parenthetical short-form method name "(referred to as 'E*Colite Test')"; added a period after "Section 611.802"; removed the parentheses and changed the statement of alternative availability "(also available from Charm Sciences, Inc.)" to "See also Charm Sciences, Inc."
611/102(b) "USEPA Water Resource Center," "m-ColiBlue24 Test"	Board	Added the short-form method name "m-ColiBlue24 Test" before the full title "Total Coliforms and E. coli Membrane Filtration Method with m-ColiBlue24® Broth"; changed "Revision 2" to abbreviated "rev. 2"; deleted the parenthetical short-form method name "(referred to as '"; deleted the parenthetical short-form method name "(referred to as 'm-ColiBlue24 Test')"; added a period after "Section 611.802"; removed the parentheses and changed the statement of alternative availability "(also available from Charm Sciences, Inc.)" to "See also The Hach Company"
611/102(b) "USEPA Water Resource Center," "USEPA Method 1600"	Board	Added the short-form method name "EPA Method 1600" before the full method title "EPA Method 1600: Enterococci in Water by Membrane Filtration Using Membrane-Enterococcus Indoxyl-b-D-Glucoside Agar (mEI)"; deleted the parenthetical short-form method name "(referred to as '"; deleted the parenthetical short-form method name "(referred to as 'USEPA Method

		1600')”
611/102(b) “USEPA Water Resource Center,” “USEPA Method 1601”	Board	Added the short-form method name “EPA Method 1601” before the full method title “Method 1601: Male-specific (F ⁺) and Somatic Coliphage in Water by Two-step Enrichment Procedure”; deleted the parenthetical short-form method name “(referred to as ‘; deleted the parenthetical short-form method name “(referred to as ‘USEPA Method 1601’)”
611/102(b) “USEPA Water Resource Center,” “USEPA Method 1602”	Board	Added the short-form method name “EPA Method 1602” before the full method title “Method 1602: Male-specific (F ⁺) and Somatic Coliphage in Water by Single Agar Layer (SAL) Procedure”; deleted the parenthetical short-form method name “(referred to as ‘; deleted the parenthetical short-form method name “(referred to as ‘USEPA Method 1602’)”
611/102(b) “USEPA Water Resource Center,” “USEPA Method 1604”	Board	Added the short-form method name “EPA Method 1604” before the full method title “Method 1604: Total Coliforms and <i>Escherichia coli</i> in Water by Membrane Filtration Using a Simultaneous Detection Technique (MI Medium)”; deleted the parenthetical short-form method name “(referred to as ‘; deleted the parenthetical short-form method name “(referred to as ‘USEPA Method 1604’)”
611.102(c) “40 CFR 3.2”	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available
611.102(c) “40 CFR 3.3”	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available
611.102(c) “40 CFR 3.10”	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available
611.102(c) “40 CFR 3.2000”	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available
611.102(c) “40 CFR 136.3(a)”	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available
611.102(c) “Appendix A to 40 CFR 136”	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available
611.102(c) “40 CFR 142.20(b)(1)”	Board	Added the incorporation of the federal regulation cited in Section 611.112
611.105(a)(2)(B)(iii)	Board	Corrected “C.F.R.” to “CFR” (twice)
611.105(a) Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available, including deletion of an obsolete <i>Federal Register</i> citation to later amendments
611.105(c) Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available, including deletion of an obsolete <i>Federal Register</i> citation to later amendments

611.105(d) Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available, including deletion of an obsolete <i>Federal Register</i> citation to later amendments
611.105(e) Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available, including deletion of an obsolete <i>Federal Register</i> citation to later amendments
611.105(g) Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available, including deletion of an obsolete <i>Federal Register</i> citation to later amendments
611.105 Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available, including deletion of an obsolete <i>Federal Register</i> citation to later amendments
611.111 preamble	Board	Changed “35-37” to “35 through 37” (twice); changed “22-28” to “27 and 28”
611.111 Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available; added “(42 USC 300g-4(a)(1)(A) and (a)(1)(B))” after “section 1415(a)(1)(A) and (a)(1)(B) of the SDWA”; changed the full document title “Guidance Manual for Compliance with the Filtration and Disinfection Requirements for Public Water Systems using Surface Water Sources” to the Board’s short-form method title “Guidance Manual for Filtration and Disinfection”; added “and available from USEPA, NSCEP” after “incorporated . . . Section 611.102”; changed “USEPA has reserved the discretion to review and potentially nullify Board determinations made pursuant to this Section as 40 CFR 142.23 (2005)” to “USEPA has established a procedure, at 40 CFR 142.23 (2009), to review and potentially modify or nullify state determinations granting relief from NPDWRs . . . in a substantial number of instances”
611.112 preamble	Board	Changed “35-37” to “35 through 37” (twice); changed “22-28” to “27 and 28”
611.112(b)(4) Board note	Board	Added “incorporated . . . in Section 611. 102(c)” as a parenthetical offset by a comma
611.111 Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available; changed “USEPA has reserved the discretion to review and potentially nullify Board determinations made pursuant to this Section as 40 CFR 142.23 (2005)” to “USEPA has established a procedure, at 40 CFR 142.23 (2009), to review and potentially modify or nullify state determinations granting relief from NPDWRs . . . in a substantial number of instances”
611.381(b)(1)(A)(i)	Board	Added “(rev. 2.1)” to the method number “502.1”

611.381(b)(1)(A)(ii)	Board	Added “(rev. 4.1)” to the method number “524.2”
611.381(b)(1)(A)(iii)	Board	Added “(rev. 1.0)” to the method number “551.1”
611.381(b)(1)(B)(i) Board note	Board	Changed “USEPA later added Method 6251 B from the 21st edition of Standard Methods . . . 40 CFR 141, added on June 3, 2008 (at 73 Fed. Reg. 31616)” to USEPA added Standard Methods, 21st ed., Method 6251 B . . . 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616),” deleted the explanation of the Board’s citation to the 21st edition, rather than to Standard Methods Online, following USEPA’s January 4, 2006 amendments, and moved the note material to a new Board note at subsection (b)(1)(B) that consolidates all information relative to approved alternative methods into a single Board note
611.381(b)(1)(B)(ii)	Board	Added “(rev. 1.0)” to the method number “552.1”
611.381(b)(1)(B)(iii)	Board	Added “(rev. 1.0)” to the method number “552.1”; corrected the short-form method title from “552.3” to “USEPA OGWDW Methods, Method 552.3 (rev. 1.0)”
611.381(b)(1)(B) Board note	Board	Revised and moved the explanation of USEPA’s approval of Standard Methods, 21st ed., Method 6251 B from the note removed after subsection (b)(1)(B)(i) to a centralized note explaining all of USEPA’s approvals of alternative methods for HAA5 in a single note
611.381(b)(1)(C)(i)	Board	Added “(rev. 1.0)” to the method number “300.1”
611.381(b)(1)(C)(ii)	Board	Changed 317.0, rev. 2.0” to 317.0 (rev. 2.0)”; changed 326.0, rev. 1.0” to 326.0 (rev. 1.0)”
611.381(b)(1)(C)(iii)	Board	Added “(rev. 1.0)” to the method number “321.8”
611.381(b)(1)(D)(i) Board note	Board	Changed “USEPA later added Method 4500-CIO ₂ E from the 21st edition of Standard Methods . . . 40 CFR 141, added on June 3, 2008 (at 73 Fed. Reg. 31616)” to USEPA added Standard Methods, 21st ed., Method 4500-CIO ₂ E . . . 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616),” deleted the explanation of the Board’s citation to the 21st edition, rather than to Standard Methods Online, following USEPA’s January 4, 2006 amendments, and moved the note material to a new Board note at subsection (b)(1)(D) that consolidates all information relative to approved alternative methods into a single Board note
611.381(b)(1)(D)(ii)	Board	Changed 327.0, rev. 1.1” to 327.0 (rev. 1.1)”
611.381(b)(1)(D)(iii)	Board	Added “(rev. 2.1)” to the method number “300.0”; added “(rev. 1.0)” to the method number “300.1”; changed 317.0, rev. 2.0” to 317.0 (rev. 2.0)”; changed 326.0, rev. 1.0” to 326.0 (rev. 1.0)”
611.381(b)(1)(D)	Board	Revised and moved the explanation of USEPA’s

Board note		approval of Standard Methods, 21st ed., 4500-ClO ₂ E from the note removed after subsection (b)(1)(D)(i) to a centralized note explaining all of USEPA's approvals of alternative methods for chlorite in a single note
611.381(c)(1)(A)(i)	Board	Added a colon after "amperometric titration," removing "using"; corrected "1253-86" to "D1253-86"; corrected "1253-96" to "D1253-96" corrected "1253-03" to "D1253-03"
611.381(c)(1)(A)(ii)	Board	Added a colon after "DPD ferrous titration," removing "using"
611.381(c)(1)(A)(iii)	Board	Added a colon after "DPD colorimetric," removing "using"
611.381(c)(1)(A)(iv)	Board	Added a colon after "Syringaldazine (FACTS)," removing "using"
611.381(c)(1)(A) Board note	Board	Added the revised information specific to free chlorine from the Board note removed from subsections (c)(1) and (c)(2)(A), "USEPA added Standard Methods, 21st ed., Methods 4500-Cl D, F, G, and H . . . for free chlorine in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616)"
611.381(c)(1)(B)(i)	Board	Added a colon after "amperometric titration," removing "using"; corrected "1253-86" to "D1253-86"; corrected "1253-96" to "D1253-96" corrected "1253-03" to "D1253-03"
611.381(c)(1)(B)(ii)	Board	Added a colon after "DPD ferrous titration," removing "using"
611.381(c)(1)(B)(iii)	Board	Added a colon after "DPD colorimetric," removing "using"
611.381(c)(1)(B) Board note	Board	Added the revised information specific to free chlorine from the Board note removed from subsection (c)(1), "USEPA added Standard Methods, 21st ed., Methods 4500-Cl D, F, and G . . . for total chlorine in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616)"
611.381(c)(1)(C)(i)	Board	Added a colon after "amperometric titration," removing "using"; corrected "1253-86" to "D1253-86"; corrected "1253-96" to "D1253-96" corrected "1253-03" to "D1253-03"
611.381(c)(1)(C)(ii)	Board	Added a colon after "low-level amperometric titration," removing "using"
611.381(c)(1)(C)(iii)	Board	Added a colon after "DPD ferrous titration," removing "using"
611.381(c)(1)(C)(iv)	Board	Added a colon after "DPD colorimetric," removing "using"

611.381(c)(1)(C)(v)	Board	Added a colon after “iodometric electrode,” removing “using”
611.381(c)(1)(C) Board note	Board	Added the revised information specific to free chlorine from the Board note removed from subsection (c)(1), “USEPA added Standard Methods, 21st ed., Methods 4500-Cl D, E, F, G, H and I . . . for chlorite in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616)”
611.381(c)(1)(D)(i)	Board	Added a colon after “DPD,” removing “using”
611.381(c)(1)(D)(ii)	Board	Added a colon after “Amperometric Method II,” removing “using”
611.381(c)(1)(D)(iii)	Board	Added a colon after “Lissamine Green spectrophotometric,” removing “using”
611.381(c)(1)(D) Board note	Board	Added the revised information specific to free chlorine from the Board note removed from subsection (c)(1), “USEPA added Standard Methods, 21st ed., Methods 4500-ClO ₂ D, and E . . . for chlorine dioxide in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616)”
611.381(c)(1) Board note	Board	Changed “USEPA later added Method 4500-Cl D, E, F, G, H, or I or Method 4500-ClO ₂ E from the 21st edition of Standard Methods . . . in appendix A to subpart C of 40 CFR 141, added on June 3, 2008 (at 73 Fed. Reg. 31616)” to “USEPA added Standard Methods, 21st ed., Methods 4500-Cl D, F, G, and H . . . for free chlorine in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616),” in the Board note appended to subsection (c)(1)(A), “USEPA added Standard Methods, 21st ed., Methods 4500-Cl D, F, and G . . . for total chlorine in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616),” in the Board note appended to subsection (c)(1)(B), to “USEPA added Standard Methods, 21st ed., Methods 4500-Cl D, E, F, G, H and I . . . for chlorite in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616),” in the Board note appended to subsection (c)(1)(C), and to “USEPA added Standard Methods, 21st ed., Methods 4500-Cl D, and E . . . for chlorine dioxide in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616),” in the Board note appended to subsection (c)(1)(D); deleted the explanation of the Board’s citation to the 21st edition, rather than to Standard Methods Online, following USEPA’s January 4, 2006 amendments, and moved the divided note material to new Board notes

		appended to each of subsections (c)(1)(A) through (c)(1)(D) that consolidates separately sets forth the information specific to each disinfectant residual in an individual Board note
611.381(c)(2)	Board	Moved “Test strips” to subsection (c)(2)(A) and replaced it with the heading to “Alternative methods available only upon specific approval by the Agency”
611.381(c)(2)(A)	Board	Moved “Test strips” to act as a method description, followed by a colon before “ITS Method D99-003”
611.381(c)(2)(A)	Board	Added “for free chlorine” after “alternative method”; added “contingent upon specific state approval” as a parenthetical offset by a comma after “(at 73 Fed. Reg. 31616)”; added “The Board has opted to provide that the Agency can grant such approvals on a case-by-case basis using the SEPA mechanism.”
611.381(c)(2)(B)	Board	Added “by an SEP issued pursuant to Section 611.110” after “the Agency” as a parenthetical offset by commas
611.381(d)(2)(A)	Board	Added “(rev. 2.1)” to the method number “300.0”
611.381(d)(2)(B)	Board	Added “(rev. 1.0)” to the method number “300.1”
611.381(d)(3)(A)	Board	Restructured the subsection to organize the material by method type, consistent with other methods listings; moved “Standard Methods, 19th, 20th, or 21st ed.” to subsection (d)(20(A)(i) and replaced it with “high-temperature combustion”
611.381(d)(3)(A)(i)	Board	Restructured the subsection to organize the material by method type, consistent with other methods listings; moved “Standard Methods, 19th, 20th, or 21st ed.” to subsection (d)(20(A)(i) and replaced it with “high-temperature combustion”
611.381(d)(3)(A)(ii)	Board	Moved the reference to Standard Methods, Method 5310 C to subsection (d)(3)(B)(i), changed capitalized “Persulfate Ultraviolet or Heated-Persulfate Oxidation Method” to lower-case “persulfate ultraviolet or heated-persulfate oxidation,” removed the parentheses, and moved it to subsection (d)(3)(B) to become a method description heading
611.381(d)(3)(A)(iii)	Board	Moved the reference to Standard Methods, Method 5310 D to subsection (d)(3)(C)(i), changed capitalized “Wet Oxidation Method” to lower-case “wet oxidation,” removed the parentheses, and moved it to subsection (d)(3)(C) to become a method description heading
611.381(d)(3)(A) Board note	Board	Changed “USEPA later added Method 5310 B, C, or D from the 21st edition of Standard Methods . . . 40 CFR 141, added on June 3, 2008 (at 73 Fed. Reg. 31616)” to

		USEPA added Standard Methods, 21st ed., Methods 5310 B, C, or D . . . 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616),” deleted the explanation of the Board’s citation to the 21st edition, rather than to Standard Methods Online, following USEPA’s January 4, 2006 amendments, and moved the note material to a new Board note at subsection (d)(3) that consolidates all information relative to approved alternative methods into a single Board note
611.381(d)(3)(B)	Board	Renumbered the former material as subsection (d)(3)(D); added the method description, as revised and moved from subsection (d)(3)(A)(ii)
611.381(d)(3)(B)(i)	Board	Added the short-form method designation, as revised and moved from subsections (d)(3)(A) and (d)(3)(A)(ii)
611.381(d)(3)(C)	Board	Renumbered the former material as subsection (d)(3)(E); added the method description, as revised and moved from subsection (d)(3)(A)(iii)
611.381(d)(3)(C)(i)	Board	Added the short-form method designation, as revised and moved from subsections (d)(3)(A) and (d)(3)(A)(iii)
611.381(d)(3)(D)	Board	Renumbered the subsection from subsection (d)(3)(B); added the method description “specific UV ₂₅₄ absorbance” followed by a colon before the short-form method title “USEPA NERL Methods 415.3 (rev. 1.1) or 415.3 (rev. 1.2)”
611.381(d)(3)(E)	Board	Renumbered the subsection from subsection (d)(3)(C)
611.381(d)(3)Board note	Board	Revised and moved the explanation of USEPA’s approval of Standard Methods, 21st ed., 5310 B, C, and D from the note removed after subsection (d)(3)(A) to a centralized note explaining all of USEPA’s approvals of alternative methods for total organic carbon in a single note
611.381(d)(4)(A)	Board	Changed the reference to “Standard Methods, 19th ed., 20th ed., or 21st ed., Method 5310 B (High Temperature Combustion Method) . . . or NERL Method 415.3 (rev. 1.1)” to “high temperature combustion: Standard Methods, 19th, 20th, or 21st ed., Method 5310 C or NERL Method 415.3 (rev. 1.1)” and moved it to subsection (d)(4)(A)(i), changed the reference to “Standard Methods, 19th ed., 20th ed., or 21st ed., . . . Method 5310 C (Persulfate-Ultraviolet or Heated-Persulfate Oxidation Method) . . . or NERL Method 415.3 (rev. 1.1)” to “persulfate-ultraviolet or heated-persulfate oxidation: Standard Methods, 19th, 20th, or 21st ed., Method 5310 C or NERL Method

		415.3 (rev. 1.1)” and moved it to subsection (d)(4)(A)(ii), and changed the reference to “Standard Methods, 19th ed., 20th ed., or 21st ed., . . . Method 5310 D (Wet-Oxidation Method) . . . or NERL Method 415.3 (rev. 1.1)” to “wet oxidation: Standard Methods, 19th, 20th, or 21st ed., Method 5310 D or NERL Method 415.3 (rev. 1.1)””; changed the ending semicolon to a period and removed the ending conjunction “and”
611.381(d)(4)(A)(i)	Board	Added the method description, “high temperature combustion,” as revised and moved from subsection (d)(4)(A); added the short-form method designations, “Standard Methods, 19th, 20th, or 21st ed., Method 5310 B or NERL Method 415.3 (rev. 1.1),” as revised and moved from subsection (d)(4)(A)
611.381(d)(4)(A)(ii)	Board	Added the method description, “persulfate-ultraviolet or heated-persulfate oxidation,” as revised and moved from subsection (d)(4)(A); added the short-form method designations, “Standard Methods, 19th, 20th, or 21st ed., Method 5310 C or NERL Method 415.3 (rev. 1.1),” as revised and moved from subsection (d)(4)(A)
611.381(d)(4)(A)(iii)	Board	Added the method description, “wet oxidation,” as revised and moved from subsection (d)(4)(A); added the short-form method designations, “Standard Methods, 19th, 20th, or 21st ed., Method 5310 D or NERL Method 415.3 (rev. 1.1),” as revised and moved from subsection (d)(4)(A)
611.381(d)(4)(A) Board note	Board	Deleted the explanation of the Board’s citation to the 21st edition, rather than to Standard Methods Online, following USEPA’s January 4, 2006 amendments; changed “USEPA later added Method 5310 B, C, or D from the 21st edition of Standard Methods . . . 40 CFR 141, added on June 3, 2008 (at 73 Fed. Reg. 31616)” to USEPA added Standard Methods, 21st ed., Methods 5310 B, C, or D . . . 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616)”
611.381(d)(4)(B)	Board	Added “by spectrometry” after “ultraviolet absorption at 154 nm (UV ₂₅₄)” followed by a colon for the method description; added “Standard Methods, 19th, 20th, or 21st ed.” and an offsetting comma before “5910 B”; removed the redundant designation “(Ultraviolet Absorption Method)” from after the method designation “Method 5910 B”
611.381(d)(4)(B) Board note	Board	Deleted the explanation of the Board’s citation to the 21st edition, rather than to Standard Methods Online, following USEPA’s January 4, 2006 amendments;

		changed “USEPA later added Method 5310 B, C, or D from the 21st edition of Standard Methods . . . 40 CFR 141, added on June 3, 2008 (at 73 Fed. Reg. 31616)” to USEPA added Standard Methods, 21st ed., Methods 5310 B, C, or D . . . 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616)”
611.381 Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available, including deletion of an obsolete <i>Federal Register</i> citation to later amendments
611.381(b)(3)(B)(ii)	Board	Removed the unnecessary version number “(rev. 2.0)” from the method number “317.0”; removed the unnecessary version number “(rev. 1.0)” from the method number “326.0”
611.382 Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available, including deletion of an obsolete <i>Federal Register</i> citation to later amendments
611.526(c)(1)	Board	Changed the colon to a comma after “21st ed.”
611.526(c)(2)	Board	Changed the colon after “21st ed.” to a comma
611.526(c)(3)	Board	Changed the colon after “21st ed.” to a comma
611.526(c)(4)	Board	Changed the colon after “21st ed.” to a comma
611.526(c)(5) Board note	Board	Changed the colon after “Methods” to a comma
611.526(c)(8)	Board	Changed “Readycult Coliforms 100 Presence/Absence Test” to the revised short-form method designation “Readycult® 2000”
611.526(c)(9)	Board	Changed “Membrane Filter Technique using Chromocult Coliform Agar” to the revised short-form method designation “Chromocult® Method”
611.526(c) Board note	Board	Deleted the explanation of the Board’s citation to the 21st edition, rather than to Standard Methods Online, following USEPA’s March 12, 2007 amendments; changed “USEPA later added Methods 9221 A, B, and D; 9222 A, B, and C; and 9223 from the 21st edition of Standard Methods . . . 40 CFR 141, added on June 3, 2008 (at 73 Fed. Reg. 31616)” to “USEPA added Standard Methods, 21st ed., Methods 9221 A, B, and D; 9222 A, B, and C; and 9223 . . . 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616)”
611.526(e)(3)	Board	Changed the colon after “21st ed.” to a comma
611.526(f)(2)	Board	Changed the colon after “21st ed.” to a comma (twice)
611.526(f)(8)	Board	Changed “Readycult Coliforms 100 Presence/Absence Test” to the revised short-form method designation “Readycult® 2000”
611.526(f)(9)	Board	Changed “Membrane Filter Technique using

		Chromocult Coliform Agar” to the revised short-form method designation “Chromocult® Method”
611.526(g)	Board	Removed the unnecessary comma after “coliform-positive, MUG-negative”
611.526 Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available, including deletion of an obsolete <i>Federal Register</i> citation to later amendments
611.531(a)	Board	Changed “shall do” to “must conduct analyses”
611.531(a)(1)	Board	Added “the supplier must” before “conduct”; changed “analyses of” to “analyses for”
611.531(a)(2)	Board	Added “the supplier must” before “conduct”; changed “analyses of” to “analyses for”
611.531(a)(2)(A)(i)	Board	Changed the colon after “21st ed.” to a comma
611.531(a)(2)(A)(ii)	Board	Changed the colon after “21st ed.” to a comma
611.531(a)(2)(A)(iii) Board Note	Board	Changed the colon after “Methods” to a comma
611.531(a)(2)(A) Board note	Board	Added explanation of USEPA’s addition of Standard Methods, 21st ed., Methods 9221 A, B, and C; 9222 A, B, and C; and 9223 as approved alternative methods for total coliform in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616).
611.531(a)(2)(B)(i)	Board	Changed the colon after “21st ed.” to a comma
611.531(a)(2)(B)(ii)	Board	Changed the colon after “21st ed.” to a comma
611.531(a)(2)(B) Board note	Board	Added explanation of USEPA’s addition of Standard Methods, 21st ed., Methods 9221 E and 9222 D as approved alternative methods for fecal coliform in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616).
611.531(a)(2)(C)	Board	Changed the colon after “21st ed.” to a comma
611.531(a)(2)(C) Board note	Board	Added explanation of USEPA’s addition of Standard Methods, 21st ed., Method 9215 B as an approved alternative method for heterotrophic bacteria in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616).
611.531(a)(2)(D) Board note	JCAR	Added a missing comma after “e.g.”
611.531(a)(2)(D)(i)	Board	Changed the colon after “21st ed.” to a comma
611.531(a)(2)(D)(ii)	Board	Changed the colon after “Methods” to a comma; added “(rev. 2.0)” after “180.1”; added a missing ending period
611.531(a)(2)(A) Board note	Board	Added the revised information specific to total coliforms from the Board note removed from subsection (a)(2), “USEPA added Standard Methods, 21st ed., Methods 9221 A, B, and C; 9222 A, B, and C;

		and 9223 for total coliforms in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616)”
611.531(a)(2)(B) Board note	Board	Added the revised information specific to fecal coliforms from the Board note removed from subsection (a)(2), “USEPA added Standard Methods, 21st ed., Methods 9221 E and 9222 D for fecal coliforms in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616)”
611.531(a)(2)(C) Board note	Board	Added the revised information specific to heterotrophic bacteria from the Board note removed from subsection (a)(2), “USEPA added Standard Methods, 21st ed., Methods 9215 B for heterotrophic bacteria in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616)”
611.531(a)(2)(D) Board note	Board	Added the revised information specific to turbidity from the Board note removed from subsection (c)(1), “USEPA added Standard Methods, 21st ed., Method 9130 B for turbidity in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616)”
611.531(a)(2)(E)	Board	Changed the colon after “21st ed.” to a comma
611.531(a)(2) Board note	Board	Changed “USEPA later added 2130 B; Method 9215 B; Method 9221 A, B, C, and E; Method 9222 A, B, C, and D; and Method 9223 from the 21st edition of Standard Methods as an approved alternative method for in appendix A to subpart C of 40 CFR 141, added on June 3, 2008 (at 73 Fed. Reg. 31616)” to “USEPA added Standard Methods, 21st ed., Methods 9221 A, B, and C; 9222 A, B, and C; and 9223 as approved alternative methods for total coliform in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616),” for fecal coliforms in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616),” in the Board note appended to subsection (a)(2)(A), “USEPA added Standard Methods, 21st ed., Methods 9221 E and 9222 D as approved alternative methods for fecal coliforms in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616),” for fecal coliforms in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616),” in the Board note appended to subsection (a)(2)(B), to “USEPA added Standard Methods, 21st ed., Method 9215 B as an approved alternative method for heterotrophic bacteria in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616),” in the Board note appended to subsection (a)(2)(C), and to “USEPA added Standard Methods, 21st ed., Method

		9130 B as an approved alternative method for turbidity in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616),” in the Board note appended to subsection (a)(2)(D); deleted the explanation of the Board’s citation to the 21st edition, rather than to Standard Methods Online, following USEPA’s March 12, 2007 amendments, and moved the divided note material to new Board notes appended to each of subsections (a)(2)(A) through (a)(2)(D) that consolidates separately sets forth the information specific to each microbiological contaminant in an individual Board note
611.531(b)(1)(A)(i)	JCAR	Changed the colon after “21st ed.” to a comma
611.531(b)(1)(A)(ii)	Board	Changed “D 1253-03” to “D1253-03”
611.531(b)(1)(B)	Board	Changed the colon after “21st ed.” to a comma
611.531(b)(1)(C)	Board	Changed the colon after “21st ed.” to a comma
611.531(b)(1)(D)	Board	Changed the colon after “21st ed.” to a comma
611.531(b)(1) Board note	Board	Added explanation of USEPA’s addition of Standard Methods, 21st ed., Methods 4500-C1 D, F, G, and H; Method 4500-C1O ₂ C and E as approved alternative methods for free chlorine in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616) as revised and moved from the Board note formerly attached to subsection (b).
611.531(b)(2)(A)(i)	JCAR	Changed the colon after “21st ed.” to a comma
611.531(b)(2)(A)(ii)	Board	Changed “D 1253-03” to “D1253-03”
611.531(b)(2)(B)	Board	Changed the colon after “21st ed.” to a comma
611.531(b)(2)(C)	Board	Changed the colon after “21st ed.” to a comma
611.531(b)(2)(D)	Board	Changed the colon after “21st ed.” to a comma
611.531(b)(2)(E)	Board	Changed the colon after “21st ed.” to a comma
611.531(b)(2) Board note	Board	Added explanation of USEPA’s addition of Standard Methods, 21st ed., Method 4500-C1 D, E, F, G, and I as approved alternative methods for total chlorine in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616) as revised and moved from the Board note formerly attached to subsection (b).
611.531(b)(3)(A)	Board	Changed the colon after “21st ed.” to a comma
611.531(b)(3)(B)	Board	Changed the colon after “21st ed.” to a comma
611.531(b)(3) Board note	Board	Added explanation of USEPA’s addition of Standard Methods, 21st ed., Method 4500-C1O ₂ C, D, and E; and Method 4500-O ₃ B as approved alternative methods for chlorine dioxide in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616).

611.531(b)(3)(C)	Board	Added “(rev. 1.1)” after “327.0”
611.531(b)(4)	Board	Changed the colon after “21st ed.” to a comma
611.531(b) Board Note	Board	Deleted the explanation of the Board’s citation to the 21st edition, rather than to Standard Methods Online, following USEPA’s March 12, 2007 amendments; changed “USEPA later added Methods 9221 A, B, and D; 9222 A, B, and C; and 9223 from the 21st edition of Standard Methods . . . 40 CFR 141, added on June 3, 2008 (at 73 Fed. Reg. 31616)” to “USEPA added Standard Methods, 21st ed., Methods 4500-CI D, F, G, and H; Method 4500-CIO ₂ C and E . . . 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616),” in the new note appended to subsection (b)(1), to “USEPA added Standard Methods, 21st ed., Methods 4500-CI D, E, F, G, and I . . . 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616),” in the new note appended to subsection (b)(1), to “USEPA added Standard Methods, 21st ed., Method 4500-CIO ₂ C, D, and E and Method 4500-O ₃ B . . . 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616)”
611.531 Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available, including deletion of an obsolete <i>Federal Register</i> citation to later amendments
611.611(a)(1)(A)(ii)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(1)(A)(ii) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(1) in its entirety
611.611(a)(1)(B)	Board	Changed the colon after “Methods” to a comma
611.611(a)(1) Board note	Board	Appended “USEPA added Standard Methods, 21st ed., Method 2320 B” before the text “as an approved method . . . (at 73 Fed. Reg. 31616)” moved from the former note appended to subsection (a)(1)(A)(ii); added “for alkalinity” after “alternative method”
611.611(a)(2)(A)	Board	Changed the colon after “Methods” to a comma; added “(rev. 5.3)” after “200.8”
611.611(a)(2)(C)	Board	Changed the colon after “Methods” to a comma; added “(rev. 2.2)” after “200.9”
611.611(a)(2)(D)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(2)(D) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online relative to the March 12, 2007 USEPA amendments; changed “USEPA later added Method

		3113 B from the 21st edition of Standard Methods” to “Standard Methods, 21st ed., Method 3113 B,” removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the text in the new note appended to subsection (a)(2)
611.611(a)(2)(E)	Board	Changed “USEPA Method 200.5” to the Board’s short-form method designation “USEPA NERL Method 200.5”
611.611(a)(2)(E) Board note	Board	Changed “this method” to “USEPA NERL Method 200.5”; added “for antimony” after “alternative method” and placed the text in the new note appended to subsection (a)(2)
611.611(a)(2) Board note	Board	Appended “USEPA added Standard Methods, 21st ed., Method 3113 B as an approved method . . . (at 73 Fed. Reg. 31616)” moved from the former note appended to subsection (a)(2)(D); added “for antimony” after “alternative method”
611.611(a)(3)(A)	Board	Changed the colon after “Methods” to a comma; added “(rev. 5.3)” after “200.8”
611.611(a)(3)(B)	Board	Changed the colon after “Methods” to a comma; added “(rev. 2.2)” after “200.9”
611.611(a)(3)(C)(i)	Board	Changed “2972-03 C” to “D 2972-03 C”
611.611(a)(3)(C)(ii)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(3)(C)(ii) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(3) in its entirety
611.611(a)(3)(D)(i)	Board	Changed “2972-03 C” to “D 2972-03 C”
611.611(a)(3)(D)(ii)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(3)(D)(ii) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(3) in its entirety
611.611(a)(3)(E)	Board	Changed “USEPA Methods: Method 200.5” to the defined name “USEPA NERL Method 200.5”
611.611(a)(3)(E) Board note	Board	Removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(3) in its entirety
611.611(a)(3) Board	Board	Appended “USEPA added Standard Methods, 21st ed.,

note		Method 3113 B and 3114 B and USEPA NERL Method 200.5” before the text “as approved methods . . . (at 73 Fed. Reg. 31616)” moved from the former notes appended to subsections (a)(3)(C)(ii), (a)(3)(D)(ii), and (a)(3)(E); changed singular “as an approved method” to plural “as approved methods”; added “for arsenic” after “alternative method”
611.611(a)(4)	Board	Changed “USEPA Asbestos Methods-100.1 or USEPA Asbestos Methods-100.2” to “USEPA Asbestos Method 100.1 or USEPA Asbestos Method 100.2”
611.611(a)(5)(A)(i)	Board	Changed the colon after “Methods” to a comma; added “(rev. 4.4)” after “200.7”
611.611(a)(5)(A)(ii)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(5)(A)(ii) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(5) in its entirety
611.611(a)(5)(B)	Board	Changed the colon after “Methods” to a comma; added “(rev. 5.3)” after “200.8”
611.611(a)(5)(C)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(5)(C) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(5) in its entirety
611.611(a)(5)(D)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(5)(D) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(5) in its entirety
611.611(a)(5)(E)	Board	Changed “USEPA Methods: Method 200.5” to Board’s short-form method designation “USEPA NERL Method 200.5”
611.611(a)(5)(E) Board note	Board	Removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(5) in its entirety
611.611(a)(5) Board note	Board	Appended “USEPA added Standard Methods, 21st ed., Method 3111D, 3113 B, and 3120 B and USEPA NERL Method 200.5” before the text “as approved

		methods . . . (at 73 Fed. Reg. 31616)” moved from the former notes appended to subsections (a)(5)(A)(ii), (a)(5)(C), (a)(5)(D), and (a)(5)(E); changed singular “as an approved method” to plural “as approved methods”; added “for barium” after “alternative method”
611.611(a)(6)(A)(i)	Board	Changed the colon after “Methods” to a comma; added “(rev. 4.4)” after “200.7”
611.611(a)(6)(A)(ii)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(6)(A)(ii) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(6) in its entirety
611.611(a)(6)(B)	Board	Changed the colon after “Methods” to a comma; added “(rev. 5.3)” after “200.8”
611.611(a)(6)(C)	Board	Changed the colon after “Methods” to a comma; added “(rev. 2.2)” after “200.9”
611.611(a)(6)(D)(ii)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(6)(D)(ii) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(6) in its entirety
611.611(a)(6)(E)	Board	Changed “USEPA Methods: Method 200.5” to the defined name “USEPA NERL Method 200.5”
611.611(a)(6)(E) Board note	Board	Removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(6) in its entirety
611.611(a)(6) Board note	Board	Appended “USEPA added Standard Methods, 21st ed., Method 3111D, 3113 B, and 3120 B and USEPA NERL Method 200.5” before the text “as approved methods . . . (at 73 Fed. Reg. 31616)” moved from the former notes appended to subsections (a)(6)(A)(ii), (a)(6)(D)(ii), and (a)(6)(E); changed singular “as an approved method” to plural “as approved methods”; added “for beryllium” after “alternative method”
611.611(a)(7)(A)	Board	Changed the colon after “Methods” to a comma; added “(rev. 4.4)” after “200.7”
611.611(a)(7)(B)	Board	Changed the colon after “Methods” to a comma; added “(rev. 5.3)” after “200.8”
611.611(a)(7)(C)	Board	Changed the colon after “Methods” to a comma; added “(rev. 2.2)” after “200.9”

611.611(a)(7)(D)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(7)(D) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(7) in its entirety
611.611(a)(7)(E)	Board	Changed “USEPA Methods: Method 200.5” to the defined name “USEPA NERL Method 200.5”
611.611(a)(7)(E) Board note	Board	Removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(7) in its entirety
611.611(a)(7) Board note	Board	Appended “USEPA added Standard Methods, 21st ed., Method 3113 B and USEPA NERL Method 200.5” before the text “as approved methods . . . (at 73 Fed. Reg. 31616)” moved from the former notes appended to subsections (a)(7)(D) and (a)(7)(E); changed singular “as an approved method” to plural “as approved methods”; added “for cadmium” after “alternative method”
611.611(a)(8)(A)(ii)	Board	Changed the colon after “19th ed.” to a comma; changed the colon after “21st ed.” to a comma
611.611(a)(8)(A)(ii) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(8) in its entirety
611.611(a)(8)(B)(ii)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(8)(B)(ii) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(8) in its entirety
611.611(a)(8)(C)(i)	Board	Changed the colon after “Methods” to a comma; added “(rev. 4.4)” after “200.7”
611.611(a)(8)(C)(ii)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(8)(C)(ii) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(8) in its entirety

611.611(a)(8)(E)	Board	Changed “USEPA Methods: Method 200.5” to the defined name “USEPA NERL Method 200.5”
611.611(a)(8)(E) Board note	Board	Removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(8) in its entirety
611.611(a)(8) Board note	Board	Appended “USEPA added Standard Methods, 21st ed., Method 3111D, 3113 B, and 3120 B and USEPA NERL Method 200.5” before the text “as approved methods . . . (at 73 Fed. Reg. 31616)” moved from the former notes appended to subsections (a)(8)(A)(ii), (a)(8)(B)(ii), (a)(8)(C)(ii), and (a)(8)(E); changed singular “as an approved method” to plural “as approved methods”; added “for calcium” after “alternative method”
611.611(a)(9)(A)(i)	Board	Changed the colon after “Methods” to a comma; added “(rev. 4.4)” after “200.7”
611.611(a)(9)(A)(ii)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(9)(A)(ii) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(9) in its entirety
611.611(a)(9)(B)	Board	Changed the colon after “Methods” to a comma; added “(rev. 5.3)” after “200.8”
611.611(a)(9)(C)	Board	Changed the colon after “Methods” to a comma; added “(rev. 2.2)” after “200.9”
611.611(a)(9)(D)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(9)(D) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(9) in its entirety
611.611(a)(9)(E)	Board	Changed “USEPA Methods: Method 200.5” to the defined name “USEPA NERL Method 200.5”
611.611(a)(9)(E) Board note	Board	Removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(9) in its entirety
611.611(a)(9) Board note	Board	Appended “USEPA added Standard Methods, 21st ed., Method 3111D and 3120 B and USEPA NERL Method 200.5” before the text “as approved methods . . . (at 73 Fed. Reg. 31616)” moved from the former notes

		appended to subsections (a)(9)(A)(ii), (a)(9)(D), and (a)(9)(E); changed singular “as an approved method” to plural “as approved methods”; added “for chromium” after “alternative method”
611.611(a)(10)(A)(ii)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(10)(A)(ii) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(10) in its entirety
611.611(a)(10)(B)(i)	Board	Corrected “1688-02 A” to “D1688-02 A”
611.611(a)(10)(B)(ii)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(10)(B)(ii) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(10) in its entirety
611.611(a)(10)(C)(i)	Board	Changed the colon after “Methods” to a comma; added “(rev. 4.4)” after “200.7”
611.611(a)(10)(C)(ii)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(10)(C)(ii) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(10) in its entirety
611.611(a)(10)(D)	Board	Changed the colon after “Methods” to a comma; added “(rev. 5.3)” after “200.8”
611.611(a)(10)(E)	Board	Changed the colon after “Methods” to a comma; added “(rev. 2.2)” after “200.9”
611.611(a)(10)(F)	Board	Changed “USEPA Methods: Method 200.5” to the defined name “USEPA NERL Method 200.5”
611.611(a)(10)(F) Board note	Board	Removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(10) in its entirety
611.611(a)(10) Board note	Board	Appended “USEPA added Standard Methods, 21st ed., Method 3111B, 3113 B, and 3120 B and USEPA NERL Method 200.5” before the text “as approved methods . . . (at 73 Fed. Reg. 31616)” moved from the former notes appended to subsections (a)(10)(A)(ii), (a)(10)(B)(ii), (a)(10)(C)(ii), and (a)(10)(F); changed singular “as an approved method” to plural “as

		approved methods”; added “for copper” after “alternative method”
611.611(a)(11)(B)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(11)(B) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(11) in its entirety
611.611(a)(11) Board note	Board	Appended “USEPA added Standard Methods, 21st ed., Method 2510 B” before the text “as an approved method . . . (at 73 Fed. Reg. 31616)” moved from the former note appended to subsection (a)(11)(B); added “for corrosivity” after “alternative method”
611.611(a)(12)(A)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(12)(A)(i)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(12)(A)(i) Board note	Board	Removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(12) in its entirety
611.611(a)(12)(A)(ii) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(12) in its entirety
611.611(a)(12)(B)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(12)(B)(i)	Board	Corrected “2036-06 A” to “D2036-06 A”
611.611(a)(12)(B)(ii)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(12)(B)(ii) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(12) in its entirety
611.611(a)(12)(C)	Board	Added “(rev. 1.0)” after “335.4”
611.611(a)(12)(D)(ii) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(12) in its entirety
611.611(a)(12)(B)(iii)	Board	Changed the colon after “Methods” to a comma
611.611(a)(12)(C)	Board	Changed the colon after “Methods” to a comma; added

		“(rev. 1.0)” after “335.4”
611.611(a)(12)(D)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(12) Board note	Board	Appended “USEPA added ASTM Method D2036-06 B and Standard Methods, 21st ed., Methods 4500-CN E, F, and G” before the text “as approved methods . . . (at 73 Fed. Reg. 31616)” moved from the former notes appended to subsections (a)(12)(A)(i), (a)(12)(A)(ii), (a)(12)(B)(ii), and (a)(12)(D); changed singular “as an approved method” to plural “as approved methods”; added “for cyanide” after “alternative method”; added “USEPA added Method ME355.01 . . . (at 74 Fed. Reg. 38348).” to explain the addition of an approved alternative method
611.611(a)(13)(A)(i)	Board	Changed “USEPA Environmental Inorganic Methods: Method 300.0” to the Board’s short-form method designation “USEPA Environmental Inorganic Methods, Method 300.0 (rev. 2.1)”; changed “Method 300.1” to the Board’s short-form method designation “USEPA Organic and Inorganic Methods, Method 300.1 (rev. 1.0)”
611.611(a)(13)(A)(iii)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(13)(A)(iii) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(13) in its entirety
611.611(a)(13)(B)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(13)(B) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(13) in its entirety
611.611(a)(13)(C)(i) Board note	Board	Removed the word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(13) in its entirety
611.611(a)(13)(C)(ii)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(13)(C)(ii) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(13) in its entirety

611.611(a)(13)(D)	Board	Changed the colon after “Methods” to a comma
611.611(a)(13)(E)(ii)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(13)(E)(i) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(13) in its entirety
611.611(a)(13)(E)(ii)	Board	Changed the colon after “Methods” to a comma
611.611(a)(13) Board note	Board	Appended “USEPA added Standard Methods, 21st ed., Methods 4110 B and 4500 B, C, D, and E and ASTM Method D1179-04 B” before the text “as approved methods . . . (at 73 Fed. Reg. 31616)” moved from the former notes appended to subsections (a)(13)(A)(i), (a)(13)(A)(iii), (a)(13)(B), (a)(13)(C)(i), (a)(13)(C)(ii), and (a)(13)(E)(i); changed singular “as an approved method” to plural “as approved methods”; added “for fluoride” after “alternative method”
611.611(a)(14)(A)(ii)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(14)(A)(ii) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(14) in its entirety
611.611(a)(14)(B)	Board	Changed the colon after “Methods” to a comma; added “(rev. 5.3)” after “200.8”
611.611(a)(14)(C)	Board	Changed the colon after “Methods” to a comma; added “(rev. 2.2)” after “200.9”
611.611(a)(14)(E)	Board	Changed “USEPA Methods: Method 200.5” to the defined name “USEPA NERL Method 200.5”
611.611(a)(14)(E) Board note	Board	Removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(14) in its entirety
611.611(a)(14) Board note	Board	Appended “USEPA added Standard Methods, 21st ed., Method 3113 B and USEPA NERL Method 200.5” before the text “as approved methods . . . (at 73 Fed. Reg. 31616)” moved from the former notes appended to subsections (a)(14)(A)(ii) and (a)(14)(E); changed singular “as an approved method” to plural “as approved methods”; added “for lead” after “alternative method”
611.611(a)(15)(A)(ii)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(15)(A)(ii)	Board	Removed the explanation of the use of the 21st edition

Board note		of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(15) in its entirety
611.611(a)(15)(B)(i)	Board	Changed the colon after “Methods” to a comma; added “(rev. 4.4)” after “200.7”
611.611(a)(15)(B)(ii)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(15)(B)(ii) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(15) in its entirety
611.611(a)(15)(C)(ii)	Board	Changed the colon after “19th ed.” to a comma; changed the colon after “21st ed.” to a comma
611.611(a)(15)(C)(ii) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(15) in its entirety
611.611(a)(15)(E)	Board	Changed “USEPA Methods: Method 200.5” to the defined name “USEPA NERL Method 200.5”
611.611(a)(15)(E) Board note	Board	Removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(15) in its entirety
611.611(a)(15) Board note	Board	Appended “USEPA added Standard Methods, 21st ed., Methods 3111 B, 3120 B, and 3500-Mg B and USEPA NERL Method 200.5” before the text “as approved methods . . . (at 73 Fed. Reg. 31616)” moved from the former notes appended to subsections (a)(15)(A)(i), (a)(15)(A)(ii), (a)(15)(B)(ii), (a)(15)(C)(ii), (a)(15)(C)(ii), and (a)(15)(E); changed singular “as an approved method” to plural “as approved methods”; added “for magnesium” after “alternative method”
611.611(a)(16)(A)(i)	Board	Changed the colon after “Methods” to a comma; added “(rev. 3.0)” after “245.1”
611.611(a)(16)(A)(iii)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(16)(A)(iii) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection

		(a)(16) in its entirety
611.611(a)(16)(B)	Board	Changed the colon after “Methods” to a comma
611.611(a)(16)(C)	Board	Changed the colon after “Methods” to a comma; added “(rev. 5.3)” after “200.8”
611.611(a)(16) Board note	Board	Appended “USEPA added Standard Methods, 21st ed., Methods 3112B” before the text “as approved methods . . . (at 73 Fed. Reg. 31616)” moved from the former notes appended to subsection (a)(13)(A)(iii); added “for mercury” after “alternative method”
611.611(a)(17)(A)(i)	Board	Changed the colon after “Methods” to a comma; added “(rev. 4.4)” after “200.7”
611.611(a)(17)(A)(ii)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(17)(A)(ii) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(17) in its entirety
611.611(a)(17)(B)	Board	Changed the colon after “Methods” to a comma; added “(rev. 5.3)” after “200.8”
611.611(a)(17)(C)	Board	Changed the colon after “Methods” to a comma; added “(rev. 2.2)” after “200.9”
611.611(a)(17)(D)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(17)(D) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(17) in its entirety
611.611(a)(17)(E)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(17)(F)	Board	Changed “USEPA Methods: Method 200.5” to the defined name “USEPA NERL Method 200.5”
611.611(a)(17)(F) Board note	Board	Removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(17) in its entirety
611.611(a)(17) Board note	Board	Appended “USEPA added Standard Methods, 21st ed., Methods 3111B, 3113 B, and 3120 B and USEPA NERL Method 200.5” before the text “as approved methods . . . (at 73 Fed. Reg. 31616)” moved from the former notes appended to subsections (a)(17)(A)(ii), (a)(17)(D), (a)(17)(E), and (a)(17)(F); changed singular “as an approved method” to plural “as approved methods”; added “for magnesium” after “alternative

		method”
611.611(a)(18)(A)(i)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(18)(A)(i)	Board	Changed “USEPA Environmental Inorganic Methods: Method 300.0” to the Board’s short-form method designation “USEPA Environmental Inorganic Methods, Method 300.0 (rev. 2.1)”; changed “Method 300.1” to the Board’s short-form method designation “USEPA Organic and Inorganic Methods, Method 300.1 (rev. 1.0)”
611.611(a)(18)(A)(iii)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(18)(A)(iii) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(18) in its entirety
611.611(a)(18)(B)(i)	Board	Changed the colon after “Methods” to a comma; added “(rev. 2.0)” after “353.2”
611.611(a)(18)(B)(iii)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(18)(B)(iii) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(18) in its entirety
611.611(a)(18)(C)(i)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(18)(C)(i) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(18) in its entirety
611.611(a)(18)(D)(ii)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(18)(D)(ii) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(18) in its entirety
611.611(a)(18) Board note	Board	Appended “USEPA added Standard Methods, 21st ed., Methods 4110 B and 4500-NO ³⁻ D, E, and F” before the text “as approved methods . . . (at 73 Fed. Reg. 31616)” moved from the former notes appended to subsections (a)(18)(A)(iii), (a)(18)(B)(iii), (a)(18)(C)(i), and (a)(18)(D)(ii); changed singular “as an approved

		method” to plural “as approved methods”; added “for nitrate” after “alternative method”; added “USEPA added Systea Easy (1-Reagent) . . . (at 74 Fed. Reg. 38348).” to explain the addition of an approved alternative method
611.611(a)(19)(A)(i)	Board	Changed “USEPA Environmental Inorganic Methods: Method 300.0” to the Board’s short-form method designation “USEPA Environmental Inorganic Methods, Method 300.0 (rev. 2.1)”; changed “Method 300.1” to the Board’s short-form method designation “USEPA Organic and Inorganic Methods, Method 300.1 (rev. 1.0)”
611.611(a)(19)(A)(iii)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(19)(A)(iii) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(19) in its entirety
611.611(a)(19)(B)(i)	Board	Changed the colon after “Methods” to a comma
611.611(a)(19)(B)(i)	Board	Added “(rev. 2.0)” after “353.2”
611.611(a)(19)(B)(iii)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(19)(B)(iii) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(19) in its entirety
611.611(a)(19)(C)(ii)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(19)(C)(ii) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(19) in its entirety
611.611(a)(19)(D)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(19)(D) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(19) in its entirety
611.611(a)(19) Board note	Board	Appended “USEPA added Standard Methods, 21st ed., Methods 4110 B and 4500-NO ³⁻ D, E, and F” before the text “as approved methods . . . (at 73 Fed. Reg.

		31616)” moved from the former notes appended to subsections (a)(19)(A)(iii), (a)(19)(B)(iii), (a)(19)(C)(ii), and (a)(19)(D); changed singular “as an approved method” to plural “as approved methods”; added “for nitrite” after “alternative method”; added “USEPA added Sysstea Easy (1-Reagent) . . . (at 74 Fed. Reg. 38348).” to explain the addition of an approved alternative method
611.611(a)(20)(A)(i)	Board	Changed the colon after “Methods” to a comma; added “(rev. 2.0)” after “365.1”
611.611(a)(20)(A)(ii)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(20)(A)(ii) Board note	Board	Removed the word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(20) in its entirety
611.611(a)(20)(B)(ii)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(20)(B)(ii) Board note	Board	Removed the word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(20) in its entirety
611.611(a)(20)(C)	Board	Changed the colon after “Methods” to a comma
611.611(a)(20)(D)	Board	Changed the colon after “Methods” to a comma
611.611(a)(20)(E)	Board	Changed the colon after “Methods” to a comma
611.611(a)(20)(F)(i)	Board	Changed the colon after “Methods” to a comma; changed “USEPA Environmental Inorganic Methods: Method 300.0” to the Board’s short-form method designation “USEPA Environmental Inorganic Methods, Method 300.0 (rev. 2.1)”; changed “Method 300.1” to the Board’s short-form method designation “USEPA Organic and Inorganic Methods, Method 300.1 (rev. 1.0)”
611.611(a)(20)(F)(iii)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(20)(F)(iii) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(20) in its entirety
611.611(a)(20) Board note	Board	Appended “USEPA added Standard Methods, 21st ed., Methods 4110 B and 4500-NO ³⁻ D, E, and F” before the text “as approved methods . . . (at 73 Fed. Reg. 31616)” moved from the former notes appended to subsections (a)(20)(A)(ii), (a)(20)(B)(ii), and (a)(20)(F)(iii); changed singular “as an approved method” to plural “as approved methods”; added “for

		orthophosphate” after “alternative method”
611.611(a)(21)(A)	Board	Changed the colon after “Methods” to a comma
611.611(a)(21)(C)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(21)(C) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(21) in its entirety
611.611(a)(21) Board note	Board	Appended “USEPA added Standard Methods, 21st ed., Method 4500-H ⁺ B” before the text “as approved methods . . . (at 73 Fed. Reg. 31616)” moved from the former notes appended to subsections (a)(21)(C); changed singular “as an approved method” to plural “as approved methods”; added “for pH” after “alternative method”
611.611(a)(22)(A)(ii)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(22)(A)(ii) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(22) in its entirety
611.611(a)(22)(B)	Board	Changed the colon after “Methods” to a comma; added “(rev. 5.3)” after “200.8”
611.611(a)(22)(C)	Board	Changed the colon after “Methods” to a comma; added “(rev. 2.2)” after “200.9”
611.611(a)(22)(D)(ii)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(22)(D)(ii) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(22) in its entirety
611.611(a)(22)(E)	Board	Changed “USEPA Methods: Method 200.5” to the defined name “USEPA NERL Method 200.5”
611.611(a)(22)(E) Board note	Board	Removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(22) in its entirety
611.611(a)(22) Board note	Board	Appended “USEPA added Standard Methods, 21st ed., Methods 3113 B and 3114 B and USEPA NERL Method 200.5” before the text “as approved methods . . . (at 73 Fed. Reg. 31616)” moved from the former notes appended to subsections (a)(22)(A)(ii),

		(a)(22)(D)(ii), and (a)(22)(E); changed singular “as an approved method” to plural “as approved methods”; added “for selenium” after “alternative method”
611.611(a)(23)(A)	Board	Changed the colon after “Methods” to a comma
611.611(a)(23)(B)	Board	Changed the colon after “Methods” to a comma
611.611(a)(23)(C) Board note	Board	Removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(23) in its entirety
611.611(a)(23)(D)	Board	Changed the colon after “19th ed.” to a comma; changed the colon after “21st ed.” to a comma
611.611(a)(23)(D) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(23) in its entirety
611.611(a)(23)(E)	Board	Changed the colon after “19th ed.” to a comma; changed the colon after “21st ed.” to a comma
611.611(a)(23)(E) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(23) in its entirety
611.611(a)(23)(F)	Board	Changed the colon after “19th ed.” to a comma; changed the colon after “21st ed.” to a comma
611.611(a)(23)(F) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(23) in its entirety
611.611(a)(23)(G)(i)	Board	Changed the colon after “Methods” to a comma; added “(rev. 4.4)” after “200.7”
611.611(a)(23)(G)(ii)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(23)(G)(ii) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(23) in its entirety
611.611(a)(23)(H)	Board	Changed “USEPA Methods: Method 200.5” to the defined name “USEPA NERL Method 200.5”

611.611(a)(23)(H) Board note	Board	Removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(23) in its entirety
611.611(a)(23) Board note	Board	Appended “USEPA added ASTM Method D859-05, Standard Methods, 21st ed.; Methods 3120 B and 4500-SiO ₂ C, D, and E; and USEPA NERL Method 200.5” before the text “as approved methods . . . (at 73 Fed. Reg. 31616)” moved from the former notes appended to subsections (a)(23)(A)(ii), (a)(23)(D)(ii), and (a)(23)(E); changed singular “as an approved method” to plural “as approved methods”; added “for silica” after “alternative method”
611.611(a)(24)(A)	Board	Changed the colon after “Methods” to a comma; added “(rev. 4.4)” after “200.7”
611.611(a)(24)(B)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(24)(B) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(24) in its entirety
611.611(a)(24)(D)	Board	Changed “USEPA Methods: Method 200.5” to the defined name “USEPA NERL Method 200.5”
611.611(a)(24)(D) Board note	Board	Removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(24) in its entirety
611.611(a)(24) Board note	Board	Appended “USEPA added Standard Methods, 21st ed.; Method 3111 B and USEPA NERL Method 200.5” before the text “as approved methods . . . (at 73 Fed. Reg. 31616)” moved from the former notes appended to subsections (a)(24)(B) and (a)(24)(D); changed singular “as an approved method” to plural “as approved methods”; added “for sodium” after “alternative method”
611.611(a)(25)	Board	Changed the colon after “21st ed.” to a comma
611.611(a)(25) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online; added “USEPA added Standard Methods, 21st ed.; Method 2550” before the text “as approved alternative methods . . . (at 73 Fed. Reg. 31616)”; added “for sodium” after “alternative method”; removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141”

611.611(a)(26)(A)	Board	Changed the colon after “Methods” to a comma; added “(rev. 5.3)” after “200.8”
611.611(a)(26)(B)	Board	Changed the colon after “Methods” to a comma; added “(rev. 2.2)” after “200.9”
611.611 Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available, including deletion of an obsolete <i>Federal Register</i> citation to later amendments
611.612(a)(2)(A)(iii) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(2) in its entirety
611.612(f)(2)(B)(i)	Board	Added “(rev. 4.4)” after “200.7”
611.612(f)(2)(B)(ii)	Board	Added “(rev. 2.2)” after “200.9”
611.612(a)(2)(C) Board note	Board	Changed “USEPA Methods: Method 200.5” to the defined name “USEPA NERL Method 200.5”
611.612(a)(2)(C)	Board	Removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(2) in its entirety
611.612(a)(2) Board note	Board	Appended “USEPA added Standard Methods, 21st ed.; Methods 3111 B, 3113 B, and 3120 B and USEPA NERL Method 200.5” before the text “as approved methods . . . (at 73 Fed. Reg. 31616)” moved from the former notes appended to subsections (a)(2)(A)(iii) and (a)(2)(C); changed singular “as an approved method” to plural “as approved methods”; added “for iron” after “alternative method”
611.612(a)(3)(A)(iii) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(3) in its entirety
611.612(f)(3)(B)(i)	Board	Added “(rev. 4.4)” after “200.7”
611.612(f)(3)(B)(ii)	Board	Added “(rev. 5.3)” after “200.8”
611.612(f)(3)(B)(iii)	Board	Added “(rev. 2.2)” after “200.9”
611.612(a)(3)(C) Board note	Board	Changed “USEPA Methods: Method 200.5” to the defined name “USEPA NERL Method 200.5”
611.612(a)(3)(C)	Board	Removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(3) in its entirety

611.612(a)(3) Board note	Board	Appended “USEPA added Standard Methods, 21st ed.; Methods 3111 B, 3113 B, and 3120 B and USEPA NERL Method 200.5” before the text “as approved methods . . . (at 73 Fed. Reg. 31616)” moved from the former notes appended to subsections (a)(3)(A)(iii) and (a)(3)(C); changed singular “as an approved method” to plural “as approved methods”; added “for iron” after “alternative method”
611.612(a)(4)(A)(ii) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(4) in its entirety
611.612(f)(4)(B)(i)	Board	Added “(rev. 4.4)” after “200.7”
611.612(f)(4)(B)(ii)	Board	Added “(rev. 5.3)” after “200.8”
611.612(a)(4)(C)	Board	Changed “USEPA Methods: Method 200.5” to the defined name “USEPA NERL Method 200.5”
611.612(a)(4)(C) Board note	Board	Removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(4) in its entirety
611.612(a)(4) Board note	Board	Appended “USEPA added Standard Methods, 21st ed.; Methods 3111 B and 3120 B and USEPA NERL Method 200.5” before the text “as approved methods . . . (at 73 Fed. Reg. 31616)” moved from the former notes appended to subsections (a)(4)(A)(ii) and (a)(4)(C); changed singular “as an approved method” to plural “as approved methods”; added “for iron” after “alternative method”
611.612 Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available (twice), including deletion of an obsolete <i>Federal Register</i> citation to amendments now included in that latest version; corrected “appendix A to 40 CFR 141” to “appendix A to subpart C of 40 CFR 141”
611.645 benzene	Board	Added “(rev. 2.1)” after “502.2”; added “(rev. 4.1)” after “524.2”
611.645 carbon tetrachloride	Board	Added “(rev. 2.1)” after “502.2”; added “(rev. 4.1)” after “524.2”; added “(rev. 1.0)” after “551.1”
611.645 chloro-benzene	Board	Added “(rev. 2.1)” after “502.2”; added “(rev. 4.1)” after “524.2”
611.645 1,2-dichloro-benzene	Board	Added “(rev. 2.1)” after “502.2”; added “(rev. 4.1)” after “524.2”
611.645 1,4-dichloro-	Board	Added “(rev. 2.1)” after “502.2”; added “(rev. 4.1)”

benzene		after “524.2”
611.645 1,2-dichloroethane	Board	Added “(rev. 2.1)” after “502.2”; added “(rev. 4.1)” after “524.2”
611.645 <i>cis</i> -dichloroethylene	Board	Added “(rev. 2.1)” after “502.2”; added “(rev. 4.1)” after “524.2”
611.645 <i>trans</i> -dichloroethylene	Board	Added “(rev. 2.1)” after “502.2”; added “(rev. 4.1)” after “524.2”
611.645 dichloromethane	Board	Added “(rev. 2.1)” after “502.2”; added “(rev. 4.1)” after “524.2”
611.645 1,2-dichloropropane	Board	Added “(rev. 2.1)” after “502.2”; added “(rev. 4.1)” after “524.2”
611.645 ethylbenzene	Board	Added “(rev. 2.1)” after “502.2”; added “(rev. 4.1)” after “524.2”
611.645 styrene	Board	Added “(rev. 2.1)” after “502.2”; added “(rev. 4.1)” after “524.2”
611.645 tetrachloroethylene	Board	Added “(rev. 2.1)” after “502.2”; added “(rev. 4.1)” after “524.2”; added “(rev. 1.0)” after “551.1”
611.645 1,1,1-trichloroethane	Board	Added “(rev. 2.1)” after “502.2”; added “(rev. 4.1)” after “524.2”; added “(rev. 1.0)” after “551.1”
611.645 trichloroethylene	Board	Added “(rev. 2.1)” after “502.2”; added “(rev. 4.1)” after “524.2”; added “(rev. 1.0)” after “551.1”
611.645 toluene	Board	Added “(rev. 2.1)” after “502.2”; added “(rev. 4.1)” after “524.2”
611.645 1,2,4-trichlorobenzene	Board	Added “(rev. 2.1)” after “502.2”; added “(rev. 4.1)” after “524.2”
611.645 1,1-dichloroethylene	Board	Added “(rev. 2.1)” after “502.2”; added “(rev. 4.1)” after “524.2”
611.645 1,1,2-trichloroethane	Board	Added “(rev. 2.1)” after “502.2”; added “(rev. 4.1)” after “524.2”
611.645 vinyl chloride	Board	Added “(rev. 2.1)” after “502.2”; added “(rev. 4.1)” after “524.2”
611.645 xylenes (total)	Board	Added “(rev. 2.1)” after “502.2”; added “(rev. 4.1)” after “524.2”
611.645 dibromochloropropane (DBCP)	Board	Added “(rev. 2.1)” after “502.2”; added “(rev. 4.1)” after “524.2”
611.645 total trihalomethanes (TTHMs)	Board	Added “(rev. 2.1)” after “502.2”; added “(rev. 4.1)” after “524.2”
611.645 2,3,7,8-tetrachlorodibenzodioxin	Board	Added “(rev. B)” after “1613
611.645 2,4-D	Board	Added “(rev. 2.1)” after “515.2”; added “(rev. 1.0)” after “555”; added “(rev. 4.0)” after “515.1”; changed “515.3” to “USEPA Organic and Inorganic Methods, Method 515.3 (rev. 1.0)”; changed “OGWDW

		Methods, Method 515.4” to “USEPA OGWDW Methods: Method 515.4 (rev. 1.0)”
611.645 2,4,5-TP (silvex)	Board	Added “(rev. 2.1)” after “515.2”; added “(rev. 1.0)” after “555”; added “(rev. 4.0)” after “515.1”; changed “515.3” to “USEPA Organic and Inorganic Methods, Method 515.3 (rev. 1.0)”; changed “OGWDW Methods, Method 515.4” to “USEPA OGWDW Methods: Method 515.4 (rev. 1.0)”
611.645 alaclor	Board	Added “(rev. 2.1)” after “505”; added “(rev. 2.1)” after “507”; added “(rev. 2.1)” after “508.1”; added “(rev. 2.0)” after “525.2”; added “(rev. 1.0)” after “551.1”
611.645 atrazine	Board	Added “(rev. 2.1)” after “505”; added “(rev. 2.1)” after “507”; added “(rev. 2.1)” after “508.1”; added “(rev. 2.0)” after “525.2”; added “(rev. 1.0)” after “551.1”
611.645 benzo(a)pyrene	Board	Added “(rev. 2.0)” after “525.2”
611.645 carbofuran	Board	Added “(rev. 3.1)” after “531.1”; changed “OGWDW Methods, Method 531.2” to “USEPA OGWDW Methods: Method 531.2 (rev. 1.0)”; changed the colon after “20th ed.” to a comma; changed the colon after “Online” to a comma; corrected “Method 6610 B” to “Method 6610 B-04”
611.645 chlordane	Board	Added “(rev. 2.1)” after “505”; added “(rev. 3.1)” after “508”; added “(rev. 2.1)” after “508.1”; added “(rev. 2.0)” after “525.2”
611.645 dalapon	Board	Added “(rev. 4.0)” after “515.1”; added “(rev. 1.0)” after “552.1”; added “(rev. 1.0)” after “552.2”; changed “515.3” to “USEPA Organic and Inorganic Methods, Method 515.3 (rev. 1.0)”; changed “OGWDW Methods, Method 515.4” to “USEPA OGWDW Methods: Methods 515.4 (rev. 1.0), 552.3 (rev. 1.0)”
611,645 di(2-ethylhexyl)adipate	Board	Added “(rev. 1.1)” after “506”; added “(rev. 2.0)” after “525.2”
611,645 di(2-ethylhexyl)phthalate	Board	Added “(rev. 1.1)” after “506”; added “(rev. 2.0)” after “525.2”
611,645 (DBCP)	Board	Changed “OGWDW Methods, Method 515.4” to “USEPA OGWDW Methods: Method 515.4”
611.645 dibromochloropropane	Board	Added “(rev. 1.1)” after “504.1”; added “(rev. 1.0)” after “551.1”
611.645 dinoseb	Board	Added “(rev. 4.0)” after “515.1”; added “(rev. 1.a)” after “515.2”; changed “515.3” to “USEPA Organic and Inorganic Methods, Method 515.3 (rev. 1.0)”; changed “OGWDW Methods, Method 515.4” to “USEPA OGWDW Methods, Method 515.4 (rev. 1.0)”; added “(rev. 1.0)” after “555”

611.645 diquat	Board	Corrected USEPA Organic Methods, Method 549.1 to USEPA NERL Method 549.2 to a USEPA change from December 1, 1999 that the Board omitted from the R00-10 update (Aug. 24, 2000)
611.645 endothall	Board	Added “(rev. 1.0)” after “548.1”
611.645 endrin	Board	Added “(rev. 2.1)” after “505”; added “(rev. 3.1)” after “508”; added “(rev. 2.1)” after “508.1”; added “(rev. 2.0)” after “525.2”; added “(rev. 1.0)” after “551.1”
611.645 ethylene dibromide	Board	Changed capitalized “Ethylene Dibromide” to lower-case “ethylene dibromide”; added “(rev. 1.1)” after “504.1”; added “(rev. 1.0)” after “551.1”
611.645 glyphosate	Board	Changed the colon after “20th ed.” to a comma
611.645 heptachlor	Board	Added “(rev. 2.1)” after “505”; added “(rev. 3.1)” after “508”; added “(rev. 2.0)” after “508.1”; added “(rev. 2.0)” after “525.2”; added “(rev. 1.0)” after “551.1”
611.645 heptachlor epoxide	Board	Added “(rev. 2.1)” after “505”; added “(rev. 3.1)” after “508”; added “(rev. 2.0)” after “508.1”; added “(rev. 2.0)” after “525.2”; added “(rev. 1.0)” after “551.1”
611.645 hexachlorobenzene	Board	Added “(rev. 2.1)” after “505”; added “(rev. 3.1)” after “508”; added “(rev. 2.0)” after “508.1”; added “(rev. 2.0)” after “525.2”; added “(rev. 1.0)” after “551.1”
611.645 hexachlorocyclopentadiene	Board	Added “(rev. 2.1)” after “505”; added “(rev. 3.1)” after “508”; added “(rev. 2.0)” after “508.1”; added “(rev. 2.0)” after “525.2”; added “(rev. 1.0)” after “551.1”
611.645 lindane	Board	Added “(rev. 2.1)” after “505”; added “(rev. 3.1)” after “508”; added “(rev. 2.0)” after “508.1”; added “(rev. 2.0)” after “525.2”; added “(rev. 1.0)” after “551.1”
611.645 methoxychlor	Board	Added “(rev. 2.1)” after “505”; added “(rev. 3.1)” after “508”; added “(rev. 2.0)” after “508.1”; added “(rev. 2.0)” after “525.2”; added “(rev. 1.0)” after “551.1”
611,645 oxamyl	Board	Changed the comma after “531.1” to a semicolon and added “(rev. 3.1)” after “531.1”; changed the comma after “531.2” to a semicolon and changed “OGWDW Methods, Method 531.2” to “USEPA OGWDW Methods, Method 531.2 (rev. 1.0)”; changed “Standard Methods, 19th ed., or 20th ed.: Method 6610 or Standard Methods, 21st ed. or Standard Methods Online: Method 6610 B” to “Standard Methods, 19th or 20th ed., Method 6610; Standard Methods, 21st ed., Method 6610 B; or Standard Methods Online, Method 6610 B-04”
611.645 PCBs (as decachlorobiphenyl)	Board	Corrected the spelling “decchlorobiphenyl” to “decachlorobiphenyl”; added “(rev. 1.0)” after “508A”
611.645 PCBs (as alaclor)	Board	Added “(rev. 2.1)” after “505”; added “(rev. 3.1)” after “508”; added “(rev. 2.0)” after “508.1”; added “(rev.

		2.0)” after “525.2”
611.645 pentachloro-phenol	Board	Added “(rev. 4.0)” after “515.1”; added “(rev. 1.0)” after “552.1”; added “(rev. 1.0)” after “552.2”; changed “515.3” to “USEPA Organic and Inorganic Methods, Method 515.3 (rev. 1.0)”; changed “OGWDW Methods, Method 515.4” to “USEPA OGWDW Methods: Methods 515.4 (rev. 1.0)”
611,645 picloram	Board	Added “(rev. 4.0)” after “515.1”; added “(rev. 1.1)” after “515.2”; added “(rev. 1.0)” after “555”; changed “515.3” to “USEPA Organic and Inorganic Methods, Method 515.3 (rev. 1.0)”; changed “515.4, OGWDW Methods, Method 515.4” to “USEPA OGWDW Methods: Methods 515.4 (rev. 1.0)”
611.645 simazine	Board	Added “(rev. 2.1)” after “505”; added “(rev. 2.1)” after “507”; added “(rev. 2.0)” after “508.1”; added “(rev. 2.0)” after “525.2”; corrected “551.2” to “551.1 (rev. 1.0)”
611.645 toxaphene	Board	Added “(rev. 2.1)” after “505”; added “(rev. 2.1)” after “508”; added “(rev. 2.0)” after “508.1” and moved the entry into numeric order; added “(rev. 2.0)” after “525.2”
611.645 synthetic organic compounds Board note	Board	Added the formerly omitted explanation of USEPA’s approval of Standard Methods, 21st ed., Method 6610 B and Standard Method Online, Method 6610 B-04 for carbofuran and oxamyl
611.645 aldrin	Board	Added “(rev. 2.1)” after “505”; added “(rev. 3.1)” after “508”; added “(rev. 2.0)” after “508.1”; added “(rev. 2.0)” after “525.2”
611.645 DDT	Board	Added “(rev. 2.1)” after “505”; added “(rev. 3.1)” after “508”
611.645 dieldrin	Board	Added “(rev. 2.1)” after “505”; added “(rev. 3.1)” after “508”; added “(rev. 2.0)” after “508.1”; added “(rev. 2.0)” after “525.2”
611.645 Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available (twice), including deletion of an obsolete <i>Federal Register</i> citation to amendments now included in that latest version and adding a <i>Federal Register</i> citation to amendments after that latest version; corrected “appendix A to 40 CFR 141” to “appendix A to subpart C of 40 CFR 141”; added “USEPA added USEPA OGWDW Method 524.3 . . . (at 74 Fed. Reg. 38348).” to explain the addition of an approved alternative method
611.680(b)(3)	Board	Changed numeric “1 year” to written “one year”
611.680(b) Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the

		latest version available
611.720(a)(1)(A)(ii) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(1) in its entirety
611.720(a)(1)(B)	Board	Changed the citation “page 1” to “pages 1-3”
611.720(a)(1)(C)	Board	Changed the colon after “21st ed.” to a comma
611.720(a)(1)(D)	Board	Changed the citation “page 1” to “pages 1-5”
611.720(a)(1)(E)	Board	Changed the short-form method designation “USEPA Radiochemistry Methods” to “USEPA Radiochemistry Procedures”; changed the colon after “Methods” to a comma
611.720(a)(1)(F)	Board	Changed the colon after “Methods” to a comma
611.720(a)(1) Board note	Board	Appended “USEPA added Standard Methods, 21st ed., Method 7110 B” before the text “as an approved method . . . (at 73 Fed. Reg. 31616)” moved from the former note appended to subsection (a)(1)(A)(ii); added “for gross alpha and beta” after “alternative method”
611.720(a)(2)(A)	Board	Changed the colon after “21st ed.” to a comma
611.720(a)(2)(A) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(2) in its entirety
611.720(a)(2)(B)	Board	Changed the short-form method designation “USEPA Radiochemistry Methods” to “USEPA Radiochemistry Procedures”; changed the colon after “Procedures” to a comma
611.720(a)(2) Board note	Board	Appended “USEPA added Standard Methods, 21st ed., Method 7110 C” before the text “as an approved method . . . (at 73 Fed. Reg. 31616)” moved from the former note appended to subsection (a)(2)(A); added “for gross alpha” after “alternative method”
611.720(a)(3)(C)(iv) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(3) in its entirety
611.720(a)(3)(D)	Board	Changed the Board’s short-form methods designation “USDOE Manual” to “EML Procedures Manual (27th or 28th ed.)”; changed the colon after “Manual” to a

		comma
611.720(a)(3)(E)	Board	Changed the citation “pages 13 and 16” to “pages 13-15 or 16-23”
611.720(a)(3)(F)	Board	Changed the colon after “Methods” to a comma
611.720(a)(3)(G)	Board	Changed the colon after “Analyses” to a comma; changed the citation “page 19” to “pages 19-32”
611.720(a)(3)(H)	Board	Changed the short-form method designation “USEPA Radiochemistry Methods” to “USEPA Radiochemistry Procedures”; changed “Methods Ra-03, Ra-04” to “Method Ra-03 or Ra-04”; changed the colon after “Procedures” to a comma
611.720(a)(3) Board note	Board	Appended “USEPA added Standard Methods, 21st ed., Methods 7500-Ra B and C” before the text “as approved methods . . . (at 73 Fed. Reg. 31616)” moved from the former note appended to subsection (a)(3)(C)(iv); changed singular “as an approved method” to plural “as approved methods”; added “for radium-226” after “alternative method”
611.720(a)(4)(A)	Board	Changed the colon after “21st ed.” to a comma
611.720(a)(4)(A) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(4) in its entirety
611.720(a)(4)(C)	Board	Changed the colon after “Methods” to a comma; changed the citation “page 24” to “pages 24-28”
611.720(a)(4)(D)	Board	Changed the colon after “Methods” to a comma
611.720(a)(4)(E)	Board	Changed the colon after “Analyses” to a comma; changed the citation “page 19” to “pages 19-32”
611.720(a)(4)(F)	Board	Changed the short-form method designation “USEPA Radiochemistry Methods” to “USEPA Radiochemistry Procedures”; changed the colon after “Procedures” to a comma
611.720(a)(4)(G)	Board	Changed the colon after “Methods” to a comma
611.720(a)(5)(H)	Board	Changed the Board’s short-form methods designation “USDOE Manual” to “EML Procedures Manual”; changed the colon after “Manual” to a comma
611.720(a)(4) Board note	Board	Appended “USEPA added Standard Methods, 21st ed., Method 7500-Ra D” before the text “as an approved method . . . (at 73 Fed. Reg. 31616)” moved from the former note appended to subsection (a)(4)(A); added “for radium-228” after “alternative method”
611.720(a)(5)(A)	Board	Changed the colon after “21st ed.” to a comma

611.720(a)(5)(A) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(5) in its entirety
611.720(a)(5)(B)	Board	Changed the colon after “20th ed.” to a comma
611.720(a)(5)(C)(iv) Board note	Board	Removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(5) in its entirety
611.720(a)(5)(D)	Board	Changed the colon after “Methods” to a comma
611.720(a)(5)(E)	Board	Changed the colon after “Methods” to a comma; added “(rev. 5.3)” after “200.8”
611.720(a)(5)(F)	Board	Changed the colon after “Analyses” to a comma; changed the citation “page 33” to “pages 33-48”
611.720(a)(5)(G)	Board	Changed the short-form method designation “USEPA Radiochemistry Methods” to “USEPA Radiochemistry Procedures”; Changed the colon after “Procedures” to a comma
611.720(a)(5)(H)	Board	Changed the Board’s short-form methods designation “USDOE Manual” to “EML Procedures Manual (27th or 28th ed.)”; changed the colon after “Manual” to a comma
611.720(a)(5) Board note	Board	Appended “USEPA added Standard Methods, 21st ed., Methods 7500-U C and ASTM Method D5673-05” before the text “as approved methods . . . (at 73 Fed. Reg. 31616)” moved from the former note appended to subsections (a)(5)(A) and (a)(5)(C)(iv); changed singular “as an approved method” to plural “as approved methods”; added “for uranium” after “alternative method”
611.720(a)(6)(B)(ii) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(6) in its entirety
611.720(a)(6)(C)	Board	Changed the Board’s short-form methods designation “USDOE Manual” to “EML Procedures Manual (27th or 28th ed.)”; changed the colon after “Manual” to a comma
611.720(a)(6)(D)	Board	Changed the colon after “Methods” to a comma; changed the citation “page 4” to “pages 4-5”
611.720(a)(6)(E)	Board	Changed the colon after “Methods” to a comma

611.720(a)(6)(F)	Board	Changed the colon after “Analyses” to a comma; changed the citation “page 92” to “pages 92-95”
611.720(a)(6) Board note	Board	Appended “USEPA added Standard Methods, 21st ed., Methods 7500-Ra B and C” before the text “as approved methods . . . (at 73 Fed. Reg. 31616)” moved from the former note appended to subsection (a)(6)(B)(ii); changed singular “as an approved method” to plural “as approved methods”; added “for radioactive cesium” after “alternative method”
611.720(a)(7)(B)(iv) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(7) in its entirety
611.720(a)(7)(C)	Board	Changed the Board’s short-form methods designation “USDOE Manual” to “EML Procedures Manual (27th or 28th ed.)”; changed the colon after “Manual” to a comma
611.720(a)(7)(D)	Board	Changed the colon after “Methods” to a comma; changed the citation “pages 6, 9” to “pages 6-8 or 9-12”
611.720(a)(7)(E)	Board	Changed the colon after “Analyses” to a comma; changed the citation “page 92” to “pages 92-95”
611.720(a)(7)(F)	Board	Changed the colon after “Methods” to a comma; changed the comma after “901.1” to the conjunction “or”
611.720(a)(7) Board note	Board	Appended “USEPA added Standard Methods, 21st ed., Methods 7120 and 7500-I B, C, and D” before the text “as approved methods . . . (at 73 Fed. Reg. 31616)” moved from the former note appended to subsection (a)(7)(B)(iv); changed singular “as an approved method” to plural “as approved methods”; added “for radioactive iodine” after “alternative method”
611.720(a)(8)(A)(ii) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(8) in its entirety
611.720(a)(8)(B)	Board	Changed the Board’s short-form methods designation “USDOE Manual” to “EML Procedures Manual (27th or 28th ed.)”; Added “Method Sr-01 or Sr-02” offset by a comma
611.720(a)(8)(B)(i)	Board	Moved the method designation into subsection (a)(8)(B)

611.720(a)(8)(B)(ii)	Board	Moved the method designation into subsection (a)(8)(B)
611.720(a)(8)(C)	Board	Changed the colon after “Methods” to a comma; changed the citation “page 29” to “pages 29-33”
611.720(a)(8)(E)	Board	Changed the colon after “Methods” to a comma; changed the citation “page 65” to “pages 65-73”
611.720(a)(8)(F)	Board	Changed the short-form method designation “USEPA Radiochemistry Methods” to “USEPA Radiochemistry Procedures”; changed the colon after “Procedures” to a comma
611.720(a)(8)(G)	Board	Changed the colon after “Procedures” to a comma
611.720(a)(8) Board note	Board	Appended “USEPA added Standard Methods, 21st ed., Method 7500-Sr B” before the text “as an approved method . . . (at 73 Fed. Reg. 31616)” moved from the former note appended to subsection (a)(8)(A)(ii); added “for radioactive strontium” after “alternative method”
611.720(a)(9)(B)(ii) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(9) in its entirety
611.720(a)(9)(C)	Board	Changed the colon after “Methods” to a comma; changed the citation “page 34” to “pages 34-37”
611.720(a)(9)(D)	Board	Changed the colon after “Methods” to a comma
611.720(a)(9)(E)	Board	Changed the colon after “Analyses” to a comma; changed the citation “page 87” to “pages 87-91”
611.720(a)(9)(F)	Board	Changed the short-form method designation “USEPA Radiochemistry Methods” to “USEPA Radiochemistry Procedures”; changed the colon after “Procedures” to a comma
611.720(a)(9) Board note	Board	Appended “USEPA added Standard Methods, 21st ed., Methods 7500-Ra B and C” before the text “as approved methods . . . (at 73 Fed. Reg. 31616)””; moved from the former note appended to subsection (a)(9)(B)(ii); changed singular “as an approved method” to plural “as approved methods”; added “for tritium” after “alternative method”
611.720(a)(10)(B)(iii) Board note	Board	Removed the explanation of the use of the 21st edition of Standard Methods in lieu of Standard Methods Online, removed the comma and word “added” after “appendix A to subpart C of 40 CFR 141,” and placed the remaining text in a new note appended to subsection (a)(10) in its entirety
611.720(a)(10)(C)	Board	Changed the short-form method designation “USDOE

		Manual” to “EML Procedures Manual (27th or 28th ed.)”; changed the colon after “Manual” to a comma
611.720(a)(10)(D)	Board	Changed the colon after “Methods” to a comma
611.720(a)(10)(E)	Board	Changed the colon after “Analyses” to a comma; changed the citation “page 92” to “pages 92-95”
611.720(a)(10)(F)	Board	Changed the colon after “Methods” to a comma
611.720(a)(10) Board note	Board	Appended “USEPA added Standard Methods, 21st ed., Methods 7120, 7500-Cs B, and 7500-I B” before the text “as approved methods . . . (at 73 Fed. Reg. 31616)” moved from the former note appended to subsection (a)(10)(B)(iii); changed singular “as an approved method” to plural “as approved methods”; added “for radium-226” after “alternative method”
611.720(b)(2)	Board	Changed the reference “HASL Procedures Manual, HASL 300, available from ERDA Health and Safety Laboratory” to “EML Procedures Manual (27th or 28th ed.), available from USDOE, EML”
611.720(c)(1) Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available
611.720(c)(2) Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available
611.720(c) Board note	Board	Corrected the citation “appendix A to 40 CFR 141” to “appendix A to subpart C of 40 CFR 141”; updated the <i>Code of Federal Regulations</i> citation to the latest version available, including deletion of an obsolete <i>Federal Register</i> citation to later amendments
611.802(c)(2)(A)(viii)	Board	Corrected “Method 9222 G” to “Method 9223 B”
611.802(c)(2)(A) Board note	Board	Corrected the citation “611.526(a) or (b)” to “611.526 (f)(1) or (f)(2)”; deleted the explanation of the Board’s citation to the 21st edition, rather than to Standard Methods Online, following USEPA’s June 3, 2008 addition of approved alternative methods; added explanation of USEPA’s addition of Standard Methods, 21st ed., Method 9223 B as an approved alternative method for <i>E. coli</i>
611.802(c)(2)(B)(i)	Board	Corrected “Standard Methods Online, Method 9230 B” to “Standard Methods Online, Method 9230 B-04”
611.802(c)(2)(B)(i) Board note	Board	Changed “On June 3, 2008 . . . , USEPA added Appendix A . . . , which authorized alternative methods to those listed for enterococci . . . to allow the use of the Standard Methods Online . . . , Method 9230 B (approved in 2004)” to “USEPA added Standard Methods Online, Method 9230 B-04 as an approved alternative method for enterococci on June 3, 2008 (at 73 Fed. Reg. 31616)”

611.802(c)(2)(A) Board note	Board	Corrected the citation “611.526(a) or (b)” to “611.526 (f)(1) or (f)(2)”; deleted the explanation of the Board’s citation to the 21st edition, rather than to Standard Methods Online, following USEPA’s June 3, 2008 addition of approved alternative methods; added explanation of USEPA’s addition of Standard Methods, 21st ed., Method 9223 B as an approved alternative method for <i>E. coli</i>
611.802(c)(2)(B) Board note	Board	Moved from the former note appended to subsection (c)(2)(B)(i); changed singular “as an approved method” to plural “as approved methods”; added “for tritium” after “alternative method”
611.802 Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available, including deletion of an obsolete <i>Federal Register</i> citation to amendments now included in that latest version
611.925(b)(15)	Board	Changed “and a Subpart B system supplier” to “or which is a Subpart B system supplier”
611.925 Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available
611.971(a)(2)(O)	Board	Changed “or a Subpart B system supplier” to “or which is a Subpart B system supplier”
611.971 Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available
611.1004(a)	Board	Moved the parenthetical “each incorporated . . . 611.102” from after “Section 611.480” to follow “Method 1622 (05)”
611.1004(b)	Board	Moved the parenthetical “each incorporated . . . 611.102” from after “Section 611.480” to follow “Method 1622 (05)”
611.1004(b)(4)	Board	Changed “appendix A to subpart C of 40 CFR 141 of 40 CFR 141” to “appendix A to subpart C of 40 CFR 141”
611.Appendix F Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the latest version available; changed “as this Section” to “in this Section “

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

Section Revised	Source(s) of Revision(s)	Revision(s)
611 table of contents	USEPA, Agency	Removed all of the listing for proposed Subpart AA

611 source note	JCAR	Corrected “31 Ill. Reg. 31 Ill. Reg. 11757” to “31 Ill. Reg. 11757”
611.101 “approved source of bottled water” Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.101 “CT _{99.9} ” Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.101 “40/30 certification” Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.101 “groundwater system” Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.101 “hydrogeologic sensitivity assessment” Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.101 “inactivation ratio” Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.101 “initial distribution system evaluation” Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.101 “inorganic contaminants” Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.101 “MFL” Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.101 “mixed system” Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.101 “radioactive contaminants” Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.101 “reliably and consistently” Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.101 “sanitary survey” Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.101 “significant deficiency” Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.101 “special irrigation district” Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.101 “standard monitoring” Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition

611.101 “SWS” Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.101 “system-specific study plan” Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.101 “very small system waiver” Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.101 “wellhead protection program” Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.101 Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.102(a) “Guidance Manual for Filtration and Disinfection”	JCAR	Added “from” after “available”
611.102(a) “Method ME355.01”	JCAR	Changed “headspace” to capitalized “Headspace” in the document title
611.102(a) “Orion Method AQ4500”	JCAR	Moved the definition of the short-form method designation to the appropriate alphabetic order
611.102(a) “Systea Easy (1-Reagent)”	JCAR	Moved the definition of the short-form method designation to the appropriate alphabetic order
611.102(a) “USEPA NERL Method 200.5 (rev. 4.2)”	JCAR	Removed the definite article “the” from before “USEPA”
611.102(a) “USEPA NERL Method 415.3 (rev. 1.1)”	JCAR	Removed the definite article “the” from before “USEPA”
611.102(a) “USEPA NERL Method 415.3 (rev. 1.2)”	JCAR	Removed the definite article “the” from before “USEPA”
611.102(a) “USEPA NERL Method 549.2”	JCAR	Removed the definite article “the” from before “USEPA”
611.102(a) “USEPA Organic Methods”	JCAR	Added the conjunction “and” before “Methods for the Determination of Organic Compounds in Drinking Water—Supplement III”
611.102(b) “ASTM,” “ASTM Method D1253-08”	JCAR	Corrected “Section 611.381 and 611.531” to plural “Sections 611.381 and 611.531”
611.102(b) “Bran & Luebbe,” “Technicon Methods, Method #129-71W” Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition

611.102(b) "Bran & Luebbe," "Technicon Methods, Method #380-75WE" Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.102(b) "EMD Chemicals Inc.," "ReadyCult Coliforms 100 Presence/Absence Test for . . . Finished Waters"	JCAR	Removed the unnecessary double comma from before "Version 1.0"
611.102(b) "H&E Testing Laboratory," "Method ME355.01"	JCAR	Changed "headspace" to capitalized "Headspace" in the document title
611.102(b) "Leck Mitchell, PhD"	JCAR	Corrected "CValle" to "Valley" in the address
611.102(b) "NEMI," "Method ME355.01"	JCAR	Changed "headspace" to capitalized "Headspace" in the document title
611.102(b) "NEMI," "Mitchell Method M5271"	JCAR	Corrected the spelling "Lech" to "Leck"
611.102(b) "NEMI," "Mitchell Method M5331"	JCAR	Corrected the spelling "Lech" to "Leck"
611.102(b) "NEMI," "Systea Easy (1-Reagent) Nitrate Method"	JCAR	Corrected "reference in" to "referenced in"
611.102(b) "NTIS," "USEPA Inorganic Methods"	JCAR, Board	Removed "(referred to as ')" from after "PB84-128677"
611.102(b) "NTIS," "USEPA Organic and Inorganic Methods"	JCAR	Added a comma after "Volume 1" to offset the version date "August 2000"
611.102(b) "NTIS," "USEPA Radio-chemical Analyses"	JCAR	Added an ending period after "only"
611.102(b) "NTIS," "USEPA Technical Notes" Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.102(b) "Palintest, Ltd.," "Palintest ChloroSense"	JCAR	Changed "Chlorosense" to "ChloroSense"

611.102(b) "SWAN Analytische Instrumente AG"	JCAR	Corrected the spelling "Studbachstrase" to "Studbachstrasse"
611.102(b) "Systea Scientific LLC"	JCAR	Moved the document source (and subsidiary document listing) to the appropriate alphabetic order
611.102(b) "Thermo Scientific"	JCAR	Moved the document source (and subsidiary document listing) to the appropriate alphabetic order
611.102(b) "USEPA, NSCEP," "Guidance Manual for Filtration and Disinfection"	JCAR	Corrected plural "Sections 611.111" to singular "Section 611.111"
611.102(b) "USEPA, NSCEP," "USEPA OGWDW Methods, Method 552.3, rev. 1.0"	JCAR	Changed "Liquid-liquid" to capitalized "Liquid-Liquid"
611.102(b) "USEPA, NSCEP," "USEPA Organic and Inorganic Methods"	JCAR	Added a comma after "Volume 1" to offset the version date "August 2000"
611.102(b) "USEPA, NSCEP," "USEPA Organic Methods"	JCAR	Removed the unnecessary period after "Sections 611.381 and 611.645"; removed the unnecessary period after "Sections 611.381, 611.645, and 611.648"
611.102(b) "USEPA, NSCEP," "USEPA Radioactivity Methods"	JCAR, Board	Added "only" and the missing ending period after "908.1"
611.102(b) "USEPA, OGWDW," "USEPA OGWDW Methods, Method 302.0"	JCAR	Corrected plural "Sections 611.381" to singular "Section 611.381"
611.102(b) "USEPA, OGWDW," "USEPA OGWDW Methods, Method 524.3, rev. 1.0"	JCAR	Corrected singular "Section 611.381 and 611.645" to plural "Sections 611.381 and 611.645"
611.102(b) "USEPA, OGWDW" Board note	JCAR	Removed the unnecessary conjunction "and" from before "are also listed"
611.102(b) "USEPA, ORD," "USEPA NERL Method 549.2, rev. 1.0"	JCAR	Changed "Revision 1.0" to abbreviated "rev. 1.0"

611.102(b) "USEPA, Water Resource Center," "m-ColiBlue24 Test"	JCAR	Changed "Revision 2" to abbreviated "rev. 2"
611.102(c) "40 CFR 3.2"	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.102(c) "40 CFR 3.3"	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.102(c) "40 CFR 3.10"	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.102(c) "40 CFR 3.2"	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.102(c) "40 CFR 3.2000"	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.102(c) "40 CFR 136.3(a)"	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.102(c) "Appendix B to 40 CFR 136"	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.102(c) "40 CFR 142.20(b)(1)"	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.105(a) Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.105(c) Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.105(d) Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.105(e) Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.105(g) Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.105 Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.111 Board note	JCAR	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition (twice); removed the unnecessary comma from after "at 40 CFR 142.23"; corrected the infinitive "to prescribed" to "to prescribe"
611.112 Board note	JCAR	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition (twice); removed the unnecessary comma from before "at 40 CFR 142.23"; corrected the infinitive "to prescribed" to "to prescribe"
611.381(c)(1)(A) Board note	JCAR	Added a comma after "21st ed."

611.381(d)(3)(C)	JCAR	Changed “wet oxidation Method” to lower-case “wet oxidation method”
611.381(d)(3)(D)	Board, JCAR	Removed the amendment “ Method Method ”
611.381(d)(3) Board note	JCAR	Corrected “November 10, 2010” to “November 10, 2009”
611.381(d)(4)(A) Board note	JCAR	Corrected “November” to “November 10, 2009”
611.381(d)(4)(B) Board note	JCAR	Corrected “November” to “November 10, 2009”
611.381 Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.382 Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.526 Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.531(a)(2)(D) Board note	JCAR	Added a missing comma after “e.g.”
611.531(a)(2)(D)(ii)	JCAR	Added a missing ending period
611.531(a)(2)(D)(v)	JCAR	Corrected the subsection number from “iv” to “v”
611.531(a)(2)(D)(vi)	JCAR	Corrected the subsection number from “v” to “vi”
611.531(a)(2)(D)(vii)	JCAR	Corrected the subsection number from “v” to “vii”
611.531(b)(1)(A)(i)	JCAR	Changed the colon after “21st ed.” to a comma
611.531(b)(2)(A)(i)	JCAR	Changed the colon after “21st ed.” to a comma
611.531(b)(3)(B)	JCAR	Removed the unnecessary comma after “20th”
611.531 Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.611(a)(1) Board note	JCAR	Corrected “Standards Methods” to “Standard Methods”
611.611(a)(3) Board note	JCAR	Changed “method 200.8” to capitalized “Method 200.8”
611.611(a)(16) Board note	JCAR	Corrected “and approved method” to “an approved method”
611.611(a)(22) Board note	JCAR	Corrected “D3859-08 A nd B” to “D3859-08 A and B”; corrected singular “alternative method” to plural “alternative methods”
611.611 Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.612 Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition (twice)
611.645 “SOCs,” “alaclor”	JCAR	Added the missing closing parenthesis mark after “(rev. 2.1)”
611.645 “SOCs,” “atrazine”	JCAR	Added the missing closing parenthesis mark after “(rev. 2.1)”

611.645 “SOCs” Board note	JCAR	Added the missing closing parenthesis mark after “74 Fed. Reg. 31616.”
611.645 Board note	JCAR, Board	Changed “Subpart C or 40 CFR 141” to lower-case “subpart C of 40 CFR 141”; updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.680(b) Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.720(a)(7) Board note	JCAR	Added the missing conjunction in “ASTM Methods D3649-06 and D4785-08”
611.720(c)(1) Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.720(c)(2) Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.720 Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.802(c)(2)(A) Board note	JCAR, Board	Corrected “June 8, 2010 (at 73 Fed. Reg. 31616)” to “June 8, 2010 (at 75 Fed. Reg. 32295)”
611.802 Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.925 Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.971(a)(2)(O)	JCAR	Corrected “ground water” to “groundwater”
611.971 Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition
611.1004 Board note	Board	Updated the <i>Code of Federal Regulations</i> citation to the newly available 2010 edition

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 “approved source of bottled water”	JCAR: Move the comma after “water” outside the closing quotation mark.	The Board follows the American rule, which requires placement of periods and commas within closing quotation marks.
611.101 “inactivation ratio”	JCAR: Remove the comma from before “or ‘total inactivation ratio’ (B)”; change the symbol “ Σ ” to “S.”	The comma before “or ‘total inactivation ratio’ (B)” complements the comma that follows to offset the clause as a parenthetical. The mathematical symbol “ Σ ” represents the series summation operation, and

		changing the symbol in the equation would decrease clarity.
611.102(a) “Kelada 01”	JCAR: Add a comma before “and Hach Company.”	“USEPA, Water Resource Center” represents a single entity, and addition of a comma in the two-element series could result in ambiguity.
611.102(b) “AWWA,” Standard Methods, 21st ed., “Method 6640 B”	JCAR: Change “Acidic” to “Acid” in the document title.	“Acidic” is what appears in the document title.
611.102(b) “AWWA,” Standard Methods, 21st ed., Board note	JCAR: Change “Board note” to capitalized “Board Note.”	The word “note” does not appear as a proper noun, so that lower-case presentation is more appropriate.
611.102(b) “ASTM,” “ASTM Method D515-88 A”	JCAR: Remove the dash after “Test Method A” in the document title.	The Board has chosen to use an em-dash between the sub-method designation and the method title throughout for ASTM methods.
611.102(b) “Georgia Tech Research Institute”	JCAR: Change the phone number “404-407-6339” to “404-407-6399.”	The correct number is “404-407-6339.”
611.102(b) “NTIS,” “USEPA Technical Notes,” Board note	JCAR: Move the ending period outside the closing quotation marks after “600R94173.”	The Board follows the American rule, which requires placement of periods and commas within closing quotation marks.
611.102(b) “Palintest, Ltd.,” “Palintest ChloroSense”	JCAR: Remove the statement of alternative availability: “See also NEMI.”	The Board prefers to use the statements for each occurrence of a document that is available from an alternative source.
611.102(b) “USEPA, NSCEP,” “USEPA Technical Notes” Board note	JCAR: Move the ending period outside the closing quotation marks after “600R94173.”	The Board follows the American rule, which requires placement of periods and commas within closing quotation marks.
611.102(b) “USEPA, OGWDW”	JCAR: Remove the comma from “USEPA, OGWDW” in the abbreviated office name.	The comma is appropriate because the full office name is “United States Environmental Protection Agency, Office of Ground Water and Surface Water.” (The Board has short-form named methods from this office as “USEPA OGWDW Methods” without the comma for the sake of brevity.)
611.102(b) “USEPA, OGWDW” Board note	JCAR: Add a comma after “USEPA, Office or Ground Water and Drinking Water.”	The comma is not necessary because “Office of Ground Water and Drinking Water” is not a parenthetical.

611.105(a)(2)(A)	JCAR: Change “after USEPA has published” to “after USEPA had published.”	The present perfect tense is appropriate for the intended meaning of this provision than would be the past perfect tense. Further, the use of present perfect tense agrees with the use in corresponding 40 C.F.R. 3.2(a)(2) (2010).
611.105(a)(2)(B)	JCAR: Change the spelling “State” to “State.”	“State” is the appropriate spelling.
611.105(a)(4)	JCAR: Change “approval for receiving” to “approval or receiving”; change “any type of document” to “any types of documents.”	“State” is the appropriate spelling. The Board intends that notice should appear for any single type of document, not just when USEPA disallows electronic filing of multiple types of documents.
611.381(b)(1)(C)(iii)	JCAR: Change “inductively coupled plasma-mass spectrometer” to “inductively coupled plasma/mass spectrometer.”	The method combines two techniques, rather than allowing use of alternative techniques, and the combined name is commonly hyphenated, rather than combined using a virgule.
611.381(b)(1)(C) Board note	JCAR: Change “inductively coupled plasma-mass spectrometer” to “inductively coupled plasma/mass spectrometer”; change “inductively coupled” to hyphenated “inductively-coupled.”	The method combines two techniques, rather than allowing use of alternative techniques, and the combined name is commonly hyphenated, rather than combined using a virgule. An exception from the rule requiring hyphenation of adjectival phrases does not allow hyphenation of adverbs ending in “-ly.”
611.526(e)(3)	Reverse the change from a colon to a comma after “20th ed.”	The Board has uniformly changed the format of citations throughout the text from “Standard Methods, [number] ed.: Method [number]” to “Standard Methods, [number] ed., Method [number]” in this proceeding.
611.531(b)(3)(B)	JCAR: Remove the comma after “19th.”	The comma is necessary to separate elements of the series: “18th, 19th, or 20th ed.”
611.611(a)(1)(B)	JCAR: Remove the comma after “USGS	The Board has chosen to use the standardized format “USGS Methods,

	Methods.”	Method [number]” for all citations to methods in this source, and the comma is integral to this format.
611.611(a)(3) Board note	JCAR: Change “Methods 3113 B and 3114 B” to “Method 3113”; remove the closing parenthesis mark after “74 Fed. Reg. 31616.”	The text as set forth in the Board’s proposal is accurate, so no revision is necessary. The closing parenthesis mark is needed for the parenthetical citation.
611.611(a)(4)	JCAR: Change “100.1” to “-100.1” and “100.2” to “-100.2.”	The text as set forth in the Board’s proposal is accurate, so no revision is necessary.
611.611(a)(10)(F)	JCAR: Change the colon to a semicolon after “(AVICP-AES).”	The Board’s chosen standardized format for recitation of analytical methods uses a colon between the method description and the designation of approved methods.
611.645 “SOCs,” “endothall”	JCAR: Change “548.1 (rev. 1.0)” to “548.1 (rev. 2.0).”	The revision number “1.0” is correct for USEPA NERL Method 548.1.
611.645 “SOCs,” “picloram”	JCAR: Add a comma to change “515.2 (rev. 1.1)” to “515.2, (rev. 1.1).”	The Board has placed the methods revision numbers in parentheses in this table, obviating the use of commas, as appears in other segments of the rules (which do not use parentheses).
611.971(a)(2)(O)	JCAR: Change “other supplier” to “othersupplier.”	The text is correct as proposed.

IT IS SO ORDERED

I, John T. Therriault, Assistant Clerk of the Illinois Pollution Control Board, certify that the Board adopted the above opinion and order on December 2, 2010, by a vote of 5-0.



John T. Therriault, Assistant Clerk
Illinois Pollution Control Board