

ILLINOIS POLLUTION CONTROL BOARD  
July 26, 2007

IN THE MATTER OF:	)	
	)	
SDWA UPDATE, USEPA AMENDMENTS	)	R07-2
(January 1, 2006 though June 30, 2006)	)	(Identical-in-Substance
	)	Rulemaking - Public Water Supply)
SDWA UPDATE, USEPA AMENDMENTS	)	R07-11
(July 1, 2006 though December 31, 2006)	)	(Identical-in-Substance
	)	Rulemaking - Public Water Supply)
	)	(Consolidated)

Adopted Rule. Final Order.

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

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 USEPA rules 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) (2003)).

The R07-2 docket includes federal SDWA amendments that USEPA adopted in the periods January 1, 2006 though June 30, 2006, and the R07-11 docket includes federal SDWA amendments that USEPA adopted in the periods July 1, 2006 though December 31, 2006. The amendments incorporate into the Illinois regulations three related, significant new federal rules: the Stage 2 Disinfectants and Disinfection Byproducts Rule, the Long Term 2 Enhanced Surface Water Treatment Rule, and the Groundwater Rule.

Sections 7.2 and 17.5 of the Environmental Protection Act (Act) (415 ILCS 5/7.2 and 17.5 (2006)) provide for quick adoption by the Board of regulations that are identical in substance to federal regulations that USEPA adopts to implement Sections 1412(b), 1414(c), 1417(a), and 1445(a) of the federal SDWA. Section 17.5 also provides that Title VII of the Act and Section 5 of the 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 federal SDWA regulations are found at 40 C.F.R. 141 through 143.

The Board will file the adopted amendments with the Office of the Secretary of State as soon as possible, but no later than August 6, 2007, which is their present due date pursuant to the extensions of the deadline adopted by the Board on December 21, 2006 and April 19, 2007 pursuant to Section 7.2(b) of the Act (415 ILCS 5/7.2(b) (2006)). *See* 31 Ill. Reg. 7188 (May 11, 2007) (Notice of Public Information Pursuant to 415 ILCS 5/7.2(b))

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

## **FEDERAL ACTIONS CONSIDERED IN THIS RULEMAKING**

This docket includes federal SDWA amendments that USEPA adopted in two consecutive time periods: January 1, 2006 through June 30, 2006 and July 1, 2006 through December 31, 2006. USEPA adopted three sets of amendments during the two periods that affected the SDWA primary drinking water regulations. The following briefly summarizes those three principal federal actions that are considered in this rulemaking, including four corrections to them:

### **R07-2: SDWA Update, USEPA Amendments January 1, 2006 through June 30, 2006**

#### **January 4, 2006 (71 Fed. Reg. 388)**

USEPA adopted the Stage 2 Disinfectants and Disinfection Byproducts Rule (DBPR). The DBPR regulates drinking water disinfection practices and the content of disinfection byproducts in drinking water. The Stage 2 DBPR is intended to further reduce the risks of cancer and reproductive and other adverse health effects associated with disinfection byproducts. The Stage 2 rule includes maximum contaminant level standards and monitoring, reporting, and public notification requirements for these contaminants. The Stage 2 rule applies to any community water supply or non-transient, non-community water system that adds a disinfectant other than ultraviolet light to drinking water.

Implementation of the Stage 2 DBPR occurs in phases, and the deadlines for completion of the various phases are staggered, depending on system size. The earliest compliance deadline, that for a supplier that serves 100,000 persons or more to submit an initial distribution system evaluation (IDSE) plan to the State, was October 1, 2006. The latest compliance deadline, which requires compliance with the monitoring requirements by a supplier that serves fewer than 10,000 persons of which *Cryptosporidium* monitoring is required, is October 1, 2014.

The Stage 2 DBPR is an extension of the existing Stage 1 DBPR, adopted by USEPA on December 16, 1998 (at 63 Fed. Reg. 69390) and by the Board on July 22, 1999 (in docket R99-12). The DBPR is a companion to the Enhanced Surface Water Treatment Rule (see the entry below for the January 5, 2006 USEPA action). The federal amendments include corrections to existing regulations and to the existing Stage 1 DBPR.

#### **January 5, 2006 (71 Fed. Reg. 654)**

USEPA adopted the Long Term 2 Enhanced Surface Water Treatment Rule (LT2ESWTR). The LT2ESWTR requires the use of treatment techniques and imposes monitoring, reporting, and public notification requirements on all systems that use surface water as a source of raw water. USEPA intends that the rule protect against *Cryptosporidium* and other microbial contaminants, like *Giardia lamblia*.

Implementation of the LT2ESWTR occurs in phases, just as it does for the Stage 2 DBPR. The deadlines for completion of the various phases are staggered, also depending on

system size. The earliest compliance deadline, that for a supplier that serves 100,000 persons or more to begin its first round of monitoring, was October 1, 2006. The latest compliance deadline, which requires a supplier that serves fewer than 10,000 persons which monitors for *Cryptosporidium* to begin a second round of monitoring, is April 1, 2019.

The LT2ESWTR is an extension of earlier rules pertaining to treatment of surface water that USEPA has adopted. USEPA adopted the Surface Water Treatment Rule (SWTR) and the Total Coliform Rule (TCR) on June 29, 1989 (at 54 Fed. Reg. 27486 and 27544, respectively), and the Board adopted the rules on May 24, 1990 (in docket R88-26). USEPA then adopted the Interim Enhanced Surface Water Treatment Rule (IESWTR) on December 16, 1998 (at 63 Fed. Reg. 69478), which the Board adopted together with the Stage 1 DBPR (see the entry for the USEPA action on July 4, 2006, above) on July 22, 1999 (in docket R99-12). Later, USEPA adopted the Long Term 1 Enhanced Surface Water Treatment Rule (LT1ESWTR) on January 14, 2002 (67 Fed. Reg. 1812), and the Board adopted it on December 19, 2002 (in docket R03-4). The LT2ESWTR is a companion to the Stage 2 DBPR (see the entry for the USEPA action of January 4, 2006, above).

**January 27, 2006 (71 Fed. Reg. 4644)**

USEPA corrected the January 4, 2006 Stage 2 DBPR.

**January 30, 2006 (71 Fed. Reg. 4968)**

USEPA corrected the January 5, 2006 LT2ESWTR.

**February 6, 2006 (71 Fed. Reg. 6136)**

USEPA again corrected the January 5, 2006 LT2ESWTR.

**June 29, 2006 (71 Fed. Reg. 37168)**

USEPA again corrected the January 4, 2006 Stage 2 DBPR.

**R07-11: SDWA Update, USEPA Amendments July 1, 2006 through December 31, 2006**

**November 8, 2006 (71 Fed. Reg. 65574)**

USEPA adopted the Ground Water Rule (GWR). Compliance with the federal GWR is required by December 1, 2009. The GWR is intended to increase protection against microbial pathogens in public water systems that use groundwater sources. Under the GWR, disinfection is required as a treatment technique for all public water systems, including surface water systems and groundwater systems, as necessary. The GWR targets groundwater systems that are susceptible to fecal contamination, instead of requiring disinfection for all groundwater systems. The GWR requires groundwater systems that are at risk of fecal contamination to take corrective action to reduce cases of illnesses and deaths due to exposure to microbial pathogens.

**November 21, 2006 (71 Fed. Reg. 67427)**

USEPA corrected the references to analytical methods for use under GWR.

**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 December 31, 2006, that further amend the SDWA rules in a way that affects the present amendments.

USEPA adopted major amendments to the analytical methods on March 12, 2007 and March 26, 2007, but the relatively minor overlap between those amendments and the rules that are the subject of this consolidated docket would not justify the further delay that would result through inclusion of those later amendments to the methods in this docket. The Board will address these amendments in the next update docket, SDWA Update, USEPA Amendments (January 1, 2007 through June 30, 2007), R08-7 (reserved), as a matter of course.

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

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

As of this date, USEPA adopted the major amendments to the analytical methods on March 12, 2007 and March 26, 2007, mentioned above. No Board action will be required at this time to update the version of 40 C.F.R. 136 incorporated by reference in Part 611 to include the amendments.

**TIMETABLE FOR COMPLETION OF THIS RULEMAKING**

Under Section 7.2 of the Act (415 ILCS 5/7.2(b) (2006)), the Board must complete this rulemaking within one year of the date of the earliest set of federal amendments considered in this docket. USEPA adopted the earliest federal amendments that required Board attention on January 4, 2006, so that the deadline for Board adoption of these amendments under that provision was January 4, 2007.

Section 7.2(b), however, further provides for extension of the deadline for final Board action by adoption of a Board order and publication of a Notice of Public Information on Proposed rules that extends the deadline. By orders dated December 21, 2006 (also consolidating dockets R07-2 and R07-11) and April 19, 2007, the Board twice used this provision to extend the deadline. Delays, compounded by the volume and complexity of the

present amendments, made the extensions necessary. The final Board deadline to adopt these amendments is now August 6, 2007.

Adoption of these amendments today will allow timely completion of these amendments by the extended August 6, 2007 due date.

### **PUBLIC COMMENTS**

The Board adopted a proposal for public comment in this consolidated docket on May 3, 2007. A Notice of Proposed Amendments appeared in the June 8, 2007 issue of the *Illinois Register*, at 31 Ill. Reg. 7729. The Board received public comments on the proposal for 45 days following the date of publication, until July 23, 2007. The Board now adopts the amendments after due consideration of the comments received.

During the comment period, the Board received one public comment from the Joint Committee on Administrative Rules (JCAR) and one from the Illinois Environmental Protection Agency (Agency). These comments are described as follows:

- PC 1 Comments of JCAR, as forwarded by E-mail by Erin Conley of the Board (on June 4, 2007), together with attached responses by Michael McCambridge of the Board submitted by reply e-mail to JCAR (on June 26, 2007).
- PC 2 Comments of the Agency, as submitted by Stefanie N. Diers, Assistant Counsel, Division of Legal Counsel (July 9, 2007), together with attached correction by Stefanie Dyers forwarded by e-mail to Michael McCambridge of the Board (on July 16, 2007).
- PC 3 Comments of Bill Spaulding, USEPA, Region 5, as forwarded attached to e-mail from Stefanie N. Diers (July 19, 2007).

In PC 2, the Agency suggests a series of substantive changes relating to a single aspect of the rule. The Agency requests that the Board add a handful of references to the Illinois Wellhead Protection Program. The Board has revised the text of the amendments in response to the substantive Agency suggestions. This is discussed the segment of this opinion that considers the amendments derived from the federal Ground Water Rule, beginning below on page 15 of this opinion.

The Agency, in PC2; JCAR, in PC 1; and USEPA, in PC 3, each submitted a series of minor, non-substantive corrections to the rules. In addition to the comment received, the Board received a document from JCAR that indicates the corrections that JCAR made to the text of the amendments while preparing the Notice of Proposed Amendments for publication. None of these suggestions for minor corrections merit extended discussion. The table that begins on page 193 of this opinion itemizes the changes made in response to the many suggestions. Another table that begins on page 212 itemizes the suggestions not followed, indicating in brief the reasons why the Board did not follow each.

The Board expects to file any adopted rules with the Secretary of State immediately after adoption, but no later than August 6, 2007, consistent with the Board's December 21, 2006 and April 19, 2007 extension orders.

## **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**

#### **Stage 2 Disinfectants and Disinfection Byproducts Rule--Sections 611.101, 611.160, 611.310, 611.312, 611.381, 611.382, 611.383, 611.385, 611.680, 611.685, 611.860, 611.881, and 611.883; Subparts W and Y; and Appendices C, G, and H**

The USEPA action of January 4, 2006 (70 Fed. Reg. 59848) adopted the Stage 2 Disinfectants and Disinfection Byproducts Rule (DBPR). The Stage 2 DBPR is an extension of the existing Stage 1 DBPR, adopted by USEPA on December 16, 1998 (at 63 Fed. Reg. 69390) and by the Board on July 22, 1999 (in docket R99-12). The two stages of the DBPR regulate drinking water disinfection practices and the content of disinfection byproducts in drinking water. The DBPR is a companion to the Enhanced Surface Water Treatment Rule (see the next entry below). The federal amendments include corrections to existing regulations and to the existing Stage 1 DBPR.

USEPA intended the Stage 2 DBPR to further reduce the risks of cancer and reproductive and other adverse health effects associated with disinfection byproducts. The Stage 2 rule applies to any community water supply or non-transient, non-community water system that adds a disinfectant other than ultraviolet light to drinking water. It includes maximum contaminant level standards and monitoring, reporting, and public notification requirements for total trihalomethanes (TTHMs)<sup>1</sup> and haloacetic acids (HAA5)<sup>2</sup>.

There are two aspects to implementation of the Stage 2 DBPR. The two aspects correlate with the two new subparts added to the federal regulations. In the first aspect, based on new federal subpart U (which corresponds with new Subpart W in the Illinois rules), a supplier must complete an initial distribution system evaluation (IDSE). The IDSE establishes monitoring

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<sup>1</sup> TTHM is the sum of the concentrations of all the trihalomethane compounds (THMs). The THMs are defined as including four compounds: trichloromethane (chloroform), dibromochloromethane, bromodichloromethane, and tribromomethane (bromoform).

<sup>2</sup> HAA5 is the sum of the concentrations of haloacetic acid compounds, which are defined to include five compounds: monochloroacetic acid, dichloroacetic acid, trichloroacetic acid, monobromoacetic acid, and dibromoacetic acid.

locations and schedules for monitoring TTHM and HAA5, and it determines the occurrence of TTHM and HAA5 in the distribution system. In the second aspect, based on new federal subpart V (which corresponds with new Subpart Y in the Illinois rules), the supplier must engage in continued compliance monitoring. That monitoring demonstrates compliance with the maximum contaminant levels (MCLs) for TTHM and HAA5 for all systems and with the maximum disinfectant residuals (MRDLs) for chlorine and chloramine for consecutive systems.

Compliance with the IDSE aspect of the Rule occurs in three phases. In the first, the supplier must submit either a standard monitoring plan or a system-specific study plan. A standard modeling plan includes a schematic diagram of the supplier's entire distribution system that indicates the dates and locations where the supplier intends to collect monitoring samples. A system-specific study plan is based either on existing monitoring data or on extended period hydraulic modeling of the supplier's distribution system. Under the second phase of the IDSE requirements, the supplier must complete its standard monitoring or system-specific study based on the plan that it submitted in the first phase. The third phase requires the supplier to submit its IDSE report, which includes recommendations and justifications for TTHM monitoring locations and dates under the second aspect of the Rule: "Subpart Y" monitoring.<sup>3</sup>

Alternatively, a supplier may apply for "40/30" certification.<sup>4</sup> A 40/30 certification is available to a supplier that has monitored for TTHM and HAA5 for eight consecutive calendar quarters and had no samples exceed threshold limits for these contaminants. A supplier that receives 40/30 certification does not have to submit a standard monitoring plan or a system-specific study plan, but the Agency may still require the supplier to submit proposed monitoring locations and engage in monitoring. The rules further provide that a very small system supplier (one that serves fewer than 500 people) that has taken samples for TTHM and HAA5 does not need to submit a standard monitoring plan or a system-specific study plan.

The second aspect of the Stage 2 BDPR is TTHM and HAA5 compliance monitoring. The monitoring locations and dates are based on the approved IDSE from the first aspect of the State 2 Rule. Suppliers that have received either 40/30 certification or a small system waiver must assemble and maintain a Subpart Y monitoring plan.

Under both the IDSE requirements and the Subpart Y compliance monitoring requirements, the required number of sampling locations and the required sampling frequency varies, depending on the supplier. Generally, larger suppliers must monitor more frequently at more locations, and a supplier that uses surface water or groundwater under the direct influence of surface water must monitor more frequently and at more locations than one using

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<sup>3</sup> It is called "Subpart V" monitoring under the federal rules. The Board found it necessary to designate this as "Subpart Y," since Subpart V under the Illinois regulations is already designated for public notification requirements.

<sup>4</sup> The certification is that the system does not exceed 40 micrograms per liter ( $\mu\text{g}/\ell$ ) TTHM or 30  $\mu\text{g}/\ell$  HAA5. These are called "threshold levels" in this opinion, since the actual numeric values are of no value for the purposes of this discussion.

groundwater. Subpart Y monitoring also allows less frequent (reduced) monitoring if the locational running annual average (LRAA) for TTHM and HAA5 are below threshold levels. Conversely, more frequent monitoring may be required where the LRAA exceeds twice the threshold levels.

The deadlines for completion of the various activities required under the Stage 2 DBPR are staggered, depending on system size. Suppliers with larger populations served must complete the activities earlier than those serving smaller populations. The earliest compliance deadlines relate to submission of the standard monitoring plan or system-specific study plan or to application for 40/30 certification. A supplier serving 100,000 or more persons must have submitted the documents by October 1, 2006. One serving fewer than 10,000 persons is not required to do so until April 1, 2008. The second deadline is for completion of the standard monitoring or system-specific study, for which the submission deadlines range from September 30, 2008 to March 31, 2010, depending on system size. Suppliers must submit their completed IDSE reports by January 1, 2009 to July 1, 2010, depending on the size of the population served. Compliance with the Subpart Y monitoring requirements is required by April 1, 2012, for a supplier that serves 100,000 persons or more, ranging to October 1, 2014, for a supplier that serves fewer than 10,000 persons which is required to monitor for *Cryptosporidium* under the Stage 1 DBPR requirements.

USEPA subsequently corrected the Stage 2 DBPR. The corrections occurred on January 27, 2006 (71 Fed. Reg. 4644) and June 29, 2006 (71 Fed. Reg. 37168).

The Board added the Stage 2 DBPR requirements to the Illinois regulations without substantive deviation. The significant deviations from the federal text are structural changes. First, the Board had to change the subpart designations for the requirements. Under the federal rules, the IDSE requirements are designated subpart U, and the Stage 2 monitoring requirements are subpart V. In the existing Illinois regulations, subpart U contains the consumer confidence reporting provisions, and subpart V contains the public notification requirements. Thus, the new Stage 2 DBPR provisions relating to the IDSE become subpart W in the Illinois rules, and the monitoring requirements become subpart Y.

The second structural change is the reformatting of tabulated information into standard paragraphs. USEPA placed such requirements as compliance deadlines, sampling location and frequency, and a summary of the monitoring requirements into tables. The Illinois Administrative Code format requirements impose margin restrictions, with the margins narrowing with increasing indent levels. Thus, the Board had the options of placing the tabulated information into appendices or reformatting it into the standard paragraph format. Since some of the tabulated material was formatted such that the Board would have had difficulty fitting it on a page, the Board did not retain it in a tabular format. For these reasons, the Board chose to reformat the tabulated information into a paragraph format. When changing the format, the Board added footnotes to the federal table as separate subsections, located and worded in a way that associates the noted material to the appropriate text. While making this change mainly allowed an exact correspondence between the federal and state numbering of provisions, movement of the footnotes required a deviation in numbering: 40 C.F.R.



141.620(c)(6) through (c)(8) became 35 Ill. Adm. Code 611.920(c)(8) through (c)(10). The following list indicates the USEPA tables converted to text:

40 C.F.R. 141.600(c)(1)	Section 611.920(c)(1)(A) through (c)(1)(G)
40 C.F.R. 141.601(b)(1)	Section 611.921(c)(1)(A) through (c)(1)(R)
40 C.F.R. 141.602(a)(1)(i)(B)	Section 611.922(a)(1)(A)(iii) through (a)(1)(A)(xiii)
40 C.F.R. 141.603(a)	Section 611.923(a)(1) through (a)(5)
40 C.F.R. 141.605(b)	Section 611.925(b)(1) through (b)(15)
40 C.F.R. 141.620(c)	Section 611.970(c)(1) through (c)(7)
40 C.F.R. 141.621(a)(2)	Section 611.971(a)(2)(A) through (a)(2)(O)
40 C.F.R. 141.623(a)	Section 611.973(a)(1) through (a)(14)

A third structural change to the text of the federal rules is the addition of definitions for terms that are intended to have a standardized meaning in the rules. USEPA added definitions for “combined distribution system,” “consecutive system,” “dual sample set,” “finished water,” “GAC20,” “locational running annual average,” and “wholesale system.” These are all standardized terms in the Stage 2 DBPR. The Board added definitions for other standardized terms: “40/60 certification,” “initial distribution system evaluation,” “standard monitoring,” “Subpart I system,” “Subpart I compliance monitoring,” “Subpart Y compliance monitoring,” “system-specific study plan,” and “very small system waiver.” While a standardized meaning is intended for each term, USEPA did not include their definitions. The Board added the definitions derived from the meanings apparent from the context of the regulations.

A fourth structural change from the literal federal text relates to Agency decision-making under the Stage 2 rule. Several provisions in the rule provide for State decisions that determine the applicability of segments of the rule. For example, 40 C.F.R. 141.600(c)(2) (corresponding with Section 611.920(c)(2)) provides that the State may determine that a combined distribution system does not include certain consecutive systems or wholesale systems, for the purposes of determining the size of the system to ascertain an effective date for the IDSE requirements. Another provision, 40 C.F.R. 141.602(a)(1)(ii)(F) (corresponding with Section 611.922(a)(1)(B)(vi)) provides that the State may reject existing monitoring data, and that the supplier must replace that data on a State-approved schedule. There are several other provisions in the Stage 2 DBPR that require decisions made by the State which determine either the applicability of segments of the rules or the course of action that the supplier must take.

The Board reviewed all the determinations assigned by USEPA to the State, to determine their nature and the appropriate State agency to make the determination. The Board found them uniformly to be the types of determinations that the Agency could best make in the nature of a permit decision. The Board assigned all of these determinations to the Agency. The Board chose to use the existing Section 611.110 mechanism of the “special exception permit” (SEP) for each determination. The SEP procedure requires the Agency to make each determination in writing, and it expressly provides for the mechanism of Board review to challenge the Agency determination. The following table indicates the provisions in which the SEP is used as the tool for Agency determinations required under the Stage 2 DBPR, indicating the federal provision from which each derived:

<u>35 Ill. Adm. Code Provision</u>	<u>Corresponding 40 C.F.R. Provision</u>
611.161	142.16
611.920(c)(2)	141.600(c)(2)
611.922(a)(1)(B)(vi)	141.602(a)(1)(ii)(F)
611.924(a) & (b)	141.604(a) & (b)
611.970(c)(7) & (c)(10)	141.620(c) table, note 1 & 141.620(c)(8)
611.971(a)(1)	141.621(a)(1)
611.972(c)	141.621(c)
611.973(d)	141.623(d)
611.979(a)(3)	141.929(a)(3)

Finally, the Board found it necessary to incorporate requirements from 40 C.F.R. 142 into the Illinois drinking water regulations. Generally, 40 C.F.R. 141 contains all the National Primary Drinking Water Regulations (NPDWRs). The companion regulations of 40 C.F.R. 142 pertain to implementation of the NPDWRs. Significantly, federal part 142 sets forth the state primacy requirements. On occasion, however, USEPA includes elements in the state primacy requirements that the Board must include with the substantive NPDWRs.

As a segment of the Stage 2 DBPR, USEPA authorized the State to modify the monitoring requirements for wholesale and consecutive systems on a case-by-case basis. The text of 40 C.F.R. 142.16(m), which USEPA added for the authorization, however, includes only one aspect of any such modification of the monitoring requirements: that every system must have at least one compliance monitoring location. This is not enough to provide a framework for Agency decision-making. The Board could not include a provision in the Illinois rules that would allow the Agency to reduce the monitoring without providing the basis on which the Agency could make a determination to allow it.

Review of the *Federal Register* discussion of modification of the monitoring requirements, indicates the factors that USEPA intended the State to consider when deciding to allow the reduced monitoring. USEPA stated as follows:

EPA believes that assigning compliance monitoring requirements appropriately throughout the combined distribution system requires a case-by-case determination based on factors such as amount and percentage of finished water provided; whether finished water is provided seasonally, intermittently, or full-time; and improved DBP occurrence information. . . . States may consider modifications to Stage 2 compliance monitoring requirements for consecutive systems on a case-by-case basis as allowed by § 141.29 or under the special primacy condition at § 142.16(m)(3) by taking all these factors into consideration. In making these case-by-case determinations, the State will be able to use its system-specific knowledge, along with the IDSE results, to develop an appropriate monitoring plan for each system within the combined distribution system. 71 Fed. Reg. 388, 430-31 (Jan. 4, 2006).

The Board used this description of what USEPA intended and other segments of the federal rules to add the framework for an Agency determination to modify the monitoring

requirements for consecutive and wholesale systems on a case-by-case basis. The Board included Section 611.161 in the Illinois rules, derived from new 40 C.F.R. 142.16(m) and the preamble discussion in the *Federal Register*. Subsection (a) sets forth the system-specific information that the Agency must consider, as outlined in the *Federal Register* discussion quoted above. Subsection (b) includes the minimum one compliance monitoring location limitation from 40 C.F.R. 142.16(m). Subsection (c) was added to parallel 40 C.F.R. 141.622(c) (corresponding with Section 611.972(c) in the Illinois rules), which requires Agency consideration when changes occur that could affect the federal subpart V (Illinois Subpart Y) monitoring plan. Subpart (d) would restrain the Agency from relaxing the monitoring until after USEPA has authorized the Illinois rules by granting primacy to the State.

A small number of changes from the long-standing federal text are differences in nomenclature. Principally, the Board opted to restrict the meanings of “system” and “supplier.” Following the usage established in Safe Drinking Water Act Regulations, R88-26 (Aug. 9, 1990) at pp. 39-40, the Board has used “system” to refer to the physical plant used to process and deliver potable water and to use “supplier” to refer to the person that owns or operates the water system. In some instances, it was necessary to use “system supplier,” as in Section 611.382(b)(1)(C) (“Subpart B system supplier”), 611.802(g) (“consecutive system supplier”), and 611.921(b)(1)(K) (“groundwater system supplier”). Other changes include the shift from the second person “you” and “your” to the third person “the supplier,” “it,” “its,” etc. Another change is continuation of the Board’s past practice of changing requirements in the plural in the federal text to singular in the corresponding Illinois rule.

One aspect of the Stage 2 DBPR that the Board has not changed are the past compliance deadlines. For example, a supplier that serves 100,000 or more persons was to have submitted its standard monitoring plan, system-specific study plan, or 40/30 certification by October 1, 2006. A supplier that provides water to 50,000 to 99,999 persons was to have submitted the appropriate of these documents by April 1, 2007. These past dates would present problems were the Board to impose them as a matter of State law, but the Board does not intend to do so. Retention of these past dates is a required part of the Board’s “identical-in-substance” mandate under Section 7.2 of the Act. 415 ILCS 5/7.2 (2006). The Board perceives that the suppliers to whom these dates apply were to have completed them as a matter of federal law. By retaining the past dates in the text of Sections 611.920(c)(1)(A) and (c)(1)(B) and 611.923(a)(1) and (a)(2) in the Illinois rules, the Board avoids inconsistency with the corresponding provisions of 40 C.F.R. 141.600(c)(1)(i) and (c)(1)(ii) and 141.603(a)(1) and (a)(2). The Board believes that the past-tense wording chosen to refer to the past dates in these provisions avoids the possibility of improper *ex post facto* of these dates as a matter of State law.

The tables that appear beginning on page 22 of this opinion list and briefly describe the deviations from the literal text of the federal rules and the changes made in the existing text of the Illinois rules that were not derived from federal amendments. The Board requested public comment on the incorporation of the January 4, 2006 Stage 2 DBPR into the Illinois drinking water regulations. The Board received several suggestions for minor, non-substantive changes from JCAR and the Agency. The Board received no substantive comments on this aspect of the present amendments.

**Long Term 2 Enhanced Surface Water Treatment Rule--Sections 611.101, 611.160, and 611.911; Appendix G; and Subpart Z**

USEPA adopted the Long Term 2 Enhanced Surface Water Treatment Rule (LT2ESWTR) on January 5, 2006 (70 Fed. Reg. 59848). The LT2ESWTR is a companion to the Stage 2 DBPR. The LT2ESWTR is aimed at achieving enhanced protection against *Cryptosporidium* and *Giardia lamblia*. It is an extension of a series of successive federal rules relating to surface water treatment. USEPA adopted the Surface Water Treatment Rule (SWTR) and the Total Coliform Rule (TCR) on June 29, 1989 (at 54 Fed. Reg. 27486 and 27544, respectively). It then adopted the Interim Enhanced Surface Water Treatment Rule (IESWTR) on December 16, 1998 (at 63 Fed. Reg. 69478). On January 14, 2002 (67 Fed. Reg. 1812), USEPA adopted the Long Term 1 Enhanced Surface Water Treatment Rule (LT1ESWTR). The Board adopted the SWTR on May 24, 1990 (in docket R88-26), the IESWTR on July 22, 1999 (in docket R99-12), and the LT1ESWTR on December 19, 2002 (in docket R03-4).

The LT2ESWTR adds a new subpart W to the federal rules (which corresponds with new Subpart Z in the Illinois rules). Its various requirements have two aspects: source water monitoring and water treatment for *Cryptosporidium* reduction. The LT2ESWTR requires a supplier that uses surface water or groundwater under the influence of surface water to monitor source water for *Cryptosporidium*. The monitoring is to occur in two rounds, with the second round to be completed nine years after the first. As with the Stage 2 DBPR, suppliers that serve larger populations must complete each round of monitoring earlier than those that serve smaller populations. For example, a supplier that serves 100,000 persons or more must have completed the monitoring by October 1, 2006, but one that serves fewer than 10,000 persons and monitors for *Cryptosporidium* does not need to begin first round monitoring until April 1, 2010.

How the first-round source water monitoring requirements apply to suppliers also varies. Among suppliers that serve 10,000 persons or more, monitoring must occur at least monthly, with filtered system suppliers monitoring for *Cryptosporidium*, *E. coli*, and turbidity, and unfiltered system suppliers monitoring for *Cryptosporidium* only. A filtered system supplier that serves fewer than 10,000 persons is required to monitor for *E. coli* for 12 months, but may avoid this monitoring if it monitors for *Cryptosporidium* for 12 months or 24 months, depending on the frequency of monitoring, or if the State approves an alternative indicator. An unfiltered system supplier that serves fewer than 10,000 persons is required to monitor for *Cryptosporidium* for 12 months or 24 months, depending on the frequency of monitoring. Alternatively, a supplier may avoid the first-round monitoring requirements if it provides treatment for *Cryptosporidium*. A filtered system supplier must provide treatment to achieve at least a 5.5-log (316,000-fold) reduction in *Cryptosporidium* to avoid first-round monitoring, and an unfiltered system must provide 3-log (1,000-fold) reduction.

Based on the results of the first-round monitoring, a filtered system supplier is placed into one of four treatment classifications that USEPA calls "bins." The bins are numbered one through four. The higher the incidence of *Cryptosporidium* in the first-round monitoring, the higher the supplier's bin classification. The higher the bin classification, the greater the level of log-reduction in *Cryptosporidium* required of the supplier through treatment. Unfiltered system suppliers do not receive a bin classification. Instead, an unfiltered system that has a mean

*Cryptosporidium* concentration greater than a low threshold value must provide a 1-log inactivation greater than a supplier whose *Cryptosporidium* concentration is below that value.

The deadline for compliance with the *Cryptosporidium* treatment requirements varies from April 1, 2012, for a supplier that serves 100,000 or more persons, to October 1, 2014, for a supplier that serves fewer than 10,000 persons. The treatment requirements comprise a series of “toolbox options” that a supplier might employ to gain log-reduction credits. For example, pursuing a watershed control program or using two-stage lime softening confers 0.5-log reduction credit, and slow sand filtration confers 3.0-log credit when used as a primary filtration process. The log credit conferred by disinfection depends on the disinfectant used and the disinfectant concentration-contact time (CT). The regulations set forth CT tables for chlorine dioxide and ozone that also account for the water temperature, and one for ultraviolet (UV) radiation that sets forth numbers that are independent of temperature. Disinfection can confer from 0.25-log to 4.0-log credit.

The final LT2ESWTR requirements to take effect are the second-round source water monitoring requirements. Suppliers must begin their second-round monitoring after the deadline for compliance with the *Cryptosporidium* treatment requirements. The deadline for beginning second-round monitoring varies from April 1, 2015, for a supplier that serves 100,000 or more persons, to October 1, 2019, for a supplier that serves fewer than 10,000 persons which is required to engage in monitoring for *Cryptosporidium*.

The Board added the LT2ESWTR requirements to the Illinois regulations without substantive deviation. As with the Stage 2 DBPR discussed above, the significant deviations from the federal text are structural changes. First, the Board had to change the subpart designation for the requirements. Under the federal rules, the LT2ESWTR requirements are designated subpart W. In the Illinois regulations, however, new Subpart W adds IDSE requirements from the Stage 2 DBPR. Thus, the new LT2ESWTR provisions become subpart Z in the Illinois rules.

The second structural change is the reformatting of tabulated information into standard paragraphs, just as discussed above relating to the Stage 2 DBPR. USEPA placed into tables requirements such as compliance deadlines, bin classifications, *Cryptosporidium* treatment requirements, the microbial toolbox, and the log credits for the various CT values and UV doses. As stated above, the Board had the options of placing the tabulated information into appendices or reformatting it into the standard paragraph format. The Board chose to reformat the tabulated information relating to compliance deadlines, bin classifications, *Cryptosporidium* treatment requirements, and the microbial toolbox into a paragraph format. When changing the format, the Board added footnotes to the federal table as separate subsections, located and worded in a way that associates the noted material to the appropriate text. While making this change mainly allowed an exact correspondence between the federal and state numbering of provisions, movement of the footnotes required a deviation in numbering: 40 C.F.R. 141.711(a) became 35 Ill. Adm. Code 611.1011(a)(1) through (a)(13). The following list indicates the USEPA tables converted to text:

<u>Federal Table</u>	<u>Illinois Text</u>
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40 C.F.R. 141.701(c)	Section 611.1001(c)(1) through (c)(5)
40 C.F.R. 141.710(c)	Section 611.1010(c)(1) through (c)(6)
40 C.F.R. 141.711(a)	Section 611.1011(a)(1) through (a)(13)
40 C.F.R. 141.713(c)	Section 611.1013(c)(1) through (c)(5)
40 C.F.R. 141.715(b)	Section 611.1015(b)(1) through (b)(5)(C)
40 C.F.R. 141.721(f)	Section 611.1021(f)(1) through (c)(15)(B)

The Board, however, retained the tabulated format for the log credits for the various CT values and UV doses in new Tables H through J in the rules. The following list indicates the three tables retained in tabular format and codified as tables to Part 611:

<u>Federal Table</u>	<u>Illinois Table</u>
40 C.F.R. 141.720(b)(1)	Table H to Part 611
40 C.F.R. 141.720(b)(2)	Table I to Part 611
40 C.F.R. 141.720(d)(1)	Table J to Part 611

As with the Stage 2 DBPR, the Board opted to restrict the meanings of “system” and “supplier” in the LT2ESWTR. Also as with the Stage 2 DBPR, one aspect of the Stage 2 DBPR that the Board has not changed are the past compliance deadlines. The segments of the above discussion of the Stage 2 DBPR pertaining to the usage apply to this discussion of the LT2ESWTR. Finally, the Board chose to require the use of the SEP procedure of Section 611.110 for the many Agency determinations under the LT2ESWTR, just as under the Stage 2 BDPR. The following table indicates the provisions in which the SEP is used as the tool for Agency determinations required under the LT2ESWTR, indicating the federal provision from which each derived:

<u>35 Ill. Adm. Code Provision</u>	<u>Corresponding 40 C.F.R. Provision</u>
611.1001(a)(5) & (e)(1)	141.701(a)(5) & (e)(1)
611.1002(b)(1) & (b)(2)(B)	141.702(b)(1) & (b)(2)(ii)
611.1003(a) & (b)(2)	141.703(a) & (b)(2)
611.1004(b)(2)	141.704(b)(2)
611.1007(a)(1), (e)(1), (g) & (h)	141.707(a)(1), (e)(1), (g) & (h)
611.1008(b)(4)	141.708(b)(4)
611.1009(a), (b)(1), (b)(2) & (d)(4)	141.7009(a), (b)(1), (b)(2) & (d)(4)
611.1011(d)	141.711(d)
611.1013(c)(5) & (d)	141.713(c)(5) & (d)
611.1016(a)(4), (a)(5)(B)(ii), (a)(5)(C), (a)(6) & (b)(1)	141.716(a)(4), (a)(5)(ii)(B), (a)(5)(iii), (a)(6) & (b)(1)
611.1017(c)(5) & (c)(7)	141.717(c)(5) & (c)(7)
611.1018(c) & (c)(3)	141.718(c) & (c)(3)
611.1019(b)(3)(F), (b)(4)(A), (c) & (d)	141.719(b)(3)(vi), (b)(4)(i), (c) & (d)
611.1020(d)(2)(C) & (d)(3)(A)	141.720(d)(2)(iii) & (d)(3)(i)
611.1021(f)	141.721(f)

The tables that appear beginning on page 22 of this opinion list and briefly describe the deviations from the literal text of the federal rules and the changes made in the existing text of

the Illinois rules that were not derived from federal amendments. The Board requested public comment on the incorporation of the January 4, 2006 Stage 2 DBPR into the Illinois drinking water regulations. The Board received several suggestions for minor, non-substantive changes from JCAR and the Agency. The Board received no substantive comments on this aspect of the present amendments.

**Groundwater Rule--Sections 611.490, 611.524, 611.883, 611.902, and 611.903; Appendices A, G, and H; and Subpart S**

USEPA adopted the Groundwater Rule (GWR) on November 8, 2006 (70 Fed. Reg. 65574). The GWR applies microbial quality standards to suppliers using groundwater sources. The LT2ESWTR is aimed at achieving increased protection against microbial pathogens. Instead of applying disinfection requirements to all groundwater source suppliers, the GWR targets suppliers that are at risk of contamination. Compliance with the provisions of the GWR is required by December 1, 2009, except that the Agency is not required to complete the initial sanitary surveys upon which many requirements depend until December 31, 2012, for a community water system, or December 31, 2014, for a non-community water system.

The GWR adds a new subpart S to the federal rules (which corresponds with new Subpart S in the Illinois rules). Its various requirements have two aspects: (1) initial study and monitoring to determine whether a system is susceptible to fecal contamination and (2) the requirement for disinfection as a treatment technique to control microbial contamination.

The GWR requires the State to conduct sanitary surveys of each supplier to determine the susceptibility of its system to contamination. The supplier is required to provide all requested pertinent information to the State to aid the survey. The sanitary survey examines the water sources, facilities, equipment, operation, maintenance, and monitoring compliance of a supplier to determine the adequacy of its system for protection against microbial contaminants. The Agency must conduct the initial sanitary survey for each supplier by December 31, 2012. The Agency must repeat the sanitary survey of each supplier's system no less frequently than every three years, for a community water system that fulfills certain, specified conditions or for a non-community water system (including any combination of removal or disinfection).

The GWR includes source water monitoring requirements. Where a groundwater system supplier either does not provide a 4-log reduction of viruses through treatment, it must engage in source water monitoring under the GWR. Similarly, if a sample from the supplier's routine monitoring under existing requirements tests positive for total coliforms, the supplier must engage in source water monitoring.

If the State identifies a "significant deficiency" in the supplier's system as a result of the survey, the supplier must undertake corrective action approved by the State to address the deficiency. Similarly, if source water monitoring under the GWR indicates fecal contamination in the source water, the supplier must undertake approved corrective action. The appropriate corrective actions are (1) correction of the significant deficiencies, (2) providing an alternative source of water, (3) elimination of the source of the contamination, or (4) providing treatment that produces a 4-log reduction in viruses. If a supplier applies chemical disinfectant to its water

as part of its corrective action, it must monitor disinfectant residual on an ongoing basis. Similarly, if a supplier employs membrane filtration, it must monitor the effectiveness of the process.

The Board added the GWR requirements to the Illinois regulations without substantive deviation. As with the Stage 2 DBPR and LT2ESWTR changes discussed above, the significant deviations from the federal text are structural. First, the Board had to reformat one table into standard paragraph format within the body of the rules. Thus, the table of analytical methods at 40 C.F.R. 141.402(c)(2) has become Section 611.802(c)(2)(A) through (c)(2)(D). The Board placed the footnote material into the associated segments of text, which required the addition of Board notes appended to subsections (c)(2)(A) (for the purposes of subsections (c)(2)(A)(vi) and (c)(2)(A)(vii)), (c)(2)(B)(ii), and (c)(2)(B)(iii).

As with the Stage 2 DBPR and the LT2ESWTR, the Board opted to restrict the meanings of “system” and “supplier” in the GWR. Also as with the Stage 2 DBPR, the Board found it necessary to add definitions not added to the general definitions section by USEPA. The Board added definitions of “groundwater,” “hydrogeologic sensitivity assessment,” “sanitary survey,” and “significant deficiency.” The Board added material from new 40 C.F.R. 141.400(b) to the existing definition of “GWS” in the Illinois rules, which was based on 40 C.F.R. 141.23(b)(2) and the note to 141.24(f)(2) to create the definition of “groundwater system.” The Board added the definition of “hydrogeologic sensitivity assessment” from new 40 C.F.R. 141.400(c)(5). The Board modified the existing definition of “sanitary survey,” which was based on the federal definition of the term in 40 C.F.R. 141.2, to accommodate the new information in the definition of the term added to the state primacy requirements at 40 C.F.R. 142.16(o)(2).<sup>5</sup>

Finally, the Board added a definition of “significant deficiency” to the rules. This term appears in several segments of the GWR. Consequences flow from an Agency finding of significant deficiency. Public understanding of the regulations benefits from inclusion of a definition of such a significant term, but USEPA does not define the term in either the NPDWRs or the preamble discussion. Instead, in the primacy requirements of 40 C.F.R. 142.16(o)(2)(iv), USEPA requires the State to give examples of significant deficiencies as part of the State primacy application. The requirement states as follows:

The State must define and describe in its primacy application at least one specific significant deficiency in each of the eight sanitary survey elements in paragraphs (o)(2)(i)(A) through (o)(2)(i)(H) of this section. Significant deficiencies include, but are not limited to, defects in design, operation, or maintenance, or a failure or malfunction of the sources, treatment, storage, or distribution system that the State determines to be causing, or have potential for causing, the introduction of contamination into the water delivered to consumers. 40 C.F.R. 142.16(o)(2)(iv), as added at 71 Fed. Reg. 65574, 65660 (Nov. 8, 2006).

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<sup>5</sup> See the discussion of the occasional need to add material from the state primacy requirements that is included at page 10 of this opinion.



The Board used this inclusive description of a significant deficiency as the definition for the term, to increase comprehension of the rules while keeping them identical-in-substance to the federal rules.

The tables that appear beginning on page 22 of this opinion list and briefly describe the deviations from the literal text of the federal rules and the changes made in the existing text of the Illinois rules that were not derived from federal amendments. The Board requests public comment on the incorporation of the January 4, 2006 Stage 2 DBPR into the Illinois drinking water regulations.

Finally, the Board chose to require the use of the SEP procedure of Section 611.110 for the many Agency determinations under the GWR, just as under the Stage 2 BDPR and LT2ESWTR. The following table indicates the provisions in which the SEP is used as the tool for Agency determinations required under the GWR, indicating the federal provision from which each derived:

<u>35 Ill. Adm. Code Provision</u>	<u>Corresponding 40 C.F.R. Provision</u>
611.800(c)(3)	141.400(c)(3)
611.801(d)(5)	141.401(d)(5)
611.802(a)(2)(A), (a)(2)(B), (a)(2)(C), (a)(5)(A), (b), (b)(6), (d)(1)(B) & (f)	141.402(a)(2)(i), (a)(2)(ii), (a)(2)(iii), (a)(5)(i), (b), (b)(6), (d)(1)(ii) & (f)
611.803(a)(2), (a)(4), (a)(5)(A) & (b)(2)(A)	141.403(a)(2), (a)(4), (a)(5)(i) & (b)(2)(i)
611.883(h)(6)(A) & (h)(6)(B)	141.153(h)(6)(i) & (h)(6)(ii)

The Board requested public comment on the incorporation of the November 8, 2006 GWR to the Illinois drinking water regulations. The Agency responded with several suggestions for substantive revisions to the text of the amendments. These all relate to the federal sanitary survey requirement in the GWR.

In PC 2, the Agency requested that the Board add references to the Illinois Wellhead Protection Program to the segments of the GWR relating to the sanitary survey requirements. The Agency wants the Board to change the reference to “water sources” in Section 611.801(b) to “delineated WHPAs,” meaning “wellhead protection areas.” The Agency further wants the Board to change the segment of that provision that explains, “identifying sources of contamination by using results of source water assessments or other relevant information where available,” to read instead, “identifying sources within the WHPAs and evaluation of the hydrogeologic sensitivity of the delineated WHPAs conducted under source water assessments or utilizing other relevant information where available.” To support the changed language, the Agency wants the Board to add a definition in Section 611.101 of “wellhead protection area” or “WHPA.” The Agency wants the Board to add references to two documents, which the Agency wishes the Board to incorporate by reference in Section 611.102. The two documents are the following:

“Guidance Document for Groundwater Protection Needs Assessments,” Illinois Environmental Protection Agency, Illinois State Water Survey, and Illinois State Geologic Survey joint report, January 1995; and

“The Illinois Wellhead Protection Program Pursuant to Section 1428 of the Federal Safe Drinking Water Act,” Illinois Environmental Protection Agency, No. 22480, October 1992.

The Board believes that reference to existing requirements of the Act (415 ILCS 5 (2006)) would be both useful to the regulated community and consistent with the Board’s identical-in-substance mandate. The Board agrees that a definition of “wellhead protection area” is necessary in Section 611.101. The Board does not agree, however, that the definition should reference or incorporate by reference Agency guidelines. To do so would be contrary to the Board’s identical-in-substance mandate.

Under the Administrative Procedure Act (APA), a rule is defined as follows:

“Rule” means each agency statement of general applicability that implements, applies, interprets, or prescribes law or policy, but does not include (i) statements concerning only the internal management of an agency and not affecting private rights or procedures available to persons or entities outside the agency, (ii) informal advisory rulings issued under Section 5-150 [(5 ILCS 100/5-150 (2006))], (iii) intra-agency memoranda, (iv) the prescription of standardized forms, or (v) documents prepared or filed or actions taken by the Legislative Reference Bureau under Section 5.04 of the Legislative Reference Bureau Act [(25 ILCS 135/5.04 (2006))]. 5 ILCS 100/1-70 (2006).

Under this definition of a rule, incorporation of the two guidelines could elevate their application to the status of rules, rules not based on those adopted by USEPA. The Board cannot give the two Agency guidance documents the force of rules in the context of this proceeding. If the Agency wishes the documents to have that force and effect in Board rules, it should seek their adoption as rules in a way that satisfies the requirements of Section 27 of the Act (415 ILCS 5/27 (2006)) and the APA (5 ILCS 100 (2006)).

In the context of the Agency’s suggested language for a definition it does not appear that incorporation by reference is even necessary. The Agency-suggested new definition of “wellhead protection area” states as follows:

“Wellhead Protection Area” (“WHPA”) means the surface and subsurface recharge area surrounding a community water supply well or well field, delineated outside of any applicable setback zones (pursuant to Section 17.2 of the Act (415 ILCS 5/17.2)) and in accordance with Illinois’ Approved Wellhead Protection Program (incorporated by reference at Section 611.102) and Guidance Document for Conducting Groundwater Needs Assessments developed pursuant to Section 17.2 of the Act (415 ILCS 5/17.2)(incorporated by reference at Section

611.102), through which contaminants are reasonably likely to move toward such well or well field. PC 2 at page 1.

The definition adopted by the Board has omitted the suggested segments that would have incorporated the Agency guidance documents by reference. The Board has appended a note to the definition that cites the Agency guidance documents as used by the Agency to determine wellhead protection areas. The Board has further made limited stylistic changes to the text. These include using the lower case for the defined term, since it is not a proper noun, and removing the parentheses from the alternative defined abbreviation “WHPA.” The definition adopted then reads as follows:

“Wellhead protection area” or “WHPA” means the surface and subsurface recharge area surrounding a community water supply well or well field, delineated outside of any applicable setback zones (pursuant to Section 17.2 of the Act (415 ILCS 5/17.2)) pursuant to Illinois’ Wellhead Protection Program, through which contaminants are reasonably likely to move toward such well or well field.

BOARD NOTE: The Agency uses two guidance documents for identification of WHPAs:

“Guidance Document for Groundwater Protection Needs Assessments,” Illinois Environmental Protection Agency, Illinois State Water Survey, and Illinois State Geologic Survey joint report, January 1995; and

“The Illinois Wellhead Protection Program Pursuant to Section 1428 of the Federal Safe Drinking Water Act,” Illinois Environmental Protection Agency, No. 22480, October 1992.

The Board completes the changes to the text based on the Agency suggestions by adding the Agency-suggested changes to the definition of “sanitary survey” in Section 611.801(b). Although the Agency did not request similar changes to the definition of “sanitary survey” that appears in the general definitions Section 611.101, the Board made similar revisions to that definition. The Board has not added the incorporations by reference to Section 611.102 as suggested by the Agency.

### **General Revisions and Deviations from the Federal Text**

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

In addition to the amendments derived from federal amendments, the Board often finds it necessary to alter the text of various passages of the existing rules as provisions are opened for

update in response to USEPA actions. This involves correcting deficiencies, clarifying provisions, and making other changes that are necessary to establish a clear set of rules that closely parallel the corresponding federal requirements within the codification scheme of the Illinois Administrative Code.

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

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

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

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

The Board has assembled tables to aid in the location of these alterations and to briefly outline their intended purpose. Table 1 sets forth the miscellaneous deviations from the federal text, and Table 2 itemizes the corrections to the pre-amended base text of the rules in detail. Table 1 begins on page 22 of this opinion, and Table 2 begins on page 179. There is no further discussion of most of the deviations and revisions elsewhere in this opinion.

### **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 significant number of non-substantive corrections in this docket.

When a necessary minor correction comes to the attention of the Board, Board staff makes a note of the correction, and set it aside until the next opportunity to make the correction. The next opportunity generally presents itself when the section involved is next opened for amendment as a result of amendments to the corresponding federal text. The Board has cataloged a small number of changes since the last SDWA update docket, SDWA Update, USEPA Regulations (July 1, 2005 through December 31, 2005), R06-15 (Oct. 5, 2006).

The Board will not discuss the bulk of the particular corrective amendments in this segment of this discussion. Only one warrants specific discussion. That discussion follows this paragraph. The corrections are itemized in the Table 1, which begins on page 22 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 and the Board cannot add them.

### **Tabulation of Miscellaneous Housekeeping Amendments**

The tables below list numerous corrections and amendments that are not based on current federal amendments. The first table (beginning immediately below) includes deviations made in the text of the rules from the verbatim text of the federal amendments. The second table (beginning on page 179 below) contains corrections and clarifications that the Board made in the base text involved. 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 6 of this opinion. Table 3 (beginning on page 193 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 May 3, 2007. Table 3 indicates the changes made, as well as the source that suggested each of the changes. Table 4 (on page 212 below) indicates suggested revisions that the Board has not made in adopting these amendments. Each entry gives a brief explanation why the Board did not incorporate the suggested change.

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

Illinois Section	40 C.F.R. Section	Revision(s)
611 table of contents, 611.161 heading	142.16(m)	Created heading for Section to authorize State decisions allowed by the federal rules
611 table of contents, Subpart S heading	141, subpart S heading	Changed “Ground Water” to “Groundwater”
611 table of contents, 611.801 heading	141.401 heading	Changed “ground water systems” to “GWS Suppliers”
611 table of contents, 611.802 heading	141.402 heading	Changed “ground water” to “groundwater”
611 table of contents, 611.803 heading	141.404 heading	Changed “ground water systems” to “GWS Suppliers”
611 table of contents, 611.804 heading	141.404 heading	Changed “ground water systems” to “GWS Suppliers”
611 table of contents, 611.805 heading	141.405 heading	Changed “ground water systems” to “GWS Suppliers”
611 table of contents, 611.911 heading	141.211 heading	Shortened “Special notice for repeated failure to conduct monitoring of the source water for Cryptosporidium and for failure to determine bin classification or mean Cryptosporidium level” to “Special Notice for Cryptosporidium”
611 table of contents, Subpart W heading	141, subpart V heading	Changed “U” to “W”; capitalized the heading
611 table of contents, 611.922 heading	141.602 heading	Changed “System Specific” to hyphenated “System-Specific”
611 table of contents, 611.925 heading	141.605 heading	Changed “Subpart V” to “Subpart Y”
611 table of contents, Subpart Y heading	141, subpart V heading	Changed “V” to “Y”; capitalized the heading
611 table of contents, 611.972 heading	141.622 heading	Changed “Subpart V” to “Subpart Y”
611 table of contents, 611.977 heading	141.627 heading	Changed “Subpart L” to “Subpart I”
611 table of contents, 611.978 heading	141.628 heading	Changed “Subpart L” to “Subpart I”
611 table of contents, Subpart Z heading	141, subpart W heading	Changed “W” to “Z”; capitalized the heading
611 table of contents, 611.1001 heading	141.701 heading	Added the federal subheading “Source Water Monitoring Requirements” to the Section heading, offset by a colon

611 table of contents, 611.1002 heading	141.702 heading	Added the federal subheading “Source Water Monitoring Requirements” to the Section heading, offset by a colon
611 table of contents, 611.1003 heading	141.703 heading	Added the federal subheading “Source Water Monitoring Requirements” to the Section heading, offset by a colon
611 table of contents, 611.1004 heading	141.704 heading	Added the federal subheading “Source Water Monitoring Requirements” to the Section heading, offset by a colon
611 table of contents, 611.1005 heading	141.705 heading	Added the federal subheading “Source Water Monitoring Requirements” to the Section heading, offset by a colon
611 table of contents, 611.1006 heading	141.706 heading	Added the federal subheading “Source Water Monitoring Requirements” to the Section heading, offset by a colon
611 table of contents, 611.1007 heading	141.707 heading	Added the federal subheading “Source Water Monitoring Requirements” to the Section heading, offset by a colon
611 table of contents, 611.1008 heading	141.708 heading	Added the federal subheading “Disinfection Profiling and Benchmarking Requirements” to the Section heading, offset by a colon
611 table of contents, 611.1009 heading	141.709 heading	Added the federal subheading “Disinfection Profiling and Benchmarking Requirements” to the Section heading, offset by a colon
611 table of contents, 611.1010 heading	141.710 heading	Added the federal subheading “Treatment Technique Requirements” to the Section heading, offset by a colon
611 table of contents, 611.1011 heading	141.711 heading	Added the federal subheading “Treatment Technique Requirements” to the Section heading, offset by a colon
611 table of contents, 611.1012 heading	141.712 heading	Added the federal subheading “Treatment Technique Requirements” to the Section heading, offset by a colon
611 table of contents, 611.1013 heading	141.713 heading	Added the federal subheading “Treatment Technique Requirements” to the Section heading, offset by a colon
611 table of contents, 611.1014 heading	141.714 heading	Added the federal subheading “Treatment Technique Requirements” to the Section heading, offset by a colon
611 table of contents, 611.1015 heading	141.715 heading	Added the federal subheading “Requirements for Microbial Toolbox Components” to the Section heading, offset by a colon

611 table of contents, 611.1016 heading	141.716 heading	Added the federal subheading “Requirements for Microbial Toolbox Components” to the Section heading, offset by a colon
611 table of contents, 611.1017 heading	141.717 heading	Added the federal subheading “Requirements for Microbial Toolbox Components” to the Section heading, offset by a colon
611 table of contents, 611.1018 heading	141.718 heading	Added the federal subheading “Requirements for Microbial Toolbox Components” to the Section heading, offset by a colon
611 table of contents, 611.1019 heading	141.719 heading	Added the federal subheading “Requirements for Microbial Toolbox Components” to the Section heading, offset by a colon
611 table of contents, 611.1020 heading	141.720 heading	Added the federal subheading “Requirements for Microbial Toolbox Components” to the Section heading, offset by a colon
611 table of contents, 611.1021 heading	141.721 heading	Added the federal subheading “Reporting and Recordkeeping Requirements” to the Section heading, offset by a colon
611 table of contents, 611.1022 heading	141.722 heading	Added the federal subheading “Reporting and Recordkeeping Requirements” to the Section heading, offset by a colon
611 table of contents, 611.1023 heading	141.720(b)(1)	Changed “EPA” to “USEPA or the Agency”
611 table of contents, Table H heading	141.723(b)(1) table heading	Changed “mg min/L” to “mg·min/ℓ”
611 table of contents, Table I heading	141.723(b)(2) table heading	Changed “mg min/L” to “mg·min/ℓ”
611.101 “bag filters”	141.2	Placed the defined term in quotation marks; changed “are” to “means”; changed numeric “1” to written “one”
611.101 “bank filtration”	141.2	Placed the defined term in quotation marks; changed “is” to “means”; changed “ground water” to “groundwater”; changed “bank(s)” to “banks”; changed “well(s)” to “wells”
611.101 “bin”	40 CFR 141.710 and the preamble discussion at 71 Fed. Reg. 654, 657 (Jan. 5, 2006)	Added the definition; added the Board note citing the source of the definition



611.101 “cartridge filters”	141.2	Placed the defined term in quotation marks; changed “are” to “means”
611.101 “combined distribution system”	141.2	Placed the defined term in quotation marks; changed “is” to “means”
611.101 “consecutive system”	141.2	Placed the defined term in quotation marks; changed “is” to “means”
611.101 “dual sample set”	141.2	Placed the defined term in quotation marks; changed “is” to “means”; changed “subpart U” to “Subpart W”; changed “subpart V” to “Subpart Y”
611.101 “finished water”	141.2	Placed the defined term in quotation marks; changed “is” to “means”; changed "and" to "which" for a subsequent restrictive relative clause; changed “except as treatment necessary” to “except that treatment which is necessary”; added “etc.” offset by a comma
611.101 “40/60 certification”	141.603(a)	Added the definition of the fundamental term; added the Board note citing the source of the definition
611.101 “GAC10”	141.2	Added “that is” before “used”; changed “subpart V MCLs” to “MCLs set forth in Subpart Y of this Part”; changed “must be” to “is”
611.101 “GAC20”	141.2	Placed the defined term in quotation marks
611.101 “groundwater system”	141.400(b)	Combined the definition with the definition of “GWS” in the general definitions Section; changed “ground water” to “groundwater” (three times); changed “is defined as” to “means”; changed “public water system” to Public water supply” and added the abbreviation “PWS” in parentheses; changed “consecutive systems” to singular “a consecutive system”; changed “receiving” to “that receives”; added the Board note citation to the source of the definition

611.101 “hydrogeologic sensitivity assessment”	141.400(c)(5)	Moved the introductory clause to follow the defined term, offset by commas; changed “is” to “means”; changed "ground water systems obtain" to singular “a GWS supplier obtains”; changed "hydrogeologically sensitive settings" to singular “a hydrogeologically sensitive setting”; added the Board note citing the source of the definition
611.101 “initial distribution system evaluation”	141.921(c)	Added the definition of the fundamental term; added the Board note citing the source of the definition
611.101 “lake or reservoir”	141.2	Placed the defined term in quotation marks; changed “lake/reservoir” to “lake of reservoir”; changed “is” to “means”
611.101 “locational running annual average”	141.2	Placed the defined term in quotation marks; changed the parentheses on the abbreviation “LRAA” to render it as an alternative defined term, adding the conjunction “or”; changed “is” to “means”
611.101 “membrane filtration”	141.2	Placed the defined term in quotation marks; changed “is” to “means”; changed numeric “1” to written “one”
611.101 “plant intake”	141.2	Placed the defined term in quotation marks; changed “is” to “means”; added the indefinite article “a” before “river or lake”
611.101 “presedimentation”	141.2	Placed the defined term in quotation marks; changed “is” to “means”; added a comma after "sand" to separate the final element of a series
611.101 “sanitary survey”	141.16(o)(2)	Added the material from the new federal rule to the existing definition; changed “source(s)” to “sources”; added a comma after "sources" to separate the final element of a series; changed “and the distribution of” to “for the production and distribution of”; added the Board note citing the source of the definition

611.101 “significant deficiency”	142.16(o)(2)(iv)	Added the definition of the fundamental term; added the explanation, “Significant deficiency means . . . Section 611.803.”; changed “significant deficiencies . . . are . . . defects” to singular “a significant deficiency . . . is . . . a defect”; added “might” before “include”; added “system” before “design”; removed the unnecessary commas from before and after “or have potential for causing”; added the Board note citing the source of the definition and explaining its addition
611.101 “standard monitoring”	141.601(a) and (b)	Added the definition of the fundamental term; added the explanation, “Significant deficiency means . . . Section 611.803.”; changed “significant deficiencies . . . are . . . defects” to singular “a significant deficiency . . . is . . . a defect”; added “might” before “include”; added “system” before “design”; removed the unnecessary commas from before and after “or have potential for causing”; added the Board note citing the source of the definition and explaining its addition
611.101 “Subpart I system”	None	Added the definition of the fundamental term
611.101 “Subpart I compliance monitoring”	None	Added the definition of the fundamental term
611.101 “Subpart Y compliance monitoring”	None	Added the definition of the fundamental term
611.101 “system-specific study plan”	141.602	Added the definition of the fundamental term; added the Board note citing the source of the definition
611.101 “two-stage lime softening”	141.2	Placed the defined term in quotation marks; changed “is” to “means”
611.101 “uncovered finished water storage facility”	141.2	Placed the defined term in quotation marks; changed “is” to “means”
611.101 “very small system waiver”	141.604	Added the definition of the fundamental term; added the Board note citing the source of the definition

611.101 “wellhead protection area”	141.401(b)	Added the definition of the term used with regard to sanitary surveys in Section 611.801(b)
611.101 “wellhead protection area” Board note	141.401(b)	Added the explanation of two documents used by the Agency to implement the Illinois Wellhead Protection Program
611.101 “wholesale system”	141.2	Placed the defined term in quotation marks; added a comma after “finished water”; replaced the conjunction “and” with “which” before “then”; added “by a wholesale system” after “delivery”
611.102(b) “NTIS,” “Methods for the Determination of Organic and Inorganic Compounds in Drinking Water”	141.131(a)(2)	Changed “EPA 815-R-00-014” to “EPA 815/R-00/014”; added “Doc. No.” before “PB2000-106981”; added “(referred to as ‘USEPA . . . Methods’); added “referenced in Section 611.381” offset by a comma; changed “EPA Methods 300.1 and 321.8” to “For methods 300.1 and 321.8,” moved it to the end of the reference, and placed it in parentheses
611.102(b) “NTIS,” “Methods for the Determination of Organic Compounds in Drinking Water—Supplement III”	141.131(a)(2)	Changed “EPA/600/R-95/131” to “EPA 600/R-95/131”; added “Doc. No.” before “PB95-261616”; added “referred to as ‘USEPA . . . Methods’” in parentheses; added “referenced in Sections 611.381 and 611.645” offset by a comma; changed “EPA Methods 300.1 and 321.8” to “For methods 502.2, 524.2, 551.1, and 552.2,” moved it to the end of the reference, and placed it in parentheses
611.102(b) “NTIS,” “USEPA Method 326.0”	141.131(a)(2)	Added the listing to show availability through the NTIS; changed “EPA 815-R-03-007” to “EPA 815/R-03/007”; added “Doc. No. PB2003-107402”; added “referred to as ‘OGWDW Methods, Method 326.0, rev. 1.0’” in parentheses; added “referenced in Sections 611.381 and 611.382” offset by a comma
611.102(b) “NTIS,” “USEPA Method 326.0” Board note	141.131(a)(2)	Added the note to explaining availability through the USEPA, Office of Ground Water and Drinking Water

611.102(b) “United States Environmental Protection Agency, Office of Ground Water and Drinking Water,” “USEPA Method 317.0”	141.131(a)(2)	Changed “EPA” to “USEPA”; changed “EPA 815-B-01-001” to “EPA 815/B-01/001”; added “referred to as ‘ OGWDW Methods, Method 317.0, rev. 2.0’” in parentheses; added “referenced in Sections 611.381 and 611.382” offset by a comma
611.102(b) “United States Environmental Protection Agency, Office of Ground Water and Drinking Water,” “USEPA Method 326.0”	141.131(a)(2)	Changed “EPA” to “USEPA”; changed “EPA 815-B-01-001” to “EPA 815/B-01/001”; added “referred to as ‘ OGWDW Methods, Method 317.0, rev. 2.0’” in parentheses; added “referenced in Sections 611.381 and 611.382” offset by a comma
611.102(b) “United States Environmental Protection Agency, Office of Ground Water and Drinking Water,” “USEPA Method 326.0” Board note	141.131(a)(2)	Added the note to explaining availability through the NTIS
611.102(b) “United States Environmental Protection Agency, Office of Ground Water and Drinking Water,” “USEPA Method 327.0”	141.131(a)(2)	Changed “EPA” to “USEPA”; changed “EPA 815-R-05-008” to “EPA 815/R-05/008”; added “referred to as ‘ OGWDW Methods, Method 327.0, rev. 1.1’” in parentheses; added “referenced in Section 611.381” offset by a comma
611.102(b) “United States Environmental Protection Agency, Office of Ground Water and Drinking Water,” “USEPA Method 552.3”	141.131(a)(2)	Changed “EPA” to “USEPA”; changed “EPA 815-B-03-002” to “EPA 815/B-03/002”; added “referred to as ‘ OGWDW Methods, Method 552.3, rev. 1.0’” in parentheses; added “referenced in Section 611.381” offset by a comma
611.102(b) “United States Environmental Protection Agency, Office of Ground Water and Drinking Water,” “USEPA Method 1622 (05)”	141.707(c)(1)(ii)	Changed “Method 1622” to “USEPA Method 1622 (05)”; changed “EPA-815-R-05-001” to “EPA 815/R-05/001”; added “referred to as ‘ USEPA Method 1622 (05)’” in parentheses; added “referenced in Sections 611.1004 and 611.1007” offset by a comma

611.102(b) “United States Environmental Protection Agency, Office of Ground Water and Drinking Water,” “USEPA Method 1622 (01)”	141.707(c)(1)(iv)	Changed “Method 1622” to “USEPA Method 1622 (01)”; changed “EPA-821-R-01-026” to “EPA 821/R-01/026”; added “referred to as ‘ USEPA Method 1622 (01)’” in parentheses; added “referenced in Section 611.1007” offset by a comma
611.102(b) “United States Environmental Protection Agency, Office of Ground Water and Drinking Water,” “USEPA Method 1622 (99)”	141.707(c)(1)(vi)	Changed “Method 1622” to “USEPA Method 1622 (99)”; changed “EPA-821-R-01-026” to “EPA 821/R-01/026”; added “referred to as ‘ USEPA Method 1622 (99)’” in parentheses; added “referenced in Section 611.1007” offset by a comma
611.102(b) “United States Environmental Protection Agency, Office of Ground Water and Drinking Water,” “USEPA Method 1623 (05)”	141.707(c)(1)(i)	Changed “Method 1623” to “USEPA Method 1623 (05)”; changed “EPA-815-R-05-002” to “EPA 815/R-05/002”; added “referred to as ‘ USEPA Method 1623 (05)’” in parentheses; added “referenced in Sections 611.1004 and 611.1007” offset by a comma
611.102(b) “United States Environmental Protection Agency, Office of Ground Water and Drinking Water,” “USEPA Method 1623 (01)”	141.707(c)(1)(iii)	Changed “Method 1623” to “USEPA Method 1623 (01)”; changed “EPA-821-R-01-025” to “EPA 821/R-01/025”; added “referred to as ‘ USEPA Method 1623 (01)’” in parentheses; added “referenced in Section 611.1007” offset by a comma
611.102(b) “United States Environmental Protection Agency, Office of Ground Water and Drinking Water,” “USEPA Method 1623 (99)”	141.707(c)(1)(v)	Changed “Method 1623” to “USEPA Method 1623 (99)”; changed “EPA-821-R-01-026” to “EPA 821/R-01/026”; added “referred to as ‘ USEPA Method 1623 (99)’” in parentheses; added “referenced in Section 611.1007” offset by a comma
611.102(b) “United States Environmental Protection Agency, National Exposure Research Laboratory,” “USEPA Method 415.3”	141.131(a)(2)	Changed “EPA” to “USEPA”; changed “EPA/600/R-05/055” to “EPA 600/R-05/055”; added “referred to as ‘NERL Method 415.3, rev. 1.1’” in parentheses; added “referenced in Section 611.381” offset by a comma

611.102(b) "USEPA Water Resource Center," "Charm E*Colite . . . in Drinking Water"	141.402(c)(2) table & note 6	Added "referred to as 'E*Colite Test'" in parentheses; added "referenced in Section 611.802" offset by a comma; added "also available from Charm Sciences, Inc." in parentheses
611.102(b) "USEPA Water Resource Center," "Total Coliforms and E. coli Membrane Filtration Method with m-ColiBlue24® Broth"	141.402(c)(2) table & note 5	Added "referred to as 'm-ColiBlue24 Test'" in parentheses; added "referenced in Section 611.802" offset by a comma; added "also available from The Hach Company" in parentheses
611.102(b) "USEPA Water Resource Center," "USEPA Method 1600"	141.402(c)(2) table & note 8	Removed the parentheses from the publication date "September 2002" and offset it with a comma; changed "EPA 821-R-02-022" to "EPA 821/R-02/022"; added "referred to as 'USEPA Method 1600'" in parentheses; changed "Standard Method 9230 C" to "Standard Methods, Method 9230 C"; added the document information "'Fecal Streptococcus . . . Techniques' (which has not . . . by USEPA)"; added "accessible on-line and available for download from" before the web address and placed the statement in parentheses; added "referenced in Section 611.802" offset by a comma
611.102(b) "USEPA Water Resource Center," "USEPA Method 1601"	141.402(c)(2) table & note 10	Removed the parentheses from the publication date "April 2001" and offset it with a comma; changed "EPA 821-R-01-030" to "EPA 821/R-01/030"; added "referred to as 'USEPA Method 1601'" in parentheses; added "accessible on-line and available for download from" before the web address and placed the statement in parentheses; added "referenced in Section 611.802" offset by a comma

611.102(b) "USEPA Water Resource Center," "USEPA Method 1602"	141.402(c)(2) table & note 11	Removed the parentheses from the publication date "April 2001" and offset it with a comma; changed "EPA 821-R-01-029" to "EPA 821/R-01/029"; added "referred to as 'USEPA Method 1602'" in parentheses; added "accessible on-line and available for download from" before the web address and placed the statement in parentheses; added "referenced in Section 611.802" offset by a comma
611.102(b) "USEPA Water Resource Center," "USEPA Method 1604"	141.402(c)(2) table & note 4	Removed the parentheses from the publication date "September 2002" and offset it with a comma; changed "EPA 821-R-01-029" to "EPA 821/R-01/029"; added "referred to as 'USEPA Method 1602'" in parentheses; added "accessible on-line and available for download from" before the web address and placed the statement in parentheses; added "referenced in Section 611.802" offset by a comma
611.102(c) "40 CFR 136.3"	141.704(b)	Added the incorporation by reference, including "referenced in Section 611.1004" offset by a comma
611.161	142.16(m) and the preamble discussion	Added the provision to authorize the Agency to allow reduced monitoring, borrowing from the preamble discussion to provide context for Agency decisionmaking
611.312(a)(1)	141.64(a)(1)	Changed "Subpart H systems serving" to singular "a Subpart B system supplier that serves" (twice); changed "ground water" to "groundwater"
611.312(a)(2)	141.64(a)(2)	Changed "the Administrator . . . hereby identifies" to "USEPA has identified"; omitted the parenthetical "pursuant to section 1412 of the Act" and the offsetting commas; changed "best technology" to "best available technology"; omitted "beginning January 1, 2004"
611.312(a)(2) table	141.64(a)(2) table	Changed "byproduct" to capitalized "Byproduct"; changed "available technology" to capitalized "Available Technology"; added the ending period (twice)



611.312(b)(1)	141.64(b)(1)	Changed “Subpart L” to “Subpart I”; changed “RAA” to “running annual average”
611.312(b)(1)(A)	141.64(b)(1)(i)	Changed “Subpart H systems serving” to singular “a Subpart B system supplier that serves” (twice); changed “ground water” to “groundwater”; omitted “beginning January 1, 2002”; changed “Subpart V” to “Subpart Y”
611.312(b)(1)(A) table	141.64(b)(1)(i) table	Changed “byproduct” to capitalized “Byproduct”; changed “mg/L” to “mg/l”
611.312(b)(1)(B)	141.64(b)(1)(ii)	Changed “the Administrator . . . hereby identifies” to “USEPA has identified”; omitted the parenthetical “pursuant to section 1412 of the Act” and the offsetting commas; changed “best technology” to “best available technology”; omitted “beginning January 1, 2004”
611.312(b)(1)(B) table	141.64(b)(1)(ii) table	Changed “byproduct” to capitalized “Byproduct”; changed “available technology” to capitalized “Available Technology”
611.312(b)(2)	141.64(b)(2)	Changed “Subpart V” to “Subpart Y”; changed “LRAA” to “locational running annual average”
611.312(b)(2)(A)	141.64(b)(2)(i)	Changed “Subpart V” to “Subpart Y” (twice); changed “LRAA” to “locational running annual average”
611.312(b)(2)(A) table	141.64(b)(2)(i) table	Changed “byproduct” to capitalized “Byproduct”; changed “mg/L” to “mg/l”
611.312(b)(2)(B)	141.64(b)(2)(ii)	Changed “the Administrator . . . hereby identifies” to “USEPA has identified”; omitted the parenthetical “pursuant to section 1412 of the Act” and the offsetting commas; changed “best technology” to “best available technology”; changed “all systems that disinfect their” to singular “any supplier that disinfects its”
611.312(b)(2)(B) table	141.64(b)(2)(ii) table	Changed “byproduct” to capitalized “Byproduct”; changed “available technology” to capitalized “Available Technology”; added the ending period

611.312(b)(2)(C)	141.64(b)(2)(iii)	Changed “the Administrator . . . hereby identifies” to “USEPA has identified”; omitted the parenthetical “pursuant to section 1412 of the Act” and the offsetting commas; changed “best technology” to “best available technology”; changed “all systems that disinfect their” to singular “any supplier that disinfects its”
611.312(b)(2)(C) table	141.64(b)(2)(iii) table	Changed “byproduct” to capitalized “Byproduct”; changed “available technology” to capitalized “Available Technology”; changed “systems serving” to “any system that serves” (twice); changed “≥10,000” to “10,000 or more persons”; added the ending semicolon and the conjunction “or”; changed “<10,000” to “fewer than 10,000 persons”; added the ending period
611.381(a)	141.131(a)(1)	Used plural “equivalents” to agree with the antecedent “methods”; changed “EPA” to “the Agency”; changed “subparts U and V of this part” to “Subparts W and Y of this Part”
611.381(b)(1)(A)	141.131(b)(1) table	Added the subsection designation; added the ending colon
611.381(b)(1)(A)(iii)	141.131(b)(1) table, note 1	Changed “liquid/liquid” to “liquid-liquid”
611.381(b)(1)(B)	141.131(b)(1) table	Added the subsection designation; added the ending colon
611.381(b)(1)(B)(i)	141.131(b)(1) table & note 1	Changed “liquid/liquid” to “liquid-liquid”; added the subsection designation; changed “SM online” to “Standard Methods, 21st ed.”
611.381(b)(1)(B)(iii)	141.131(b)(1) table & note 1	Changed “liquid/liquid” to “liquid-liquid”; added the subsection designation; changed “EPA method” to “USEPA Organic Methods, Method 552.2”
611.381(b)(1)(C)	141.131(b)(1) table	Added the subsection designation; added the ending colon
611.381(b)(1)(C)(ii)	141.131(b)(1) table	Added the subsection designation; added “by”; changed “&” to “and”; changed “post column” to hyphenated “post-column”; changed “EPA method 317.0 Rev 2.0, 326.0” to “USEPA OGWDW Methods, Method 317.0, rev 2.0, or 326.0, rev. 1.0”

611.381(b)(1)(C)(iii)	141.131(b)(1) table	Added the subsection designation; added “by”; changed “IC/ICP-MS” to “inductively-coupled plasma/mass spectrometer”; changed “EPA method 321.8” to “USEPA Organic and Inorganic Methods, Method 321.8”
611.381(b)(1)(C)(iii) Board note	141.131(b)(1) table, notes 6 and 7	Added the footnotes as a Board note appended to the citation to the method; changed “&” to “and”; changed “IC/ICP-MS” to “inductively-coupled plasma/mass spectrometer”; changed “/L” to “per liter”; added a comma before “and” and “the samples before “must be analyzed” to create an independent clause
611.381(b)(1)(D)	141.131(b)(1) table	Added the subsection designation; added the ending colon
611.381(b)(1)(D)(i)	141.131(b)(1) table	Added the subsection designation; changed “SM online” to “Standard Methods, 21st ed.”
611.381(b)(1)(D)(ii)	141.131(b)(1) table	Added the subsection designation; added “by”; changed “EPA method 327.0 Rev 1.1” to “USEPA OGWDW Methods, Method 327.0 rev 1.1”
611.381(b)(1)(D)(iii)	141.131(b)(1) table	Added the subsection designation; added “by”; changed “EPA method 317.0 Rev 2.0, 326.0” to “USEPA OGWDW Methods, Method 317.0, rev 2.0, or 326.0, rev. 1.0”
611.381(b)(2)	141.131(b)(2)	Changed “subparts U and V of this part” to “Subparts W and Y of this Part”; added “fulfill the requirements of subsections (b)(2)(A), (b)(2)(C), and (b)(2)(D) of this Section”
611.381(b)(2)(A)	141.131(b)(2)(i)	Added “the laboratory must”; changed “Performance Evaluation” to lower-case “performance evaluation”; changed “EPA” to “USEPA”; changed “State” to “Agency”; changed “12 month” to hyphenated “12-month”
611.381(b)(2)(B)	141.131(b)(2)(ii)	Replaced the now-expired provision with an explanatory statement

611.381(b)(2)(C)	141.131(b)(2)(iii)	Removed the past effective date “beginning April 1, 2007” and the offsetting comma; changed “the following acceptance limits” to “the acceptance limits set forth in subsections (b)(2)(c)(i) through (b)(2)(C)(xi) of this Section, subject to the conditions of subsections (b)(2)(C)(xii) and (b)(2)(C)(xiii) of this Section” offset by commas; reformatted the table to standard paragraph format
611.381(b)(2)(C)(i)	141.131(b)(2)(iii) table	Added the subsection designation; replaced the table sub-heading “TTHM” with “a THM” in parentheses in the individual entry; added the colon
611.381(b)(2)(C)(ii)	141.131(b)(2)(iii) table	Added the subsection designation; replaced the table sub-heading “TTHM” with “a THM” in parentheses in the individual entry; added the colon
611.381(b)(2)(C)(iii)	141.131(b)(2)(iii) table	Added the subsection designation; replaced the table sub-heading “TTHM” with “a THM” in parentheses in the individual entry; added the colon
611.381(b)(2)(C)(iv)	141.131(b)(2)(iii) table	Added the subsection designation; replaced the table sub-heading “TTHM” with “a THM” in parentheses in the individual entry; added the colon
611.381(b)(2)(C)(v)	141.131(b)(2)(iii) table	Added the subsection designation; replaced the table sub-heading “TTHM” with “an HAA5” in parentheses in the individual entry; added the colon
611.381(b)(2)(C)(vi)	141.131(b)(2)(iii) table	Added the subsection designation; replaced the table sub-heading “TTHM” with “an HAA5” in parentheses in the individual entry; added the colon
611.381(b)(2)(C)(vii)	141.131(b)(2)(iii) table	Added the subsection designation; replaced the table sub-heading “TTHM” with “an HAA5” in parentheses in the individual entry; added the colon
611.381(b)(2)(C)(viii)	141.131(b)(2)(iii) table	Added the subsection designation; replaced the table sub-heading “TTHM” with “an HAA5” in parentheses in the individual entry; added the colon

611.381(b)(2)(C)(ix)	141.131(b)(2)(iii) table	Added the subsection designation; replaced the table sub-heading “TTHM” with “an HAA5” in parentheses in the individual entry; added the colon
611.381(b)(2)(C)(x)	141.131(b)(2)(iii) table	Added the subsection designation; added the colon
611.381(b)(2)(C)(xi)	141.131(b)(2)(iii) table	Added the subsection designation; added the colon
611.381(b)(2)(C)(xii)	141.131(b)(2)(iii) table	Added the subsection designation; moved the comments relating to TTHM analyses into separate subsection; added the definite article “the”; changed numeric “4” to written “four”; added “of the” before and “set forth in . . . this Section” after “acceptance limits”
611.381(b)(2)(C)(xiii)	141.131(b)(2)(iii) table	Added the subsection designation; moved the comments relating to HAA5 analyses into separate subsection; added the definite article “the”; changed numeric “4” to written “four”; changed numeric “5” to written “the five”; added “set forth in . . . this Section” after “acceptance limits”
611.381(b)(2)(D)	141.131(b)(2)(iv)	Removed the past effective date “beginning April 1, 2007” and the offsetting comma; added “the laboratory must”; changed “the ones” to “the minimum reporting levels (MRLs)”; changed “the following table” to “subsections (b)(2)(D)(i) through (b)(2)(D)(xi) of this Section”; added “subject to the conditions of subsections (b)(2)(D)(xii) and (b)(2)(D)(xiii) of this Section” offset by commas; changed “subparts U and V of this part” to “Subparts W and Y of this Part”; reformatted the table to standard paragraph format
611.381(b)(2)(D)(i)	141.131(b)(2)(iv) table	Added the subsection designation; replaced the table sub-heading “TTHM” with “a THM” in parentheses in the individual entry; added the colon; changed “mg/L” to “mg/l”

611.381(b)(2)(D)(ii)	141.131(b)(2)(iv) table	Added the subsection designation; replaced the table sub-heading “TTHM” with “a THM” in parentheses in the individual entry; added the colon; changed “mg/L” to “mg/l”
611.381(b)(2)(D)(iii)	141.131(b)(2)(iv) table	Added the subsection designation; replaced the table sub-heading “TTHM” with “a THM” in parentheses in the individual entry; added the colon; changed “mg/L” to “mg/l”
611.381(b)(2)(D)(iv)	141.131(b)(2)(iv) table	Added the subsection designation; replaced the table sub-heading “TTHM” with “a THM” in parentheses in the individual entry; added the colon; changed “mg/L” to “mg/l”
611.381(b)(2)(D)(v)	141.131(b)(2)(iv) table	Added the subsection designation; replaced the table sub-heading “HAA5” with “an HAA5” in parentheses in the individual entry; added the colon; changed “mg/L” to “mg/l”
611.381(b)(2)(D)(vi)	141.131(b)(2)(iv) table	Added the subsection designation; replaced the table sub-heading “HAA5” with “an HAA5” in parentheses in the individual entry; added the colon; changed “mg/L” to “mg/l”
611.381(b)(2)(D)(vii)	141.131(b)(2)(iv) table	Added the subsection designation; replaced the table sub-heading “HAA5” with “an HAA5” in parentheses in the individual entry; added the colon; changed “mg/L” to “mg/l”
611.381(b)(2)(D)(viii)	141.131(b)(2)(iv) table	Added the subsection designation; replaced the table sub-heading “HAA5” with “an HAA5” in parentheses in the individual entry; added the colon; changed “mg/L” to “mg/l”
611.381(b)(2)(D)(ix)	141.131(b)(2)(iv) table	Added the subsection designation; replaced the table sub-heading “HAA5” with “an HAA5” in parentheses in the individual entry; added the colon; changed “mg/L” to “mg/l”

611.381(b)(2)(D)(x)	141.131(b)(2)(iv) table	Added the subsection designation; added the colon; changed “mg/L” to “mg/ℓ”; added the comment to the text of the entry, offset by a comma; corrected “141.132(b)(2)(1)(B)” to “611.382(b)(2)(A)(ii)” (equivalent to “141.132(b)(2)(i)(B)”
611.381(b)(2)(D)(xi)	141.131(b)(2)(iv) table	Added the subsection designation; added the colon; changed “mg/L” to “mg/ℓ”; added the comment to the text of the entry; changed “EPA Methods 317.0 Revision 2.0, 326.0 or 321.8” to “USEPA OGWDW Methods, Method 317.0, rev. 2.0, or 326.0 or USEPA Organic and Inorganic Methods, Method 321.8”
611.381(b)(2)(D)(xii)	141.131(b)(2)(iv) table, note 1	Added the footnote material as a separate subsection; changed “minimum reporting level (MRL)” to “MRL”; changed numeric “5” to written “five”
611.381(b)(2)(D)(xiii)	141.131(b)(2)(iv) table, note 2	Added the footnote material as a separate subsection; added “for the compounds . . . of this Section” offset by parentheses; changed “State” to “Agency”
611.381(c)(1)	141.131(c)(1) table	Changed the organization of the material from analytic methodology to disinfectant residual
611.381(c)(1)(A)	141.131(c)(1) table	Added the subsection designation; changed “Cl <sub>2</sub> ” to “Chlorine”; added the ending colon
611.381(c)(1)(A)(i)	141.131(c)(1) table	Added the subsection designation; added “using”; changed “SM online” to “Standard Methods, 21st ed.”
611.381(c)(1)(A)(ii)	141.131(c)(1) table	Added the subsection designation; added “using”; changed “SM online” to “Standard Methods, 21st ed.”
611.381(c)(1)(A)(iii)	141.131(c)(1) table	Added the subsection designation; added “using”; changed “SM online” to “Standard Methods, 21st ed.”
611.381(c)(1)(A)(iv)	141.131(c)(1) table	Added the subsection designation; added “using”; changed “SM online” to “Standard Methods, 21st ed.”
611.381(c)(1)(B)	141.131(c)(1) table	Added the subsection designation; changed “Cl <sub>2</sub> ” to “Chlorine”; added the ending colon

611.381(c)(1)(B)(i)	141.131(c)(1) table	Added the subsection designation; added “using”; changed “SM online” to “Standard Methods, 21st ed.”
611.381(c)(1)(B)(ii)	141.131(c)(1) table	Added the subsection designation; added “using”; changed “SM online” to “Standard Methods, 21st ed.”
611.381(c)(1)(B)(iii)	141.131(c)(1) table	Added the subsection designation; added “using”; changed “SM online” to “Standard Methods, 21st ed.”
611.381(c)(1)(C)	141.131(c)(1) table	Added the subsection designation; changed “Cl <sub>2</sub> ” to “Chlorine”; added the ending colon
611.381(c)(1)(C)(i)	141.131(c)(1) table	Added the subsection designation; added “using”; changed “SM online” to “Standard Methods, 21st ed.”
611.381(c)(1)(C)(ii)	141.131(c)(1) table	Added the subsection designation; added “using”; changed “SM online” to “Standard Methods, 21st ed.”
611.381(c)(1)(C)(iii)	141.131(c)(1) table	Added the subsection designation; added “using”; changed “SM online” to “Standard Methods, 21st ed.”
611.381(c)(1)(C)(iv)	141.131(c)(1) table	Added the subsection designation; added “using”; changed “SM online” to “Standard Methods, 21st ed.”
611.381(c)(1)(C)(v)	141.131(c)(1) table	Added the subsection designation; added “using”; changed “SM online” to “Standard Methods, 21st ed.”
611.381(c)(1)(D)	141.131(c)(1) table	Added the subsection designation; changed “ClO <sub>2</sub> ” to “Chlorine Dioxide”; added the ending colon
611.381(c)(1)(D)(i)	141.131(c)(1) table	Added the subsection designation; added “using”; changed “SM online” to “Standard Methods, 21st ed.”
611.381(c)(1)(D)(ii)	141.131(c)(1) table	Added the subsection designation; added “using”; changed “SM online” to “Standard Methods, 21st ed.”
611.381(c)(1)(E)	141.131(c)(1) table, note 1	Added the subsection designation; added the footnote material into the text as a separate subsection; changed “X indicates method is approved” to “the methods listed are approved” added “the” before “specified”; changed “free chlorine or total chlorine may be measured” to active-voice “the supplier may measure free chlorine or total chlorine”



611.381(d)(2)(C)	141.131(d)(2)	Changed “EPA method 317.0 Revision 2.0, 326.0” to “USEPA OGWDW Methods, Method 317.0 (rev. 2.0) or Method 326.0 (rev. 1.0)”
611.381(d)(2)(D)	141.131(d)(2)	Listed the method individually; changed “ASTM D 6581-00” to “ASTM Method D6581-00”
611.381(d)(3)	141.131(d)(3)	Moved the methods to separate subsections (d)(3)(A) and (d)(3)(B) and the limitations to subsection (d)(3)(C); added “by any of the methods . . . of this Section, subject to the limitations of . . . this Section”; changed the ending period to a colon
611.381(d)(3)(A)	141.131(d)(3)	Added the subsection designation to list the sources and methods separately; added “using one of the following methods”; changed “SM online” to “Standard Methods, 21st ed.”
611.381(d)(3)(A)(i)	141.131(d)(3)	Added the subsection designation to list the method separately
611.381(d)(3)(A)(ii)	141.131(d)(3)	Added the subsection designation to list the method separately
611.381(d)(3)(A)(iii)	141.131(d)(3)	Added the subsection designation to list the method separately
611.381(d)(3)(B)	141.131(d)(3)	Added the subsection designation to list the method separately; added “using”; changed “EPA Method 415.3 Revision 1.1” to “USEPA NERL Method 415.3 (rev. 1.1)”
611.381(d)(3)(C)	141.131(d)(3)	Added the subsection designation to list the conditions separately
611.381(d)(4)(A)	141.131(d)(4)(i)	Removed the redundant listing “Standard Methods, 19th ed.” (twice); added reference to the 20th and 21st editions of Standard Methods; changed “EPA Method 415.3 Revision 1.1” to “USEPA NERL Method 415.3 (rev. 1.1)”; changed “within 28 days of” to “within 28 days after”
611.382(b)(1)(C)	141.132(b)(1)(iii)	Changed “subpart H systems” to singular “a Subpart B system supplier”; added “no later than” before “April 1, 2008”; changed “mg/L” to “mg/l”

611.382(b)(1)(D)	141.132(b)(1)(iv)	Changed “systems” to singular “a Subpart B system supplier”; added “respectively” offset by a comma after “TTHMs and HAA5”; added “for TTHMs” after “0.060 mg/l”; added “for HAA5” after “0.045 mg/l”; changed “serving” to “which serves”
611.382(b)(3)(B)(ii)	141.132(b)(3)(ii)(B)	Changed “subpart H systems” to singular “a Subpart B system supplier”; changed “system” to “supplier” (four times); changed “the system’s” to “the supplier’s”; changed “≤ 0.0025 mg/L” to “not greater than 0.0025 mg/l” (twice); changed “Method 317.0 Revision 2.0, 326.0 or 321.8” to “USEPA OGWDW Methods, Method 317.0 (rev. 2.0) or Method 326.0 (rev. 1.0) or USEPA Organic and Inorganic Methods, Method 321.8”; changed “a system” to “a supplier”; changed “> 0.0025 mg/L” to “greater than 0.0025 mg/l”
611.524(c)	141.21(d)(3)	Changed “sanitary surveys” to singular “a sanitary survey”; changed “State” to “Agency”; added “for the purposes of Subpart S of this Part”
611.Subpart S heading	141, subpart S heading	Changed “Ground Water” to “Groundwater”
611.800(a)	141.400(a)	Changed “National Primary Drinking Water Regulations” to the defined abbreviation “NPDWRs”
611.800(b)	141.400(b)	Changed “public water systems” to the defined abbreviation “PWS suppliers”; changed “ground water” to “groundwater” (four times); changed “under” to “pursuant to”; changed “subpart H” to “Subpart B”; changed “public water supply” to “PWS”; changed “meeting” to “that meets”; changed “consecutive systems” to singular “a consecutive system”
611.800(c)	141.400(c)	Changed “systems” to singular “a supplier”

611.800(c)(1)	141.400(c)(1)	Changed “ground water systems” to the defined abbreviation “GWS suppliers”; added a comma before “as described” to offset the parenthetical
611.800(c)(2)	141.400(c)(2)	Changed “ground water systems” to the defined abbreviation “GWS suppliers”; changed “ground water” to “groundwater”; changed “a State-approved” to “an Agency-approved”; added a comma before “as described” to offset the parenthetical
611.800(c)(3)	141.400(c)(3)	Changed “ground water systems” to the defined abbreviation “GWS suppliers”; changed “under” to “pursuant to” (twice); changed “that” to “which” for a subsequent restrictive relative clause (twice); changed “State” to “Agency”; changed “State” to “Agency” (twice); added “by a SEP issued pursuant to Section 611.110” offset by commas; changed “EPA” to “USEPA”; changed “ground water system” to “GWS supplier”; changed “a State-approved” to “an Agency-approved”
611.800(c)(4)	141.400(c)(4)	Changed “ground water systems that provide . . . are” to singular “a GWS supplier that provides . . . is”; changed “a State-approved” to “an Agency-approved”
611.800(c)(5)	141.400(c)(5)	Changed “State” to “Agency” (twice); changed “ground water systems” to singular “a GWS supplier”
611.800(c)(5) Board note	141.400(c)(5)	Added the explanation of the addition of the definition of “hydrogeologic sensitivity assessment”
611.800(d)	141.400(d)	Changed “ground water systems” to singular “a GWS supplier”
611.800 Board note	141.400	Added the citation to the federal source of the material
611.801 heading	141.401 heading	Changed “ground water systems” to “GWS Suppliers”
611.801(a)	141.401(a)	Changed “ground water systems” to singular “a GWS supplier”; changed “State” to “Agency” (twice); changed “State’s” to “Agency’s”

611.801(b)	141.401(b)	Changed “State” to “Agency”; changed “source” to plural “sources”
611.801(c)(8)	141.401(c)(8)	Changed “State” to “Agency”
611.801(d)	142.16(o)(2)	Added the subsection based on material from the federal primacy requirements relating to repeat sanitary surveys
611.801(d)(1)	142.16(o)(2)(i)	Changed “State” to “Agency” (twice); changed “sanitary surveys that address” to “a sanitary survey that addresses”; changed “community water systems” to the singular defined abbreviation “a CWS supplier” (twice); changed “non-community water system” to “a non-CWS supplier” (twice); changed “system” to “supplier” (twice); changed “by December 31, 2012” to “before December 31, 2012”; changed “by December 31, 2014” to “before December 31, 2014”; changed “following elements” to “elements set forth in subsection (c) of this Section”; changed the ending colon to a period
611.801(d)(2)	142.16(o)(2)(ii)	Changed “State” to “Agency”
611.801(d)(3)	142.16(o)(2)(iii)	Changed “State” to “Agency”; added “under any of the following circumstances” and subdivided the material; added the ending colon
611.801(d)(3)(A)	142.16(o)(2)(iii)	Added the subsection designation for the separated material; added “if”; changed “a State-approved” to “an Agency-approved”; changed “ground water” to “groundwater”; added the ending semicolon and conjunction “and”
611.801(d)(3)(B)	142.16(o)(2)(iii)	Added the subsection designation for the separated material; added “if”; changed “State” to “Agency”; added the comma before the conjunction “and” and “the supplier” to make an independent clause
611.801(d)(4)	142.16(o)(2)(iv)	Added the explanatory material

611.801(d)(5)	142.16(o)(2)(v)	Removed the introductory clause “As a condition of primacy”; changed “State” to “Agency” (three times); changed “ground water systems” to singular “a GWS supplier”; added “by a SEP issued pursuant to Section 611.110”; changed “describing” to “that describes”; changed “deficiencies” to singular “deficiency”; changed “State identifies the significant deficiency” to “Agency has identified the significant deficiency”
611.801 Board note	141.401	Added the citation to the federal source of the material
611.802 heading	141.402 heading	Changed “ground water” to “groundwater”
611.802(a)(1)	141.402(a)(1)	Changed “ground water system” to “GWS supplier”; changed “the conditions identified in . . . this section exist” to “the following conditions exist”; changed the ending period to a colon
611.802(a)(1)(A)	141.402(a)(1)(i)	Changed “system” to “supplier”; changed “a State-approved” to “an Agency-approved”; changed “ground water” to “groundwater”
611.802(a)(1)(B)	141.402(a)(1)(ii)	Changed “system” to “supplier”; changed “under” to “pursuant to” (twice); changed “a State-approved” to “an Agency-approved”; added “by the Agency” after “invalidated”
611.802(a)(2)	141.402(a)(2)	Changed “Requirements” to lower-case “requirements”; changed “within 24 hours of” to “within 24 hours after”; changed “ground water system” to “GWS supplier”; changed “ground water” to “groundwater” (twice); changed “under” to “pursuant to”
611.802(a)(2)(A)	141.402(a)(2)(i)	Changed “State” to “Agency” (twice); changed “by a SEP issued pursuant to Section 611.110” offset by commas; added “it determines that” before “the supplier”; changed “system” to “supplier”; changed “ground water” to “groundwater”; changed “system” to “supplier”

611.802(a)(2)(B)	141.402(a)(2)(ii)	Changed “State” to “Agency” (three times); changed “systems” to singular “a supplier”; changed “ground water” to “groundwater” (twice); added “by a SEP issued pursuant to Section 611.110”; changed “systems” to singular “the supplier”; changed “under” to “pursuant to” (twice)
611.802(a)(2)(C)	141.402(a)(2)(iii)	Changed “ground water system” to “GWS supplier”; changed “serving” to “that serves”; changed “1,000 people or fewer” to “1,000 or fewer people”; changed “ground water” to “groundwater” (three times); changed “State” to “Agency”; changed “under” to “pursuant to”; added “by a SEP issued pursuant to Section 611.110”
611.802(a)(3)	141.402(a)(3)	Changed “Requirements” to lower-case “requirements”; changed “State” to “Agency”; changed “under” to “pursuant to” (three times); changed “within 24 hours of” to “within 24 hours after”
611.802(a)(4)	141.402(a)(4)	Changed “Wholesale Systems” to lower-case “wholesale systems”
611.802(a)(4)(A)	141.402(a)(4)(i)	Changed “ground water system” to “GWS supplier”; changed “under” to “pursuant to”; changed “system(s)” to “systems”; changed “within 24 hours of” to “within 24 hours after”
611.802(a)(4)(B)	141.402(a)(4)(ii)	Changed “ground water system” to “GWS supplier”; changed “paragraphs (a)(4)(ii)(A) and (a)(4)(ii)(B) of this section” to “the following requirements”
611.802(a)(4)(B)(i)	141.402(a)(4)(ii)(A)	Changed “ground water system” to “GWS supplier”; changed “under” to “pursuant to” (twice); changed “ground water” to “groundwater”; changed “within 24 hours of” to “within 24 hours after”
611.802(a)(4)(B)(ii)	141.402(a)(4)(ii)(B)	Changed “under” to “pursuant to”; changed “ground water system” to “GWS supplier”; changed “within 24 hours of” to “within 24 hours after”; changed “ground water” to “groundwater” (twice)

611.802(a)(5)	141.402(a)(5)	Changed “Triggered Source Water Monitoring Requirements” to lower-case “triggered source water monitoring requirements”
611.802(a)(5)(A)	141.402(a)(5)(i)	Changed “State” to “Agency”; added “by a SEP issued pursuant to Section 611.110” offset by commas; changed “under” to “pursuant to”
611.802(a)(5)(B)	141.402(a)(5)(ii)	Changed “under” to “pursuant to”; changed “State” to “Agency”
611.802(b)	141.402(b)	Changed “Source Water Monitoring Requirements” to lower-case “source water monitoring requirements”; changed “State” to “Agency”; added “by a SEP issued pursuant to Section 611.110”; changed “ground water system” to “GWS supplier” (twice); changed “under” to “pursuant to”; changed “State-determined” to “Agency-determined”; added “the following”
611.802(b)(1)	141.402(b)(1)	Changed “ground water” to “groundwater”; changed the ending comma to a semicolon
611.802(b)(2)	141.402(b)(2)	Added a comma before “unless” to offset the parenthetical; changed “State” to “Agency”; changed “ground water system” to the defined abbreviation “GWS”; changed “that” to “which” for a subsequent restrictive relative clause; changed the ending comma to a semicolon
611.802(b)(3)	141.402(b)(3)	Changed “mL” to “ml”; added a comma before “regardless” to offset the parenthetical; changed the ending comma to a semicolon
611.802(b)(4)	141.402(b)(4)	Changed “ground water” to “groundwater”; changed the ending comma to a semicolon
611.802(b)(5)	141.402(b)(5)	Changed “ground water” to “groundwater” (twice); changed “State” to “Agency”; changed the ending comma to a semicolon

611.802(b)(6)	141.402(b)(6)	Changed “ground water” to “groundwater”; added a comma before “unless” to offset the parenthetical; changed “State” to “Agency”; added “by a SEP issued pursuant to Section 611.110”
611.802(c)(1)	141.402(c)(1)	Changed “ground water system” to “GWS supplier”; changed “mL” to “ml”; added a comma before “regardless” to offset the parenthetical
611.802(c)(2)	141.402(c)(2)	Changed “ground water system” to “GWS supplier”; changed “ground water” to “groundwater”; changed “under” to “pursuant to”; changed “the following table” to “subsections (c)(2)(A) through (c)(2)(C) of this Section”; added “subject to the limitations of subsection (c)(2)(D) of this Section”; changed the tabulated material to standard subsection format
611.802(c)(2)(A)	141.402(c)(2) table	Added the subsection designation; added the ending colon
611.802(c)(2)(A)(i)	141.402(c)(2) table	Added the subsection designation; changed “Colilert” to “Autoanalysis Colilert System”; changed “method citation” and “9223 B” to “Standard Methods, 20th ed., Method 9223”
611.802(c)(2)(A)(ii)	141.402(c)(2) table	Added the subsection designation; changed “Colisure” to “Colisure Test”; changed “method citation” and “9223 B” to “Standard Methods, 20th ed., Method 9223”
611.802(c)(2)(A)(iii)	141.402(c)(2) table	Added the subsection designation; changed “EPA” to “USEPA”
611.802(c)(2)(A)(iv)	141.402(c)(2) table	Added the subsection designation; added the ending period
611.802(c)(2)(A)(v)	141.402(c)(2) table	Added the subsection designation; added the ending period
611.802(c)(2)(A)(vi)	141.402(c)(2) table	Added the subsection designation; changed “method citation” and “9221 F” to “Standard Methods, 20th ed., Method 9221 F”
611.802(c)(2)(A)(vii)	141.402(c)(2) table	Added the subsection designation; changed “method citation” and “9221 G” to “Standard Methods, 20th ed., Method 9221 G”



611.802(c)(2)(A) Board note	141.402(c)(2) table, note 7	Appended the footnote material to the method citation to which it pertains; added “Standard Methods” offset by a comma; changed “Standard Methods 9221 B, 9221 D, 9222 B, or 9222 C” to “Standard Methods, Method 9221 B, 9221 D, 9222 B, or 9222 C”
611.802(c)(2)(B)	141.402(c)(2) table	Added the subsection designation; added the ending colon
611.802(c)(2)(B)(i)	141.402(c)(2) table	Added the subsection designation; changed “method citation” and “9230B” to “Standard Methods, 20th ed., Method 9230 B”
611.802(c)(2)(B)(ii)	141.402(c)(2) table	Added the subsection designation; changed “method citation” and “9230 C” to “Standard Methods, 20th ed., Method 9230 C”; changed “EPA Method 1600” to “USEPA Method 1600”
611.802(c)(2)(B)(ii) Board note	141.402(c)(2) table, note 8	Appended the footnote material to the method citation to which it pertains; added “Standard Methods” offset by a comma; changed “ground water” to “groundwater”; changed “EPA Method 1600” to “USEPA Method 1600”
611.802(c)(2)(B)(iii)	141.402(c)(2) table	Added the subsection designation; added the ending period
611.802(c)(2)(B)(iii) Board note	141.402(c)(2) table, note 9	Appended the footnote material to the method citation to which it pertains; changed the address to “at the address set forth in Section 611.102(b)”; added “must be as” before “set forth”; changed the article citation to “that embodies the method as incorporated by reference in Section 611.102(b)”
611.802(c)(2)(C)	141.402(c)(2) table	Added the subsection designation; added the ending colon
611.802(c)(2)(C)(i)	141.402(c)(2) table	Added the subsection designation; changed “EPA Method 1601” to “USEPA Method 1601”
611.802(c)(2)(C)(ii)	141.402(c)(2) table	Added the subsection designation; changed “EPA Method 1602” to “USEPA Method 1602”
611.802(c)(2)(D)	141.402(c)(2) table, note 1	Appended the footnote material to the listing of methods; changed “ground water system” to “GWS supplier”

611.802(d)	141.402(d)	Changed “ground water” to “groundwater”
611.802(d)(1)	141.402(d)(1)	Changed “ground water system” to “GWS supplier”; changed “State” to “Agency”; changed “under” to “pursuant to”; changed “the conditions specified in paragraphs (d)(1)(i) and (ii) of this section” to “either of the following conditions”; changed the ending period to a colon
611.802(d)(1)(A)	141.402(d)(1)(i)	Changed “system” to “supplier”; changed “State” to “Agency”
611.802(d)(1)(B)	141.402(d)(1)(ii)	Changed “State” to “Agency”; added “by a SEP issued pursuant to Section 611.110”; changed “ground water” to “groundwater”
611.802(d)(2)	141.402(d)(2)	Changed “State” to “Agency” (four times); changed “ground water” to “groundwater”; changed “ground water system” to “GWS supplier”; changed “under” to “pursuant to”; changed “within 24 hours of” to “within 24 hours after”; added a comma before the conjunction “and” and added “the supplier must” before “have it” to create an independent clause; changed “system” to “supplier”
611.802(e)(1)	141.402(e)(1)	Changed “ground water” to “groundwater” (twice); changed “under” to “pursuant to”; changed “State-approved” to “Agency-approved”
611.802(e)(2)	141.402(e)(2)	Changed “system’s” to “supplier’s system”; changed “system” to “the supplier”; changed “a State-approved” to “an Agency-approved”
611.802(f)	141.402(f)	Changed “State” to “Agency”; added “by a SEP issued pursuant to Section 611.110”; changed “ground water system” to “GWS supplier”; changed “ground water” to “groundwater” (twice); removed the unnecessary comma after “2009”; changed “under” to “pursuant to”; changed “State” to “SEP”

611.802(g)	141.402(g)	Changed “ground water system” to “GWS supplier”; changed “ground water” to “groundwater” (twice); changed “under” to “pursuant to” (three times); changed “that” to “which” for a subsequent restrictive relative clause; changed “consecutive systems” to “a consecutive system supplier”
611.802(h)	141.402(h)	Added the indefinite article “a”; changed “(a)-(f)” to “(a) through (f)”; changed “monitoring and requires” to “monitoring that requires”; changed “ground water system” to “GWS supplier”; changed “under” to “pursuant to”
611.802 Board note	141.402	Added the citation to the federal source of the material
611.803 heading	141.403 heading	Changed “ground water systems” to “GWS Suppliers”
611.803(a)	141.403(a)	Changed “ground water systems” to “GWS suppliers”
611.803(a)(1)	141.403(a)(1)	Changed “ground water systems” to “GWS suppliers”; changed “ground water” to “groundwater”; changed “under” to “pursuant to”
611.803(a)(2)	141.403(a)(2)	Changed “State” to “Agency”; added “by a SEP issued pursuant to Section 611.110”; changed “ground water system” to “GWS supplier”; changed “ground water” to “groundwater”; changed “under” to “pursuant to”
611.803(a)(3)	141.403(a)(3)	Changed “subpart H public water supply” to “Subpart B PWS”; changed “ground water” to “groundwater” (three times)
611.803(a)(4)	141.403(a)(4)	Changed “State” to “Agency” (four times); added “by a SEP issued pursuant to Section 611.110” offset by commas; changed “ground water system” to “GWS supplier” (twice); changed “within 30 days of” to “within 30 days after”; changed “ground water” to “groundwater”; changed “under” to “pursuant to” (twice)

611.803(a)(5)	141.403(a)(5)	Changed “within 120 days . . . of” to “within 120 days . . . after”; changed “State” to “Agency” (three times); changed “ground water” to “groundwater”; changed “under” to “pursuant to” (twice); changed “direction” to “written notice”; changed “ground water system” to “GWS supplier”; changed “must either” to “must do either of the following”
611.803(a)(5)(A)	141.403(a)(5)(i)	Added “it must”; changed “applicable State plan” to “any applicable plan”; added “by a SEP issued pursuant to Section 611.110”; changed “State” to “Agency”
611.803(a)(5)(B)	141.403(a)(5)(ii)	Added “it must”; changed “a State-approved” to “an Agency-approved”; added a comma before “subject to” to offset the parenthetical; changed “conditions specified in paragraphs (a)(5)(ii)(A) and (a)(5)(ii)(B) of this section” to “following conditions”; changed the ending period to a colon
611.803(a)(5)(B)(i)	141.403(a)(5)(ii)(A)	Changed “a State-approved” to “an Agency-approved”; changed “State” to “Agency”; changed the ending period to a semicolon; added the ending conjunction “and”
611.803(a)(5)(B)(ii)	141.403(a)(5)(ii)(B)	Changed “State” to “Agency” (three times); changed “system” to “supplier”; changed “these” to “those”; added a comma before “as well as” to offset the parenthetical
611.803(a)(6)	141.403(a)(6)	Changed “ground water systems that meet” to singular “a GWS supplier that meets”
611.803(a)(6)(A)	141.403(a)(6)(i)	Added “it must”
611.803(a)(6)(B)	141.403(a)(6)(ii)	Added “it must”
611.803(a)(6)(C)	141.403(a)(6)(iii)	Added “it must”
611.803(a)(6)(D)	141.403(a)(6)(iv)	Added “it must”; changed “a State-approved” to “an Agency-approved”; changed “ground water” to “groundwater”

611.803(a)(7)(A)	141.403(a)(7)(i)	Changed “ground water system” to “GWS supplier”; changed “State” to “Agency” (three times); changed “ground water” to “groundwater” (twice); changed “under” to “pursuant to” (three times); changed “system” to “supplier”
611.803(a)(7)(B)	141.403(a)(7)(ii)	Changed “ground water system” to “GWS supplier”; changed “State” to “Agency” (three times); changed “ground water” to “groundwater” (twice); changed “within 12 months of” to “within 12 months after”; changed “system” to “supplier”; added “the following information”
611.803(a)(7)(B)(i)	141.403(a)(7)(ii)(A)	Changed “State” to “Agency”
611.803(a)(7)(B)(ii)	141.403(a)(7)(ii)(B)	Changed “State” to “Agency”
611.803(a)(7)(B)(iii)	141.403(a)(7)(ii)(C)	Changed “systems” to singular “a supplier”; changed “State” to “Agency”; changed “language(s)” to “languages”
611.803(a)(7)(C)	141.403(a)(7)(iii)	Changed “State” to “Agency”; changed “non-community water system” to “non-CWS supplier”; changed “under” to “pursuant to”
611.803(b)	141.403(b)	Added the ending period
611.803(b)(1)	141.403(b)(1)	Changed “ground water” to “groundwater” (five times); changed “a State-approved” to “an Agency-approved” (three times); changed “by December 1, 2009” to “before December 1, 2009”; removed the unnecessary comma after “2009”; changed “State” to “Agency” (three times); changed “system” to “supplier”; changed “under” to “pursuant to”; added a comma before “as required” to offset the parenthetical
611.803(b)(2)	141.403(b)(2)	Changed “ground water” to “groundwater” (three times); changed “ground water system” to “GWS supplier”; changed “that” to “which” for a non-restrictive relative clause; changed “system” to “supplier”; changed “a State-approved” to “an Agency-approved”; changed “by December 1, 2009” to “before “December 1, 2009”

611.803(b)(2)(A)	141.403(b)(2)(i)	Changed “system” to “supplier”; changed “State” to “Agency” (three times); changed “a State-approved” to “an Agency-approved”; changed “ground water” to “groundwater”; added “by a SEP issued pursuant to Section 611.110”
611.803(b)(2)(B)	141.403(b)(2)(ii)	Changed “system” to “supplier”; added a comma before “as required” to offset the parenthetical; changed “under” to “pursuant to”
611.803(b)(2)(C)	141.403(b)(2)(iii)	Changed “system” to “supplier”; changed “ground water” to “groundwater” (twice); changed “under” to “pursuant to”; changed “the system” to “it”; changed “a State-approved” to “an Agency-approved”
611.803(b)(3)	141.403(b)(3)	Changed “ground water system” to “GWS supplier”; changed “ground water” to “groundwater”
611.803(b)(3)(A)	141.403(b)(3)(i)	Added the ending period
611.803(b)(3)(A)(i)	141.403(b)(3)(i)(A)	Changed “ground water systems” to “GWS suppliers”; changed “greater than 3,300 people” to “more than 3,300 people”; changed “ground water system” to “GWS supplier”; changed “State” to “Agency”; changed “ground water” to “groundwater” (twice); changed “ground water system” to “GWS supplier” (twice); changed “State-determined” to “Agency-approved”; changed “system” to “supplier”; changed “ground water system” to “it”
611.803(b)(3)(A)(ii)	141.403(b)(3)(i)(B)	Changed “ground water systems” to “GWS suppliers”; changed “ground water system” to “GWS supplier” (five times); changed “State” to “Agency” (twice); changed “ground water” to “groundwater” (twice); added “determine and” before “maintain”; changed “State-determined” to “Agency-approved” (three times); changed “system” to “supplier”; changed “the ground water system” to “that it”
611.803(b)(3)(B)	141.403(b)(3)(ii)	Changed “ground water system” to “GWS supplier” (twice); changed “State-specified” to “Agency-specified” (twice); added “it fulfills the following conditions”

611.803(b)(3)(B)(i)	141.403(b)(3)(ii)(A)	Removed the parenthetical abbreviation “(MWCO)”; changed “alternate” to “alternative”
611.803(b)(3)(B)(ii)	141.403(b)(3)(ii)(B)	Changed “State-specified” to “Agency-specified”
611.803(b)(3)(C)	141.403(b)(3)(iii)	Changed “ground water system” to “GWS supplier”; changed “a State-approved” to “an Agency-approved” (twice); added “do both of the following”
611.803(b)(3)(C)(i)	141.403(b)(3)(iii)(A)	Added “it must”; changed “State-specified” to “Agency-specified”
611.803(b)(3)(C)(ii)	141.403(b)(3)(iii)(B)	Added “it must”; changed “compliance requirements” to “operational requirements”; changed “that the State determines” to “determined by the supplier and that the Agency has approved as”
611.803(c)	141.403(c)	Changed “ground water system” to “GWS supplier”; changed “a State-approved” to “an Agency-approved”; changed “the State determines and documents” to “the supplier determines and documents and the Agency approves in writing”; changed “ground water” to “groundwater” (twice)
611.803(d)	141.403(d)	Added the indefinite article “a”; changed “ground water system” to “GWS supplier”; changed “under” to “pursuant to”
611.803 Board note	141.403	Added the citation to the federal source of the material
611.804 heading	141.404 heading	Changed “ground water systems” to “GWS Suppliers”
611.804(a)	141.404(a)	Changed “ground water system” to “GWS supplier”; changed “State” to “Agency”; added “by a SEP issued pursuant to Section 611.110”; added “does not do either of the following”
611.804(a)(1)	141.404(a)(1)	Added “it”; changed “State” to “Agency” (three times)
611.804(a)(2)	141.404(a)(2)	Added “it”; changed “a State-approved” to “an Agency-approved”

611.804(b)	141.404(b)	Changed “State” to “Agency” (twice); changed “under” to “pursuant to”; changed “ground water system” to “GWS supplier”; changed “within 120 days . . . of” to “within 120 days . . . after”; changed “system” to “supplier”; added “does not do either of the following”
611.804(b)(1)	141.404(b)(1)	Added “it”; changed “State” to “Agency” (twice); changed “State-specified” to “Agency-specified”
611.804(b)(2)	141.404(b)(2)	Added “it”; changed “a State-specified” to “an Agency-specified”; changed “within four hour of” to “within four hours after”
611.804(c)	141.404(c)	Changed “ground water system” to “GWS supplier”; changed “a State-approved” to “an Agency-approved”; changed “ground water” to “groundwater”; changed “system” to “supplier”
611.804(d)	141.404(d)	Changed “ground water system” to “a GWS supplier”; changed “under” to “pursuant to”
611.804 Board note	141.404	Added the citation to the federal source of the material
611.805 heading	141.405 heading	Changed “ground water systems” to “GWS Suppliers”
611.805(a)	141.405(a)	Changed “ground water system” to “GWS supplier”; changed “under” to “pursuant to”; changed “State” to “Agency”
611.805(a)(1)	141.405(a)(1)	Changed “ground water system” to “GWS supplier”; changed “under” to “pursuant to”; changed “system” to “supplier”; changed “State” to “Agency” (twice); changed “State-specified” to “Agency-specified”
611.805(a)(2)	141.405(a)(2)	Changed “under” to “pursuant to”; changed “ground water system” to “GWS supplier”; changed “State” to “Agency”; changed “within 30 days of” to “within 30 days after”
611.805(a)(3)	141.405(a)(3)	Changed “ground water system” to “GWS supplier”; changed “under” to “pursuant to”; changed “system” to “supplier”; changed “State” to “Agency” (twice); changed “coliform positive” to hyphenated “coliform-positive”



611.805(b)	141.405(b)	Changed “ground water system” to “GWS supplier”; changed “under” to “pursuant to”
611.805(b)(1)	141.405(b)(1)	Changed “under” to “pursuant to”; changed “shall” to “must”
611.805(b)(2)	141.405(b)(2)	Changed “under” to “pursuant to”; changed “shall” to “must”
611.805(b)(3)	141.405(b)(3)	Changed “under” to “pursuant to” (twice); changed “ground water” to “groundwater”; changed “shall” to “must”
611.805(b)(4)	141.405(b)(4)	Changed “consecutive systems” to singular “a consecutive system supplier”; changed “system(s)” to “systems”; changed “under” to “pursuant to”; changed “shall” to “must”
611.805(b)(5)	141.405(b)(5)	Changed “systems . . . are” to singular “a supplier . . . is”; changed “wholesale systems” to singular “a wholesale system supplier”; changed “under” to “pursuant to”; added “the following information” offset by a comma
611.805(b)(5)(A)	141.405(b)(5)(i)	Changed “State-specified” to “supplier-specified, Agency-approved”; changed “shall” to “must”; changed the ending period to a semicolon
611.805(b)(5)(B)	141.405(b)(5)(ii)	Changed “State-prescribed” to “Agency-prescribed”; changed “shall” to “must”; changed the ending period to a semicolon; added the ending conjunction “and”
611.805(b)(5)(C)	141.405(b)(5)(iii)	Changed “State-specified” to “supplier-specified, Agency-approved”; changed “specified by the State” to “specified by the supplier”; changed “State-approved” to “Agency-approved”; changed “shall” to “must”
611.805 Board note	141.405	Added the citation to the federal source of the material
811.860(f)	141.33(f)	Changed “shall” to “must”; changed “the same period of time as the records” to “the same period of not less than five years that applies to the records”
611.881(d)	141.151(d)	Changed “contaminants” to “disinfection byproducts”

611.883(d)(4)(D)(ii)	141.153(d)(4)(iv)(B)	Changed “systems” to singular “the supplier”; added “results from” before “more than one”; changed “system” to “supplier”; changed “averages . . . locations that exceed” to singular “average . . . location whose results exceed”
611.883(d)(4)(D) Board note	141.153(d)(4)(iv)(C)	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.883(h)(6)	141.153(h)(6)	Changed “systems” to “suppliers”
611.883(h)(6)(A)	141.153(h)(6)(i)	Changed “ground water system” to “GWS supplier”; added “written” before “notice”; changed “State” to “Agency” (twice); added “which receives” before “notice”; changed “under” to “pursuant to” (twice); changed “ground water” to “groundwater”; changed “system” to “supplier”; changed “elements” to “information”
611.883(h)(6)(A)(i)	141.153(h)(6)(i)(A)	Changed “State” to “Agency”; changed “ground water” to “groundwater”
611.883(h)(6)(A)(ii)	141.153(h)(6)(i)(B)	Changed “if” to “whether or not”; changed “under” to “pursuant to”
611.883(h)(6)(A)(iii)	141.153(h)(6)(i)(C)	Changed “ground water” to “groundwater”; changed “under” to “pursuant to”; changed “State” to “Agency”
611.883(h)(6)(A)(iv)	141.153(h)(6)(i)(D)	Changed “ground water” to “groundwater”; changed “under” to “pursuant to”; changed “State” to “Agency”
611.883(h)(6)(B)	141.153(h)(6)(ii)	Changed “State” to “Agency by a SEP . . . 611.110”; changed “system” to “supplier”; changed “under” to “pursuant to”
611.902(a)(8)	141.202(a)(8)	Added a comma before “as specified” to offset the parenthetical
611.903(a)(4)	141.203(a)(4)	Changed “a State-approved” to “an Agency-approved”; changed “under” to “pursuant to”

611.911 heading	141.211 heading	Shortened “Special notice for repeated failure to conduct monitoring of the source water for Cryptosporidium and for failure to determine bin classification or mean Cryptosporidium level” to “Special Notice for Cryptosporidium”
611.911(a)	141.211(a)	Changed the question “When is the special notice . . . to be given?” to a statement “When the special notice . . . must be given.”; changed “community water system” to “CWS”; changed “under” to “pursuant to”; changed “non-community water system” to “non-CWS”; added “its” before “water system”; changed numeric “3” to written “thirty”; added a comma before “as specified” to offset the parenthetical
611.911(b)	141.211(b)	Changed the question “When is the special notice . . . to be given?” to a statement “When the special notice . . . must be given.”; changed “community water system” to “CWS”; changed “non-community water system” to “non-CWS”; changed “under” to “pursuant to”; added “one that is required” before “to determine”; added “its” before “water system”; changed numeric “notice must be repeated” to active-voice “supplier must repeat the notice”; changed “a State-approved” to “an Agency-approved”
611.911(c)	141.211(c)	Changed the question “What is the form and manner of the special notice?” to a topical statement “The form and manner of the special notice.”
611.911(d)	141.211(d)	Changed the question “What mandatory language must . . . the special notice?” to a topical statement “Mandatory language that must . . . the special notice.”; added “all of” before “the following”; changed the ending period to a semicolon
611.911(d)(1)	141.211(d)(1)	Added “mandatory” before “language”

611.911(d)(1) certification statement	141.211(d)(1) certification statement	Added brackets before and after “treatment plant name”; changed “determination by” to “determination before”; added brackets before and after “required bin determination date”; added “insert the applicable . . . at this point:” before ““did not . . . test’ or ‘did not complete . . . testing”” and placed the entire statement in brackets; changed “determine by” to “determine before”; changed “by the deadline” to “before the deadline”; added brackets before and after “date”; added brackets before and after “name of water system contact”; added brackets before and after “name of water system”; added brackets before and after “phone number”
611.911(d)(2)	141.211(d)(2)	Added “mandatory” before “language”
611.911(d)(2) certification statement	141.211(d)(2) certification statement	Changed “determine by” to “determine before”; added brackets before and after “date”; added brackets before and after “treatment plant name”; changed “determination by” to “determination before”; changed “by the deadline” to “before the deadline”; added brackets before and after “date”; added brackets before and after “name of water system contact”; added brackets before and after “name of water system”; added brackets before and after “phone number”
611.911(d)(3)	141.211(d)(3)	Changed “system” to “supplier” (twice)
611.911 Board note	141.211	Added the citation to the federal source of the material
611.Subpart W heading	141, subpart V heading	Changed “U” to “W”; capitalized the heading
611.920(a)	141.600(a)	Added “USEPA has determined that”; changed “subpart U” to “this Subpart W”; capitalized “National Primary Drinking Water Regulations”; changed “this subpart U” to “this Subpart W”; changed “subpart V” to “this Subpart Y”; changed “total trihalomethanes (TTHM)” to the defined abbreviation “TTHMs”; changed “haloacetic acids (five) (HAA5)” to the defined abbreviation “HAA5”; chanded

		“you” to “the supplier”; changed to lower-case “initial distribution system evaluation”; added “the” before “locations”; changed “locations representative high” to “locations in its distribution system that are representative of high”; changed “your” to “the supplier’s”; changed “IDSEs are” to singular “an IDSE is”; changed “subpart L” to “Subpart I”; changed “subpart V” to “Subpart Y”
611.920(b)	141.600(b)	Changed “you are subject to these requirement” to “a supplier is subject to the requirements of this Subpart W”; subdivided the provision for enhanced clarity; added “it fulfills any of the following conditions” and the ending colon
611.920(b)(1)	141.600(b)(1)	Changed “your system is” to “the supplier owns or operates”; added the ending semicolon
611.920(b)(2)	141.600(b)(2)	Changed “or” to “the supplier”
611.920(b)(3)	141.600(b)(3)	Changed “if your system is” to “the supplier owns or operates”; changed “nontransient” to hyphenated “non-transient”; changed “noncommunity” to hyphenated “non-community”; changed “and uses” to “and it either uses” preceded by a comma for an independent clause; changed “or delivers” to “or it delivers” preceded by a comma for an independent clause
611.920(c)	141.600(c) & (c)(1)	Changed “you” to “a supplier”; moved the introductory statement of subsection (c)(1) into subsection (c); changed “this subpart U” to “this Subpart W”; added “provided” after “schedule”; added “based on its system type, as set forth”; changed “the table in this paragraph (c)(1)” to “the applicable of . . . this Section”; added “subject to . . . this Section” offset by a comma; changed the ending period to a colon

611.920(c)(1)	141.600(c)(1)	Added the heading; converted the tabulated material into standard subsection format
611.920(c)(1)(A)	141.600(c)(1) table	Added the subsection designation; changed “if you serve this population” to “a supplier that serves a population of”; changed “ $\geq 100,000$ ” to “100,000 or more persons”; changed “must submit” to “must have submitted”; changed “or” to “its” preceded by a comma for a series; changed “by October 1, 2006” to “before October 1, 2006”; changed “system specific” to “system-specific”; changed “or” to “or its” preceded by a comma for a series; changed “obtain or receive” to “have obtained or have been subject to a”; changed “you must complete” to “the supplier must further complete”; changed “by September 30, 2006” to “before September 30, 2006”; changed “you must submit” to “and submit”; changed “by January 1, 2009” to “before January 1, 2009”
611.920(c)(1)(B)	141.600(c)(1) table	Added the subsection designation; changed “if you serve this population” to “a supplier that serves a population of”; changed “50,000-99,999” to “50,000 to 99,999 persons”; changed “must submit” to “must have submitted”; changed “or” to “its” preceded by a comma for a series; changed “system specific” to “system-specific”; changed “or” to “or its” preceded by a comma for a series; changed “obtain or receive” to “have obtained or have been subject to a”; changed “by April 1, 2007” to “before April 1, 2007”; changed “you must complete” to “the supplier must further complete”; changed “by March 31, 2009” to “before March 31, 2009”; changed “you must submit” to “and submit”; changed “by July 1, 2009” to “before July 1, 2009”

611.920(c)(1)(C)	141.600(c)(1) table	<p>Added the subsection designation; changed “if you serve this population” to “a supplier that serves a population of”; changed “10,000-49,999” to “10,000 to 49,999 persons”; changed “must submit” to “must have submitted”; changed “or” to “its” preceded by a comma for a series; changed “system specific” to “system-specific”; changed “or” to “or its” preceded by a comma for a series; changed “obtain or receive” to “must obtain or be subject to a”; changed “by October 1, 2007” to “before October 1, 2007”; changed “you must complete” to “the supplier must further complete”; changed “by September 30, 2009” to “before September 30, 2009”; changed “you must submit” to “and submit”; changed “by January 1, 2010” to “before January 1, 2010”</p>
611.920(c)(1)(D)	141.600(c)(1) table	<p>Added the subsection designation; changed “if you serve this population” to “a supplier that serves a population of”; changed “&lt;10,000 (CWS Only)” to “fewer than 10,000 persons (and which is a CWS)”; changed “must submit” to “must have submitted”; changed “or” to “its” preceded by a comma for a series; changed “system specific” to “system-specific”; changed “or” to “or its” preceded by a comma for a series; changed “obtain or receive” to “have obtained or be subject to a”; changed “by September 30, 2006” to “before April 1, 2008”; changed “you must complete” to “the supplier must further complete”; changed “by March 31, 2010” to “before March 31, 2010”; changed “you must submit” to “and submit”; changed “by July 1, 2010” to “before July 1, 2010”</p>

611.920(c)(1)(E)	141.600(c)(1) table, note 1	Added the subsection designation; moved the footnote text into a subsection; changed “the date identified in this column” to “the date when submission . . . is due, as identified in the applicable of subsections (a)(1) through (a)(4) of this Section”; changed “State” to “Agency”; changed “your” to “a supplier’s”; changed “you” to “the supplier” (three times); changed “you” to “it” (twice); added a comma before “and it must” to offset the independent clause; changed “date identified in the third column” to “when completion of the standard monitoring or system-specific study is due, as identified in the applicable of subsections (a)(1) through (a)(4) of this Section”
611.920(c)(1)(F)	141.600(c)(1) table, note 2	Added the subsection designation; moved the footnote text into a subsection; changed “you” to “the supplier”; changed “your” to “its”; changed “under” to “pursuant to”; changed “by the date” to “before the date”; added “in the applicable of subsections (a)(1) through (a)(4) of this Section” after “the date indicated”
611.920(c)(1)(G)	141.600(c)(1) table, note 3	Added the subsection designation; moved the footnote text into a subsection; changed “date identified in this column” to “due date for submission of the IDSE report identified in this subsection (c)(1)”; changed “you” to “the supplier” (four times); changed “State” to “Agency”; changed “your” to “the supplier’s”; changed “you” to “it”; changed “as approved” to “to the Agency”; added a comma before “and the supplier” for an independent clause; changed “subpart V” to “Subpart Y”



611.920(c)(2)	141.600(c)(2)	Changed “the schedule” to “determining the applicable compliance schedule”; changed “State” to “Agency” (twice); added “by a SEP issued pursuant to Section 611.110” offset by commas (twice); changed “the combined distribution system” to “a combined distribution system” (twice); changed “factors such as” to “such factors as” (twice); changed “receiving” to “the receipt of” (twice); changed “delivering” to “the delivery of”
611.920(d)	141.600(d)	Changed “you” to “a supplier”; added “do one of the following: it must conduct” before “conduct”; added “it must conduct” before “a system-specific study”; changed “system specific” to hyphenated “system-specific”; added “it must” before “certify”; changed “State” to “Agency”; changed “you meet” to “it meets”; added “it must” before “qualify”
611.920(d)(1)	141.600(d)(1)	Changed “you” to “the supplier” (three times); changed “with your population” to “that serves the appropriate population”; added “which uses the appropriate” before “source water”; changed “subpart L” to “Subpart I”; changed “subpart L” to “Subpart I of this Part”; changed “you meet” to “the supplier meets”
611.920(d)(2)	141.600(d)(2)	Changed “you have” to “the supplier has”; changed “subpart L” to “Subpart I of this Part”; changed “you” to “the supplier”; changed “system specific” to hyphenated “system-specific”
611.920(e)	141.600(d)(2)	Changed “you” to “the supplier”; changed “EPA” to “the Agency”; changed “this subpart” to “this Subpart W”
611.920 Board note	141.600	Added the citation to the federal source of the material
611.921(a)	611.601(a)	Changed “your” to “a supplier’s”; changed “you” to “the supplier”; changed “your” to “its”; changed “State” to “Agency”; changed “schedule in” to “appropriate of the schedules provided in”

611.921(a)(1)	611.601(a)(1)	Changed “your” to “the supplier’s”; changed “your” to “its”; changed “subpart L” to “Subpart I”
611.921(a)(2)	611.601(a)(2)	Changed “your” to “the supplier’s”; changed “you” to “the supplier”
611.921(a)(3)	611.601(a)(3)	Changed “your” to “the supplier’s”; changed “your” to “its”; changed “subpart H or ground water” to “i.e., that it is a Subpart B or groundwater system”
611.921(a)(4)	611.601(a)(4)	Changed “you” to “the supplier”; changed “your” to “its” (twice); changed “State” to “Agency”; added the definite article “the” before “plan”; changed “you are” to “the supplier is”; changed “schedule in” to “appropriate of the schedules provided in”
611.921(b)(1)	611.601(b)(1)	Changed “you” to “the supplier” (three times); changed “table in this paragraph (b)(1)” to “applicable of subsections (b)(1)(A) through (b)(1)(P) of this Section, subject to the limitations of Subsections (b)(1)(Q) and (b)(1)(R) of this Section”; converted the tabulated material into standard subsection format, including the footnotes
611.921(b)(1)(A)	141.601(b)(1) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type Subpart H” to “a subpart B system supplier”; changed “population size category <500 consecutive systems” to “that serves fewer than 500 persons and which operates a consecutive system”; changed “monitoring periods and frequency of sampling one (during each peak historical month)” to “must collect samples once each calendar year during the peak historical month”; added the colon after “month”; changed “total per monitoring period 2 . . . near entry points 1 . . . high TTHM locations 1” to “one near an entry point to the distribution system and one at a high TTHM location, for a total of two samples during each monitoring period”

611.921(b)(1)(B)	141.601(b)(1) table	<p>Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type Subpart H” to “a subpart B system supplier”; changed “population size category &lt;500 non-consecutive systems” to “that serves fewer than 500 persons and which does not operate a consecutive system”; changed “monitoring periods and frequency of sampling” to “must collect samples” added “once each calendar year during the peak historical month”; added the colon after “month”; changed “total per monitoring period 2 . . . high TTHM locations 1 . . . high HAA5 locations 1” to “one at a high TTHM location and one at a high HAA5 location, for a total of two samples during each monitoring period”</p>
611.921(b)(1)(C)	141.601(b)(1) table	<p>Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type Subpart H” to “a subpart B system supplier”; changed “population size category 500-3,300 consecutive systems” to “that serves 500 to 3,300 persons and which operates a consecutive system”; changed “monitoring periods and frequency of sampling four (every 90 days)” to “must collect samples four times each calendar year (once every 90 days)”; added the colon after “days”; changed “total per monitoring period 2 . . . near entry points 1 . . . high TTHM locations 1” to “one near an entry point to the distribution system and one at a high TTHM location, for a total of two samples during each monitoring period”</p>

611.921(b)(1)(D)	141.601(b)(1) table	<p>Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type Subpart H” to “a subpart B system supplier”; changed “population size category 500-3,300 non-consecutive systems” to “that serves 500 to 3,300 persons and which does not operate a consecutive system”; changed “monitoring periods and frequency of sampling” to “must collect samples”; added “four times each calendar year (once every 90 days)”; added the colon after “days”; changed “total per monitoring period 2 . . . high TTHM locations 1 . . . high HAA5 locations 1” to “one at a high TTHM location and one at a high HAA5 location, for a total of two samples during each monitoring period”</p>
611.921(b)(1)(E)	141.601(b)(1) table	<p>Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type Subpart H” to “a subpart B system supplier”; changed “population size category 3,301-9,999” to “that serves 3,301 to 9,999 persons”; changed “monitoring periods and frequency of sampling” to “must collect samples”; added “four times each calendar year (once every 90 days)”; added the colon after “days”; changed “total per monitoring period 4 . . . average residence time 1 . . . high TTHM locations 2 . . . high HAA5 locations 1” to “one at a location in the distribution system that represents the average residence time, two at high TTHM locations, and one at a high HAA5 location, for a total of four samples during each monitoring period”</p>

611.921(b)(1)(F)	141.601(b)(1) table	<p>Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type Subpart H” to “a subpart B system supplier”; changed “population size category 10,000-49,999” to “that serves 10,000 to 49,999 persons”; changed “monitoring periods and frequency of sampling six (every 60 days)” to “must collect samples six times each calendar year (once every 60 days)”; added the colon after “days”; changed “total per monitoring period 8 . . . near entry points 1 . . . average residence time 2 . . . high TTHM locations 3 . . . high HAA5 locations 2” to “one near an entry point to the distribution system, two at a location in the distribution system that represents the average residence time, three at high TTHM locations, and two at high HAA5 locations, for a total of eight samples during each monitoring period”</p>
611.921(b)(1)(G)	141.601(b)(1) table	<p>Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type Subpart H” to “a subpart B system supplier”; changed “population size category 50,000-249,999” to “that serves 50,000 to 249,999 persons”; changed “monitoring periods and frequency of sampling” to “must collect samples”; added “six times each calendar year (once every 60 days)”; added the colon after “days”; changed “total per monitoring period 16 . . . near entry points 3 . . . average residence time 4 . . . high TTHM locations 5 . . . high HAA5 locations 4” to “three near an entry point to the distribution system, four at locations in the distribution system that represent the average residence time, five at high TTHM locations, and four at high HAA5 locations, for a total of 16 samples during each monitoring period”</p>

611.921(b)(1)(H)	141.601(b)(1) table	<p>Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type Subpart H” to “a subpart B system supplier”; changed “population size category 250,000-999,999” to “that serves 250,000 to 999,999 persons”; changed “monitoring periods and frequency of sampling” to “must collect samples”; added “six times each calendar year (once every 60 days)”; added the colon after “days”; changed “total per monitoring period 24 . . . near entry points 4 . . . average residence time 6 . . . high TTHM locations 8 . . . high HAA5 locations 6” to “four near an entry point to the distribution system, six at locations in the distribution system that represent the average residence time, eight at high TTHM locations, and six at high HAA5 locations, for a total of 24 samples during each monitoring period”</p>
611.921(b)(1)(I)	141.601(b)(1) table	<p>Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type Subpart H” to “a subpart B system supplier”; changed “population size category 1,000,000-4,999,999” to “that serves 1,000,000 to 4,999,999 persons”; changed “monitoring periods and frequency of sampling” to “must collect samples”; added “six times each calendar year (once every 60 days)”; added the colon after “days”; changed “total per monitoring period 32 . . . near entry points 6 . . . average residence time 8 . . . high TTHM locations 10 . . . high HAA5 locations 8” to “six near an entry point to the distribution system, eight at locations in the distribution system that represent the average residence time, ten at high TTHM locations, and eight at high HAA5 locations, for a total of 32 samples during each monitoring period”</p>

611.921(b)(1)(J)	141.601(b)(1) table	<p>Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type Subpart H” to “a subpart B system supplier”; changed “population size category <math>\geq 5,000,000</math>” to “that serves 5,000,000 or more persons”; changed “monitoring periods and frequency of sampling” to “must collect samples”; added “six times each calendar year (once every 60 days)”; added the colon after “days”; changed “total per monitoring period 40 . . . near entry points 8 . . . average residence time 10 . . . high TTHM locations 12 . . . high HAA5 locations 10” to “eight near an entry point to the distribution system, 10 at locations in the distribution system that represent the average residence time, 12 at high TTHM locations, and 10 at high HAA5 locations, for a total of 40 samples during each monitoring period”</p>
611.921(b)(1)(K)	141.601(b)(1) table	<p>Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type ground water” to “a groundwater system supplier”; changed “population size category <math>&lt; 500</math> consecutive systems” to “that serves fewer than 500 persons and which operates a consecutive system”; changed “monitoring periods and frequency of sampling one (during each peak historical month)” to “must collect samples once each calendar year during the peak historical month”; added the colon after “month”; changed “total per monitoring period 2 . . . near entry points 1 . . . high TTHM locations 1” to “one near an entry point to the distribution system and one at a high TTHM location, for a total of two samples during each monitoring period”</p>

611.921(b)(1)(L)	141.601(b)(1) table	<p>Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type ground water” to “a groundwater system supplier”; changed “population size category &lt;500 non-consecutive systems” to “that serves fewer than 500 persons and which does not operate a consecutive system”; changed “monitoring periods and frequency of sampling” to “must collect samples” added “once each calendar year during the peak historical month”; added the colon after “month”; changed “total per monitoring period 2 . . . high TTHM locations 1 . . . high HAA5 locations 1” to “one at a high TTHM location and one at a high HAA5 location, for a total of two samples during each monitoring period”</p>
611.921(b)(1)(M)	141.601(b)(1) table	<p>Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type ground water” to “a groundwater system supplier”; changed “population size category 500-9,999” to “that serves 500 to 9,999 persons”; changed “monitoring periods and frequency of sampling four (every 90 days)” to “must collect samples four times each calendar year (once every 90 days)”; added the colon after “days”; changed “total per monitoring period 2 . . . near entry points 1 . . . high TTHM locations 1” to “one near an entry point to the distribution system and one at a high TTHM location, for a total of two samples during each monitoring period”</p>



611.921(b)(1)(N)	141.601(b)(1) table	<p>Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type Subpart H” to “a subpart B system supplier”; changed “population size category 10,000-99,999” to “that serves 10,000 to 99,999 persons”; changed “monitoring periods and frequency of sampling” to “must collect samples”; added “four times each calendar year (once every 90 days)”; added the colon after “days”; changed “total per monitoring period 6 . . . near entry points 1 . . . average residence time 1 . . . high TTHM locations 2 . . . high HAA5 locations 2” to “one near an entry point to the distribution system, one at a location in the distribution system that represents the average residence time, two at high TTHM locations, and two at high HAA5 locations, for a total of six samples during each monitoring period”</p>
611.921(b)(1)(O)	141.601(b)(1) table	<p>Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type Subpart H” to “a subpart B system supplier”; changed “population size category 100,000-499,999” to “that serves 100,000 to 499,999 persons”; changed “monitoring periods and frequency of sampling” to “must collect samples”; added “four times each calendar year (once every 90 days)”; added the colon after “days”; changed “total per monitoring period 8 . . . near entry points 1 . . . average residence time 1 . . . high TTHM locations 3 . . . high HAA5 locations 3” to “one near an entry point to the distribution system, one at a location in the distribution system that represents the average residence time, three at high TTHM locations, and three at high HAA5 locations, for a total of eight samples during each monitoring period”</p>

611.921(b)(1)(P)	141.601(b)(1) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type Subpart H” to “a subpart B system supplier”; changed “population size category $\geq 500,000$ ” to “that serves 500,000 or more persons”; changed “monitoring periods and frequency of sampling” to “must collect samples”; added “four times each calendar year (once every 90 days)”; added the colon after “days”; changed “total per monitoring period 12 . . . near entry points 2 . . . average residence time 2 . . . high TTHM locations 4 . . . high HAA5 locations 4” to “two near entry points to the distribution system, two at locations in the distribution system that represent the average residence time, four at high TTHM locations, and four at high HAA5 locations, for a total of 12 samples during each monitoring period”
611.921(b)(1)(Q)	141.601(b)(1) table, note 1	Added the subsection designation to convert the footnote into standard subsection format
611.921(b)(1)(R)	141.601(b)(1) table, note 2	Added the subsection designation to convert the footnote into standard subsection format; added quotation marks to the defined term “peak historical month”; added “for the purposes of . . . this Section” offset by commas; changed “is” to “means”
611.921(b)(2)	141.601(b)(2)	Changed “you” to “the supplier”; changed “subpart L” to “Subpart I”
611.921(b)(3)	141.601(b)(3)	Changed “replaced equally” to “equally replaced”; changed “you” to “the supplier” (twice); added the definite article “the” before “entry points”; changed “having” to “that have”
611.921(b)(4)	141.601(b)(4)	Changed “your” to “a supplier’s”; changed “State” to “Agency”
611.921(c)	141.601(c)	Changed “your” to “the supplier’s”; changed “you” to “the supplier”; changed “your” to “its”; changed “schedule in” to “applicable of the schedules set forth in”

611.921(c)(1)	141.601(c)(1)	Changed “your” to “the supplier’s” (four times); changed “subpart L” to “Subpart I”; changed “State” to “Agency”; changed “under” to “pursuant to”; changed “subpart H or ground water” to “Subpart B system or groundwater system”
611.921(c)(2)	141.601(c)(2)	Changed “your” to “the supplier’s” (twice)
611.921(c)(3)	141.601(c)(3)	Changed “you” to “the supplier”; changed “subpart V” to “Subpart Y”
611.921(c)(4)	141.601(c)(4)	Changed “you” to “the supplier” (five times); changed “your” to “its” (twice); changed “date that “ to “date on which”; changed “your” to “the supplier’s”; changed “State” to “Agency” (three times); changed “subpart V” to “Subpart Y”; changed “under” to “pursuant to”; changed “State’s” to “Agency’s” (twice)
611.921 Board note	141.601	Added the citation to the federal source of the material
611.922 heading	141.602 heading	Changed “System Specific” to hyphenated “System-Specific”
611.922(a)	141.602(a)	Changed “system specific” to hyphenated “system-specific” (three times); changed “your” to “a supplier’s” (twice); added commas before and after “as required . . . this Section” to offset the parenthetical; added a comma before “as required . . . this Section” to offset the parenthetical; changed “you” to “the supplier”; changed “State” to “Agency”
611.922(a)(1)	141.602(a)(1)	Changed “you” to “a supplier”; changed “you are” to “it is”; changed “under” to “pursuant to”
611.922(a)(1)(A)(ii)	141.602(a)(1)(i)(B)	Changed “this paragraph (a)(1)(i)(B)” to “the applicable of subsections (a)(1)(A)(iii) through (a)(1)(A)(xv) of this Section”; changed “subpart L” to “Subpart I”; added a comma before “plus”; converted the tabulated material into standard subsection format, including the footnotes

611.922(a)(1)(A)(iii)	141.602(a)(1)(i)(B) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “system type Subpart H” to “a subpart B system supplier”; changed “population size category <500” to “that serves fewer than 500 persons”; changed “number of monitoring locations 3” to “must collect samples from three monitoring locations”; added the colon after “locations”; changed “number of samples TTHM 3 . . . HAA5 3” to “three samples for TTHM and three samples for HAA5”
611.922(a)(1)(A)(iv)	141.602(a)(1)(i)(B) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “system type Subpart H” to “a subpart B system supplier”; changed “population size category 500-3,300” to “that serves 500 to 3,300 persons”; changed “number of monitoring locations 3” to “must collect samples from three monitoring locations”; added the colon after “locations”; changed “number of samples TTHM 9 . . . HAA5 9” to “nine samples for TTHM and nine samples for HAA5”
611.922(a)(1)(A)(v)	141.602(a)(1)(i)(B) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “system type Subpart H” to “a subpart B system supplier”; changed “population size category 3,301-9,999” to “that serves 3,301 to 9,999 persons”; changed “number of monitoring locations 6” to “must collect samples from six monitoring locations”; added the colon after “locations”; changed “number of samples TTHM 36 . . . HAA5 36” to “36 samples for TTHM and 36 samples for HAA5”

611.922(a)(1)(A)(vi)	141.602(a)(1)(i)(B) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “system type Subpart H” to “a subpart B system supplier”; changed “population size category 10,000-49,999” to “that serves 10,000 to 49,999 persons”; changed “number of monitoring locations 12” to “must collect samples from 12 monitoring locations”; added the colon after “locations”; changed “number of samples TTHM 72 . . . HAA5 72” to “72 samples for TTHM and 72 samples for HAA5”
611.922(a)(1)(A)(vii)	141.602(a)(1)(i)(B) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “system type Subpart H” to “a subpart B system supplier”; changed “population size category 50,000-249,999” to “that serves 50,000 to 249,999 persons”; changed “number of monitoring locations 24” to “must collect samples from 24 monitoring locations”; added the colon after “locations”; changed “number of samples TTHM 144 . . . HAA5 144” to “144 samples for TTHM and 144 samples for HAA5”
611.922(a)(1)(A)(viii)	141.602(a)(1)(i)(B) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “system type Subpart H” to “a subpart B system supplier”; changed “population size category 250,000-999,999” to “that serves 250,000 to 999,999 persons”; changed “number of monitoring locations 36” to “must collect samples from 36 monitoring locations”; added the colon after “locations”; changed “number of samples TTHM 216 . . . HAA5 216” to “216 samples for TTHM and 216 samples for HAA5”

611.922(a)(1)(A)(ix)	141.602(a)(1)(i)(B) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “system type Subpart H” to “a subpart B system supplier”; changed “population size category 1,000,000-4,999,999” to “that serves 1,000,000 to 4,999,999 persons”; changed “number of monitoring locations 48” to “must collect samples from 48 monitoring locations”; added the colon after “locations”; changed “number of samples TTHM 288 . . . HAA5 288” to “288 samples for TTHM and 288 samples for HAA5”
611.922(a)(1)(A)(x)	141.602(a)(1)(i)(B) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “system type Subpart H” to “a subpart B system supplier”; changed “population size category $\geq 5,000,000$ ” to “that serves 5,000,000 or more persons”; changed “number of monitoring locations 60” to “must collect samples from 60 monitoring locations”; added the colon after “locations”; changed “number of samples TTHM 360 . . . HAA5 360” to “360 samples for TTHM and 360 samples for HAA5”
611.922(a)(1)(A)(xi)	141.602(a)(1)(i)(B) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “system type ground water” to “a groundwater system supplier”; changed “population size category <500” to “that serves fewer than 500 persons”; changed “number of monitoring locations 3” to “must collect samples from three monitoring locations”; added the colon after “locations”; changed “number of samples TTHM 3 . . . HAA5 3” to “three samples for TTHM and three samples for HAA5”

611.922(a)(1)(A)(xii)	141.602(a)(1)(i)(B) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “system type ground water” to “a groundwater system supplier”; changed “population size category 500-9,999” to “that serves 500 to 9,999 persons”; changed “number of monitoring locations 3” to “must collect samples from three monitoring locations”; added the colon after “locations”; changed “number of samples TTHM 9 . . . HAA5 9” to “nine samples for TTHM and nine samples for HAA5”
611.922(a)(1)(A)(xiii)	141.602(a)(1)(i)(B) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “system type ground water” to “a groundwater system supplier”; changed “population size category 10,000-99,999” to “that serves 10,000 to 99,999 persons”; changed “number of monitoring locations 12” to “must collect samples from 12 monitoring locations”; added the colon after “locations”; changed “number of samples TTHM 48 . . . HAA5 48” to “48 samples for TTHM and 48 samples for HAA5”
611.922(a)(1)(A)(xiv)	141.602(a)(1)(i)(B) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “system type ground water” to “a groundwater system supplier”; changed “population size category 100,000-499,999” to “that serves 100,000 to 499,999 persons”; changed “number of monitoring locations 18” to “must collect samples from 18 monitoring locations”; added the colon after “locations”; changed “number of samples TTHM 72 . . . HAA5 72” to “72 samples for TTHM and 72 samples for HAA5”

611.922(a)(1)(A)(xv)	141.602(a)(1)(i)(B) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “system type ground water” to “a groundwater system supplier”; changed “population size category $\geq 500,000$ ” to “that serves 500,000 or more persons”; changed “number of monitoring locations 24” to “must collect samples from 24 monitoring locations”; added the colon after “locations”; changed “number of samples TTHM 96 . . . HAA5 96” to “96 samples for TTHM and 96 samples for HAA5”
611.922(a)(1)(B)	141.602(a)(1)(ii)	Changed “you” to “a supplier”; changed “the information in this paragraph (a)(1)(ii)” to “the following information”; changed the ending period to a colon
611.922(a)(1)(B)(i)	141.602(a)(1)(ii)(A)	Changed “you” to “the supplier”; changed “beginning” to “that began”; changed “ending” to “which ended”; changed “subpart L” to “Subpart I”; changed the ending period to a semicolon
611.922(a)(1)(B)(ii)	141.602(a)(1)(ii)(B)	Changed “you” to “the supplier”; changed “beginning” to “that began”; changed “and that treatment, and distribution system” to “and treatment and that the distribution system and treatment”; changed the ending period to a semicolon
611.922(a)(1)(B)(iii)	141.602(a)(1)(ii)(C)	Changed “your” to “a supplier’s”; changed “your” to “its”; changed “sources, and storage facilities” to “sources and storage facilities in the system”; changed “ending” to “which ended”; changed “system specific” to hyphenated “system-specific”; changed the ending period to a semicolon
611.922(a)(1)(B)(iv)	141.602(a)(1)(ii)(D)	Changed “you” to “the supplier”; changed “system specific” to hyphenated “system-specific”; changed “your” to “its”; changed “subpart H or ground water” to “i.e., that it is a Subpart B or groundwater system”; changed the ending period to a semicolon



611.922(a)(1)(B)(v)	141.602(a)(1)(ii)(E)	Changed “you” to “the supplier”; changed “your” to “its”; changed “system specific” to hyphenated “system-specific” (twice); changed “State” to “Agency”; changed “your” to “the supplier’s”; changed “you are . . . your” to “the supplier is . . . its”; changed the ending period to a semicolon and added the ending conjunction “and”
611.922(a)(1)(B)(vi)	141.602(a)(1)(ii)(F)	Changed “you submit” to “the supplier submits”; added a comma before “and the Agency rejects” to offset an independent clause; changed “State” to “Agency”; added “in writing”; added “by a SEP issued pursuant to Section 611.110” offset by commas; added “it must” before “conduct” to create an independent clause”
611.922(a)(2)	141.602(a)(2)	Changed “you” to “a supplier”; changed “extended period” to hyphenated “extended-period” (twice); changed the ending period to a colon
611.922(a)(2)(A)	141.602(a)(2)(i)	Added “extended-period hydraulic model” before “requirements”
611.922(a)(2)(A)(i)	141.602(a)(2)(i)(A)	Added “extended-period hydraulic” before “model”
611.922(a)(2)(A)(ii)	141.602(a)(2)(i)(B)	Added “extended-period hydraulic” before “model”
611.922(a)(2)(A)(ii) Board note	141.602(a)(2)(i)(B)	Added the explanation of the subsections moved to subsection (a)(2)(D)
611.922(a)(2)(A)(iii)	141.602(a)(2)(i)(C)	Added “extended-period hydraulic” before “model”; removed the unnecessary commas from before and after “or have calibration plans” that separated a two-element series; added “in the system” after “storage facilities”; changed “after plan submission” to “after the supplier has submitted the plan”
611.922(a)(2)(B)	141.602(a)(2)(ii)	Changed “your” to “a supplier’s”; changed “system specific” to hyphenated “system-specific”; changed “the information in this paragraph (a)(2)(ii)” to “the information described in subsections (a)(2)(B)(i) through (a)(2)(B)(vii) of this Section, subject to the requirements of subsection (a)(2)(B)(vii) of this Section”

611.922(a)(2)(B)(i)	141.602(a)(2)(ii)(A)	Changed “paragraph (a)(2)(i)(B) of this section” to “subsections (a)(2)(A)(ii) and (a)(2)(D) of this Section” to accommodate the movement of text to subsection (a)(2)(D)
611.922(a)(2)(B)(ii)	141.602(a)(2)(ii)(B)	Moved the comma from before to after “and”; added “system” to before “storage facility”; changed “time series” to hyphenated “time-series”; corrected “to for” to “for”
611.922(a)(2)(B)(iii)	141.602(a)(2)(ii)(C)	Changed “24 hour” to hyphenated “24-hour”
611.922(a)(2)(B)(iv)	141.602(a)(2)(ii)(D)	Added the definite article “the” before “timing”; added the definite article “the” before “number”; changed “dual sample” to hyphenated “dual-sample”; changed “no less than” to “no fewer than”; changed “subpart L” to “Subpart I”
611.922(a)(2)(B)(v)	141.602(a)(2)(ii)(E)	Added the indefinite article “a” before “description”; changed “you submit” to “the supplier submits”; changed “your” to “the supplier’s”; changed “system specific” to hyphenated “system-specific”
611.922(a)(2)(B)(vi)	141.602(a)(2)(ii)(F)	Added the indefinite article “a” before “schematic”; changed “your” to “the supplier’s”; removed the unnecessary comma from before “and system storage facilities”; added “system” before “storage facilities”; changed “system specific” to hyphenated “system-specific”; changed “subpart L” to “Subpart I”
611.922(a)(2)(B)(vii)	141.602(a)(2)(ii)(G)	Added the definite article “the” before “population”; changed “subpart H or ground water” to “i.e., that it is a Subpart B or groundwater system”
611.922(a)(2)(B)(viii)	141.602(a)(2)(ii)(H)	Changed “you” to “the supplier”; changed “your” to “the supplier’s” (three times); changed “system specific” to “system-specific” (twice); changed “State” to “Agency”; changed “you are” to “the supplier is”

611.922(a)(2)(C)	141.602(a)(2)(iii)	Changed “you submit” to “the supplier submits”; changed “you submit” to “the supplier submits” (twice); added “Agency-cited” before “deficiencies”; changed “State” to “Agency”; changed “you fail” to “the supplier fails”; changed “State’s” to “Agency’s”
611.922(a)(2)(D)	141.602(a)(2)(i)(B)	Added the subsection designation to accommodate text moved to comport with codification requirements; added “extended-period hydraulic” before “model”; changed “the criteria listed in paragraphs (a)(2)(i)(B)(1) through (9) of this section” to “the following criteria”
611.922(a)(2)(D)(i)	141.602(a)(2)(i)(B)(1)	Added the subsection designation to accommodate text moved to comport with codification requirements; changed “75%” to “75 percent”
611.922(a)(2)(D)(ii)	141.602(a)(2)(i)(B)(2)	Added the subsection designation to accommodate text moved to comport with codification requirements; changed “50%” to “50 percent”
611.922(a)(2)(D)(iii)	141.602(a)(2)(i)(B)(3)	Added the subsection designation to accommodate text moved to comport with codification requirements
611.922(a)(2)(D)(iv)	141.602(a)(2)(i)(B)(4)	Added the subsection designation to accommodate text moved to comport with codification requirements
611.922(a)(2)(D)(v)	141.602(a)(2)(i)(B)(5)	Added the subsection designation to accommodate text moved to comport with codification requirements; changed “8-inch” to “eight-inch”; changed “or are known” to “or which are known”
611.922(a)(2)(D)(vi)	141.602(a)(2)(i)(B)(6)	Added the subsection designation to accommodate text moved to comport with codification requirements; changed “6-inch” to “six-inch”
611.922(a)(2)(D)(vii)	141.602(a)(2)(i)(B)(7)	Added the subsection designation to accommodate text moved to comport with codification requirements; removed the unnecessary ending conjunction “and”
611.922(a)(2)(D)(viii)	141.602(a)(2)(i)(B)(8)	Added the subsection designation to accommodate text moved to comport with codification requirements

611.922(a)(2)(D)(ix)	141.602(a)(2)(i)(B)(9)	Added the subsection designation to accommodate text moved to comport with codification requirements
611.922(a)(2)(D) Board note	141.602(a)(2)(i)(B)	Added the explanation of the subsections moved from subsection (a)(2)(A)(ii)
611.922(b)	141.602(b)	Changed “your” to “the supplier’s”; changed “you” to “the supplier”; changed “your” to “its”; changed “the schedule” to “the applicable of the schedules”
611.922(b)(1)	141.602(b)(1)	Changed “your” to “the supplier’s” (three times); changed “subpart L” to “Subpart I”; changed “system specific” to hyphenated “system-specific” (three times); changed “State” to “Agency”; changed “your” to “its”; changed “subpart H or ground water” to “i.e., that it is a Subpart B or groundwater system”
611.922(b)(2)	141.602(b)(2)	Changed “you” to “the supplier”; changed “you” to “it”; changed “time series” to hyphenated “time-series”; changed “subpart V” to “Subpart Y”
611.922(b)(3)	141.602(b)(3)	Changed “you” to “the supplier”; changed “subpart V” to “Subpart Y”
611.922(b)(4)	141.602(b)(4)	Changed “your” to “the supplier’s”; changed “your” to “its”; changed “system specific” to hyphenated “system-specific”
611.922(b)(5)	141.602(b)(5)	Changed “your” to “the supplier’s”; changed “you used” to “that it used”; changed “subpart V” to “Subpart Y”
611.922(b)(6)	141.602(b)(6)	Changed “your” to “the supplier’s”; changed “your” to “its” (three times); changed “system specific” to hyphenated “system-specific” (twice); changed “you believe that you have” to “the supplier believes that it has”; changed “by the time” to “before the time”; changed “you elect . . . your” to “the supplier elects . . . its”

611.922(b)(7)	141.602(b)(7)	Changed “you” to “the supplier” (three times); changed “your” to “its” (twice); changed “you . . . your” to “the supplier . . . its”; changed “State” to “Agency” (four times); changed “subpart V” to “Subpart Y”; changed “your” to “the supplier’s”; changed “State’s” to “Agency’s” (twice)
611.922 Board note	141.602	Added the citation to the federal source of the material
611.923(a)	141.603(a)	Changed “you are . . . if you” to “the supplier is . . . if it”; changed “subpart L of this part” to “Subpart I of this Part”; changed “mg/L” to “mg/l” (twice); changed “this paragraph (a)” to “the applicable of subsections (a)(1) through (a)(4) of this Section, subject to the limitations of subsection (a)(5) of this Section”; converted the tabulated material into standard subsection format
611.923(a)(1)	141.603(a) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “if your 40/30 certification is due October 1, 2006” to “if the supplier’s 40/30 certification is due no later than October 1, 2006”; added the comma after “October 1, 2006”; changed “your” to “its”; changed “subpart L” to “Subpart I”
611.923(a)(2)	141.603(a) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “if your 40/30 certification is due April 1, 2007” to “if the supplier’s 40/30 certification is due no later than April 1, 2007”; added the comma after “April 1, 2007”; changed “your” to “its”; changed “subpart L” to “Subpart I”

611.923(a)(3)	141.603(a) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “if your 40/30 certification is due October 1, 2007” to “if the supplier’s 40/30 certification is due no later than October 1, 2007”; added the comma after “October 1, 2007”; changed “your” to “its”; changed “subpart L” to “Subpart I”
611.923(a)(4)	141.603(a) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “if your 40/30 certification is due April 1, 2008” to “if the supplier’s 40/30 certification is due no later than April 1, 2008”; added the comma after “April 1, 2008”; changed “your” to “its”; changed “subpart L” to “Subpart I”
611.923(a)(5)	141.603(a) table, note 1	Added the subsection designation to convert the table footnote into standard subsection format; added “eligibility for 40/30 certification . . . of this Section” as an introductory clause offset by a comma; changed “you are . . . and are” to “the supplier is . . . and was”; changed “subpart L of this part” to “Subpart I of this Part”; added the comma after “April 1, 2008”; changed “your” to “its”; changed “you . . . your” to “the supplier . . . its”
611.923(b)(1)	141.603(b)(1)	Changed “you” to “a supplier”; changed “your State” to “the Agency”; changed “subpart L of this part” to “Subpart I of this Part”; added “the applicable of” before “the periods”; changed “ $\leq 0.040$ mg/L” to “no more than 0.040 mg/l”; changed “ $\leq 0.030$ mg/L” to “no more than 0.030 mg/l”; changed “you have” to “the supplier has”
611.923(b)(2)	141.603(b)(2)	Changed “State” to “Agency” (twice); changed “you” to “a supplier”; changed “and/or” to “or”; changed “subpart V” to “Subpart Y”; changed “you fail” to “the supplier fails”; changed “system specific” to hyphenated “system-specific”

611.923(b)(3)	141.603(b)(3)	Changed “State” to “Agency”; changed “system specific” to hyphenated “system-specific”; changed “you meet” to “the supplier meets”
611.923(b)(4)	141.603(b)(4)	Changed “you” to “the supplier” (twice); changed “your” to “its”; changed “you” to “it”; changed “your” to “the supplier’s”; changed “State” to “Agency” (twice)
611.923 Board note	141.603	Added the citation to the federal source of the material
611.924(a)	141.604(a)	Changed “you serve . . . you have” to “the supplier serves . . . it has”; changed “under” to “pursuant to” (three times); changed “subpart L of this part” to “Subpart I of this Part”; changed “you are” to “the supplier is”; changed “this subpart” to “this Subpart W”; changed “State” to “Agency”; changed “you . . . you” to “the supplier . . . it”; added “by a SEP issued pursuant to Section 611.110” offset by commas; changed “system specific” to hyphenated “system-specific”
611.924(b)	141.604(b)	Changed “you have” to “the supplier has”; changed “under” to “pursuant to” (three times); changed “subpart L of this part” to “Subpart I of this Part”; changed “State” to “Agency”; changed “you . . . you” to “the supplier . . . it”; added “by a SEP issued pursuant to Section 611.110” offset by commas; changed “this subpart” to “this Subpart W”; changed “you” to “the supplier”; changed “system specific” to hyphenated “system-specific”
611.924 Board note	141.604	Added the citation to the federal source of the material
611.925 heading	141.605 heading	Changed “Subpart V” to “Subpart Y”

611.925(a)	141.605(a)	Changed “your . . . your” to “a supplier’s . . . its”; changed “month(s)” to “months”; changed “TTHM and HAA5 monitoring . . . should be conducted” to active-voice “it will conduct TTHM and HAA5 monitoring . . .”; changed “subpart V of this part” to “Subpart Y of this Part”; changed “you . . . you” to “the supplier . . . its”; changed “criteria in” to “criteria set forth in”
611.925(b)	141.605(b)	Changed “you” to “the supplier” (three times); changed “table in this paragraph (b)” to “applicable of subsections (b)(1) through (b)(13) of this Section, subject to the limitations of subsections (b)(14) and (b)(15) of this Section”; changed “subpart V” to “Subpart Y”; changed “State” to “the Agency”; converted the tabulated material into standard subsection format
611.925(b)(1)	141.605(b) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type subpart H” to “a Subpart B system supplier”; changed “population size category <500” to “that serves fewer than 500 persons”; changed “monitoring frequency per year” to “must annually collect samples”; changed “total per monitoring period 2” to “from two monitoring locations”; added a colon after “locations”; changed “highest TTHM locations 1 . . . highest HAA5 locations 1” to “one sample from the highest TTHM location and one sample from the highest HAA5 location”



611.925(b)(2)	141.605(b) table	<p>Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type subpart H” to “a Subpart B system supplier”; changed “population size category 500-3,300” to “that serves 500 to 3,300 persons”; changed “monitoring frequency per quarter” to “must quarterly collect samples”; changed “total per monitoring period 2” to “from two monitoring locations”; added a colon after “locations”; changed “highest TTHM locations 1 . . . highest HAA5 locations 1” to “one sample from the highest TTHM location and one sample from the highest HAA5 location”</p>
611.925(b)(3)	141.605(b) table	<p>Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type subpart H” to “a Subpart B system supplier”; changed “population size category 3,301-9,999” to “that serves 3,301 to 9,999 persons”; changed “monitoring frequency per quarter” to “must quarterly collect samples”; changed “total per monitoring period 2” to “from two monitoring locations”; added a colon after “locations”; changed “highest TTHM locations 1 . . . highest HAA5 locations 1” to “one sample from the highest TTHM location and one sample from the highest HAA5 location”</p>

611.925(b)(4)	141.605(b) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type subpart H” to “a Subpart B system supplier”; changed “population size category 10,000-49,999” to “that serves 10,000 to 49,999 persons”; changed “monitoring frequency per quarter” to “must quarterly collect samples”; changed “total per monitoring period 4” to “from four monitoring locations”; added a colon after “locations”; changed “highest TTHM locations 2 . . . highest HAA5 locations 1 . . . existing subpart L compliance locations 1” to “two samples from the highest TTHM locations, one sample from the highest HAA5 location, and one sample from an existing Subpart I compliance location”
611.925(b)(5)	141.605(b) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type subpart H” to “a Subpart B system supplier”; changed “population size category 50,000-249,999” to “that serves 50,000 to 249,999 persons”; changed “monitoring frequency per quarter” to “must quarterly collect samples”; changed “total per monitoring period 8” to “from eight monitoring locations”; added a colon after “locations”; changed “highest TTHM locations 3 . . . highest HAA5 locations 3 . . . existing subpart L compliance locations 2” to “three samples from the highest TTHM locations, three samples from the highest HAA5 locations, and two samples from an existing Subpart I compliance locations”

611.925(b)(6)	141.605(b) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type subpart H” to “a Subpart B system supplier”; changed “population size category 250,000-999,999” to “that serves 250,000 to 999,999 persons”; changed “monitoring frequency per quarter” to “must quarterly collect samples”; changed “total per monitoring period 12” to “from 12 monitoring locations”; added a colon after “locations”; changed “highest TTHM locations 5 . . . highest HAA5 locations 4 . . . existing subpart L compliance locations 3” to “five samples from the highest TTHM locations, four samples from the highest HAA5 locations, and three samples from an existing Subpart I compliance locations”
611.925(b)(7)	141.605(b) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type subpart H” to “a Subpart B system supplier”; changed “population size category 1,000,000-4,999,999” to “that serves 1,000,000 to 4,999,999 persons”; changed “monitoring frequency per quarter” to “must quarterly collect samples”; changed “total per monitoring period 16” to “from 16 monitoring locations”; added a colon after “locations”; changed “highest TTHM locations 6 . . . highest HAA5 locations 6 . . . existing subpart L compliance locations 4” to “six samples from the highest TTHM locations, six samples from the highest HAA5 locations, and four samples from an existing Subpart I compliance locations”

611.925(b)(8)	141.605(b) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type subpart H” to “a Subpart B system supplier”; changed “population size category $\geq 5,000,000$ ” to “that serves 5,000,000 or more persons”; changed “monitoring frequency per quarter” to “must quarterly collect samples”; changed “total per monitoring period 20” to “from 20 monitoring locations”; added a colon after “locations”; changed “highest TTHM locations 8 . . . highest HAA5 locations 7 . . . existing subpart L compliance locations 5” to “eight samples from the highest TTHM locations, seven samples from the highest HAA5 locations, and five samples from an existing Subpart I compliance locations”
611.925(b)(9)	141.605(b) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type ground water” to “a groundwater system supplier”; changed “population size category $< 500$ ” to “that serves fewer than 500 persons”; changed “monitoring frequency per year” to “must annually collect samples”; changed “total per monitoring period 2” to “from two monitoring locations”; added a colon after “locations”; changed “highest TTHM locations 1 . . . highest HAA5 locations 1” to “one sample from the highest TTHM location and one sample from the highest HAA5 location”

611.925(b)(10)	141.605(b) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type ground water” to “a groundwater system supplier”; changed “population size category 500-9,999” to “that serves 500 to 9,999 persons”; changed “monitoring frequency per year” to “must annually collect samples”; changed “total per monitoring period 2” to “from two monitoring locations”; added a colon after “locations”; changed “highest TTHM locations 1 . . . highest HAA5 locations 1” to “one sample from the highest TTHM location and one sample from the highest HAA5 location”
611.925(b)(11)	141.605(b) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type ground water” to “a groundwater system supplier”; changed “population size category 10,000-99,999” to “that serves 10,000 to 99,999 persons”; changed “monitoring frequency per quarter” to “must quarterly collect samples”; changed “total per monitoring period 4” to “from four monitoring locations”; added a colon after “locations”; changed “highest TTHM locations 2 . . . highest HAA5 locations 1 . . . existing subpart L compliance locations 1” to “two samples from the highest TTHM locations, one sample from the highest HAA5 location, and one sample from an existing Subpart I compliance location”

611.925(b)(12)	141.605(b) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type ground water” to “a groundwater system supplier”; changed “population size category 100,000-499,999” to “that serves 100,000 to 499,999 persons”; changed “monitoring frequency per quarter” to “must quarterly collect samples”; changed “total per monitoring period 6” to “from six monitoring locations”; added a colon after “locations”; changed “highest TTHM locations 3 . . . highest HAA5 locations 2 . . . existing subpart L compliance locations 1” to “three samples from the highest TTHM locations, two samples from the highest HAA5 locations, and one sample from an existing Subpart I compliance location”
611.925(b)(13)	141.605(b) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type subpart H” to “a Subpart B system supplier”; changed “population size category $\geq 500,000$ ” to “that serves 500,000 or more persons”; changed “monitoring frequency per quarter” to “must quarterly collect samples”; changed “total per monitoring period 8” to “from eight monitoring locations”; added a colon after “locations”; changed “highest TTHM locations 3 . . . highest HAA5 locations 3 . . . existing subpart L compliance locations 2” to “three samples from the highest TTHM locations, three samples from the highest HAA5 locations, and two samples from an existing Subpart I compliance locations”
611.925(b)(14)	141.605(b) table, note 1	Added the subsection designation to convert the table footnote into standard subsection format; changed “all systems” to singular “the supplier”; added the definite article “the” before “month”

611.925(b)(15)	141.605(b) table, note 2	Added the subsection designation to convert the table footnote into standard subsection format; changed “systems” to singular “a supplier”; changed “subpart H systems serving 500-3,300” to singular “a Subpart B system supplier that serves 500 to 3,300 persons” (twice); changed “systems . . . are required” to singular “a supplier . . . is required”; added the definite article “the” before “highest TTHM and HAA5”; removed the unnecessary comma from before “and month” that separated a two-element series
611.925(c)	141.605(c)	Changed “you” to “the supplier” (three times); changed “subpart V” to “Subpart Y”; changed “system specific” to hyphenated “system-specific”; changed “subpart L” to “Subpart I” (three times); changed “you do not” to “the supplier does not” (twice); changed “you have” to “the supplier has”
611.925(c)(1)	141.605(c)(1)	Added the definite article “the”; changed “subpart V” to “Subpart Y”
611.925(c)(2)	141.605(c)(2)	Added the definite article “the”; changed “subpart V” to “Subpart Y”
611.925(c)(3)	141.605(c)(3)	Added the definite article “the”; changed “subpart L” to “Subpart I”; changed “ground water systems” to a singular “a groundwater system”; changed “subpart V” to “Subpart Y”
611.925(c)(4)	141.605(c)(4)	Added the definite article “the”; changed “subpart V” to “Subpart Y”
611.925(c)(5)	141.605(c)(5)	Added the definite article “the”; changed “subpart V” to “Subpart Y”
611.925(c)(6)	141.605(c)(6)	Added the definite article “the”; changed “subpart V” to “Subpart Y”
611.925(c)(7)	141.605(c)(7)	Added the definite article “the”; changed “subpart L” to “Subpart I”; changed “ground water systems” to a singular “a groundwater system”; changed “subpart V” to “Subpart Y”
611.925(c)(8)	141.605(c)(8)	Added the definite article “the”; changed “subpart V” to “Subpart Y”

611.925(d)	141.605(d)	Changed “you” to “the supplier” (twice); changed “you include” to “the supplier includes” (three times); changed “State” to “Agency”; changed “alternate” to “alternative”; changed “subpart V” to “Subpart Y”
611.925(e)	141.605(e)	Changed “your” to “the supplier’s”; changed “subpart V” to “Subpart Y” (twice); changed “State” to “Agency”; changed “you have . . . you are . . . you” to “the supplier has . . . the supplier is . . . the supplier”
611.925 Board note	141.605	Added the citation to the federal source of the material
611.Subpart Y heading	141, subpart V heading	Changed “V” to “Y”; capitalized the heading
611.970(a)	141.620(a)	Changed “subpart V of this part” to “this Subpart Y”; changed “subpart V” to “Subpart Y”; changed “maximum contaminant levels” to the defined abbreviation “MCLs”; changed “locational running annual averages (LRAA)” to the defined abbreviation “LRAAs”; changed “total trihalomethanes (TTHM)” to the defined abbreviation “TTHM”; changed “haloacetic acids (five) (HAA5)” to the defined abbreviation “HAA5”; changed “maximum disinfectant residuals” to the defined abbreviation “MRDLs”
611.970(b)	141.620(b)	Changed “you are . . . your” to “a supplier is . . . its”; changed “community water system” to the defined abbreviation “CWS”; changed “nontransient noncommunity water system” to the defined abbreviation “NTNCWS”; added “which” for a subsequent restrictive relative clause



611.970(c)	141.620(c)	Changed “you” to “a supplier”; changed “subpart V” to “Subpart Y”; changed “schedule in the following table” to “applicable schedule set forth in subsections (c)(1) through (c)(6) of this Section”; changed “your” to “the supplier’s”; added “subject to the limitations of subsection (b)(7) of this Section”; converted the tabulated material into standard subsection format
611.970(c)(1)	141.620(c) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “if you are this type of system . . . systems that are not part of a combined distribution system and systems that serve that largest population in the combined distribution system . . . system serving $\geq$ 100,000” to “a supplier that is not part of a combined distribution system, or a supplier whose system serves the largest population in a combined system, and whose system serves 100,000 or more persons”; changed “you must comply with subpart V monitoring by: April 1, 2012” to “must comply with the requirements of this Subpart Y before April 1, 2012”
611.970(c)(2)	141.620(c) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “if you are this type of system . . . systems that are not part of a combined distribution system and systems that serve that largest population in the combined distribution system . . . system serving 50,000-99,999” to “a supplier that is not part of a combined distribution system, or a supplier whose system serves the largest population in a combined system, and whose system serves 50,000 to 99,999 persons”; changed “you must comply with subpart V monitoring by: October 1, 2012” to “must comply with the requirements of this Subpart Y before October 1, 2012”

611.970(c)(3)	141.620(c) table	<p>Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “if you are this type of system . . . systems that are not part of a combined distribution system and systems that serve that largest population in the combined distribution system . . . system serving 10,000-49,999” to “a supplier that is not part of a combined distribution system, or a supplier whose system serves the largest population in a combined system, and whose system serves 10,000 to 49,999 persons”; changed “you must comply with subpart V monitoring by: October 1, 2013” to “must comply with the requirements of this Subpart Y before October 1, 2013”</p>
611.970(c)(4)	141.620(c) table	<p>Added the subsection designation to convert the line of tabulated material into standard subsection format; divided the entry to separate the two compliance deadlines; changed “if you are this type of system . . . systems that are not part of a combined distribution system and systems that serve that largest population in the combined distribution system . . . system serving &lt; 10,000” to “a supplier that is not part of a combined distribution system, or a supplier whose system serves the largest population in a combined system, and whose system serves fewer than 10,000 persons”; changed “you must comply with subpart V monitoring by: October 1, 2013 if no Cryptosporidium monitoring is required under § 141.701(a)(4)” to “must comply with the requirements of this Subpart Y before October 1, 2013 if no Cryptosporidium monitoring is required pursuant to Section 611.1001(a)(4)”</p>

611.970(c)(5)	141.620(c) table	<p>Added the subsection designation to convert the line of tabulated material into standard subsection format; divided the entry to separate the two compliance deadlines; changed “if you are this type of system . . . systems that are not part of a combined distribution system and systems that serve that largest population in the combined distribution system . . . system serving &lt; 10,000” to “a supplier that is not part of a combined distribution system, or a supplier whose system serves the largest population in a combined system, and whose system serves fewer than 10,000 persons”; changed “you must comply with subpart V monitoring by: October 1, 2014 if Cryptosporidium monitoring is required under § 141.701(a)(4) or (a)(6)” to “must comply with the requirements of this Subpart Y before October 1, 2014 if Cryptosporidium monitoring is required pursuant to Section 611.1001(a)(4) or (a)(6)”</p>
611.970(c)(6)	141.620(c) table	<p>Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “if you are this type of system . . . other systems that are part of a combined distribution system . . . consecutive system or wholesale system” to “a supplier whose consecutive system or wholesale system is part of a combined system, other than a supplier that is subject to any of subsections (c)(1) through (c)(4) of this Section”; changed “you must comply with subpart V monitoring by: —at the same time as the system with the earliest compliance date in the combined distribution system” to “must comply with the requirements of this Subpart Y before the earliest compliance date applicable to any segment of the combined distribution system”</p>

611.970(c)(7)	141.620(c) table, note 1	Added the subsection designation to convert the footnote into standard subsection format; changed “State” to “Agency”; added “by a SEP issued pursuant to Section 611.110” offset by commas; corrected the spelling “evaluaton” to “evaluation”; changed “you require” to “if it finds that the additional time is needed because the supplier requires”
611.970(c)(8)	141.620(c)(6)	Changed the subsection designation to accommodate conversion of tabulated material into standard subsection format; changed “your” to “the supplier’s”
611.970(c)(8)(A)	141.620(c)(6)(i)	Changed the subsection designation to accommodate conversion of tabulated material into standard subsection format; changed “you are . . . you” to “a supplier is . . . it”; changed “compliance date in the table” to “applicable compliance date set forth”
611.970(c)(8)(B)	141.620(c)(6)(ii)	Changed the subsection designation to accommodate conversion of tabulated material into standard subsection format; changed “you are . . . you” to “a supplier is . . . it”; changed “frequency that is less than quarterly” to “less frequently than quarterly”; changed “under” to “pursuant to” (twice); added “in” before “the calendar month”; changed “subpart V” to “Subpart Y”; changed “no later than” to “but in no instance later than” offset by a comma; changed “compliance date in this table” to “applicable compliance date set forth in this subsection (c)”
611.970(c)(9)	141.620(c)(7)	Changed the subsection designation to accommodate conversion of tabulated material into standard subsection format; changed “you are . . . you” to “a supplier is . . . it” (twice); changed “less than quarterly” to “less frequently than quarterly”

611.970(c)(10)	141.620(c)(8)	Changed the subsection designation to accommodate conversion of tabulated material into standard subsection format; changed “schedule in” to “schedule set forth in”; changed “State” to “Agency” (twice); added “by a SEP issued pursuant to Section 611.110” offset by commas; changed “receiving” to “receipt of” (twice); changed “delivering” to “delivery of” (twice)
611.970(c)(10) Board note	141.620(c)(8)	Added the explanation of the structural deviation from the corresponding federal rules
611.970(d)(1)	141.620(d)(1)	Changed “systems” to “suppliers”; changed “subpart V” to “Subpart Y” (twice); changed “you” to “the supplier”; changed “this subpart” to “this Subpart Y”; added a comma before and changed “and determine” to “and it must determine” to create an independent clause; changed “you fail” to “the supplier fails”; changed “you” to “it” (twice); changed “you take” to “the supplier takes”
611.970(d)(2)	141.620(d)(2)	Changed “systems” to “suppliers”; changed “subpart V” to “Subpart Y”; changed “you” to “the supplier” (twice)
611.970(e)	141.620(e)	Added “for failure to monitor” after “violation”; changed “you are” to “the supplier is”; changed “you fail” to “the supplier fails”
611.970 Board note	141.620	Added the citation to the federal source of the material

611.971(a)(1)	141.621(a)(1)	<p>Changed “you . . . you” to “a supplier . . . it”; added “during the” before “months”; changed “you have . . . your” to “that the supplier has . . . its”; changed “under” to “pursuant to” (three times); changed “schedule in” to “schedule set forth in”; changed “State” to “Agency”; added “by a SEP issued pursuant to Section 611.110” offset by commas; changed “you . . . you” to “the supplier . . . it”; changed “you are” to “it is”; changed “nontransient noncommunity water system serving &lt;10,000” to “NTNCWS that serves fewer than 10,000 persons”; changed “you . . . your” to “the supplier . . . its”; changed “location(s)” to “locations”; added “on the” before “dates”; changed “plan in” to “plan as described in”</p>
611.971(a)(2)	141.621(a)(2)	<p>Changed “you” to “the supplier”; changed “this paragraph (a)(2)” to “the applicable of subsections (a)(2)(A) through (a)(2)(M) of this Section, subject to the limitations of subsections (a)(2)(N) and (a)(2)(O) of this Section”; converted the tabulated material into standard subsection format</p>
611.971(a)(2)(A)	141.621(a)(2) table	<p>Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type subpart H” to “a Subpart B system supplier”; changed “population size category &lt;500” to “that serves fewer than 500 persons”; changed “monitoring frequency per year” to “must monitor annually”; changed “distribution system monitoring location total per monitoring period 2” to “at two distribution system monitoring locations during each monitoring period”</p>

611.971(a)(2)(B)	141.621(a)(2) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type subpart H” to “a Subpart B system supplier”; changed “population size category 500-3,300” to “that serves 500 to 3,300 persons”; changed “monitoring frequency per quarter” to “must monitor quarterly”; changed “distribution system monitoring location total per monitoring period 2” to “at two distribution system monitoring locations during each monitoring period”
611.971(a)(2)(C)	141.621(a)(2) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type subpart H” to “a Subpart B system supplier”; changed “population size category 3,301-9,999” to “that serves 3,301 to 10,000 persons”; changed “monitoring frequency per quarter” to “must monitor quarterly”; changed “distribution system monitoring location total per monitoring period 2” to “at two distribution system monitoring locations during each monitoring period”
611.971(a)(2)(D)	141.621(a)(2) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type subpart H” to “a Subpart B system supplier”; changed “population size category 10,000-49,999” to “that serves 10,000 to 49,999 persons”; changed “monitoring frequency per quarter” to “must monitor quarterly”; changed “distribution system monitoring location total per monitoring period 4” to “at four distribution system monitoring locations during each monitoring period”

611.971(a)(2)(E)	141.621(a)(2) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type subpart H” to “a Subpart B system supplier”; changed “population size category 50,000-249,999” to “that serves 50,000 to 249,999 persons”; changed “monitoring frequency per quarter” to “must monitor quarterly”; changed “distribution system monitoring location total per monitoring period 8” to “at eight distribution system monitoring locations during each monitoring period”
611.971(a)(2)(F)	141.621(a)(2) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type subpart H” to “a Subpart B system supplier”; changed “population size category 250,000-999,999” to “that serves 250,000 to 999,999 persons”; changed “monitoring frequency per quarter” to “must monitor quarterly”; changed “distribution system monitoring location total per monitoring period 12” to “at 12 distribution system monitoring locations during each monitoring period”
611.971(a)(2)(G)	141.621(a)(2) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type subpart H” to “a Subpart B system supplier”; changed “population size category 1,000,000-4,999,999” to “that serves 1,000,000 to 4,999,999 persons”; changed “monitoring frequency per quarter” to “must monitor quarterly”; changed “distribution system monitoring location total per monitoring period 16” to “at 16 distribution system monitoring locations during each monitoring period”



611.971(a)(2)(H)	141.621(a)(2) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type subpart H” to “a Subpart B system supplier”; changed “population size category $\geq 5,000,000$ ” to “that serves 5,000,000 or more persons”; changed “monitoring frequency per quarter” to “must monitor quarterly”; changed “distribution system monitoring location total per monitoring period 20” to “at 20 distribution system monitoring locations during each monitoring period”
611.971(a)(2)(I)	141.621(a)(2) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type ground water” to “a groundwater system supplier”; changed “population size category $< 500$ ” to “that serves fewer than 500 persons”; changed “monitoring frequency per year” to “must monitor annually”; changed “distribution system monitoring location total per monitoring period 2” to “at two distribution system monitoring locations during each monitoring period”
611.971(a)(2)(J)	141.621(a)(2) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type ground water” to “a groundwater system supplier”; changed “population size category 500-9,999” to “that serves 500 to 9,999 persons”; changed “monitoring frequency per year” to “must monitor annually”; changed “distribution system monitoring location total per monitoring period 2” to “at two distribution system monitoring locations during each monitoring period”

611.971(a)(2)(K)	141.621(a)(2) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type ground water” to “a groundwater system supplier”; changed “population size category 10,000-99,999” to “that serves 10,000 to 99,999 persons”; changed “monitoring frequency per quarter” to “must monitor quarterly”; changed “distribution system monitoring location total per monitoring period 4” to “at four distribution system monitoring locations during each monitoring period”
611.971(a)(2)(L)	141.621(a)(2) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type ground water” to “a groundwater system supplier”; changed “population size category 100,000-499,999” to “that serves 100,000 to 499,999 persons”; changed “monitoring frequency per quarter” to “must monitor quarterly”; changed “distribution system monitoring location total per monitoring period 6” to “at six distribution system monitoring locations during each monitoring period”
611.971(a)(2)(M)	141.621(a)(2) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type ground water” to “a groundwater system supplier”; changed “population size category $\geq 500,000$ ” to “that serves 500,000 or more persons”; changed “monitoring frequency per quarter” to “must monitor quarterly”; changed “distribution system monitoring location total per monitoring period 8” to “at eight distribution system monitoring locations during each monitoring period”
611.971(a)(2)(N)	141.621(a)(2) table, note 1	Added the subsection designation to convert the footnote material into standard subsection format; changed “all systems” to singular “the supplier”

611.971(a)(2)(O)	141.621(a)(2) table, note 2	Added the subsection designation to convert the footnote material into standard subsection format; changed “systems” to singular “a supplier”; changed “subpart H systems serving 500-3,300 are” to “a Subpart B system supplier that serves 500 to 3,300 persons”; changed “systems . . . or subpart H systems serving 500-3,300 are” to “a supplier . . . or a Subpart B system supplier that serves 500 to 3,300 persons”; added the definite article “the” before “highest TTHM and HAA5 concentrations”
611.971(a)(3)	141.621(a)(3)	Changed “you are” to “a supplier is”; changed “dates in subpart U of this part” to “dates set forth in Subpart W of this Part”; changed “Initial Distribution System Evaluation” to the defined abbreviation “IDSE”; changed “you” to “the supplier” (twice); changed “State” to “Agency”; changed “this subpart” to “this Subpart Y”; changed “under” to “pursuant to”
611.971(b)	141.621(b)	Changed “you” to “a supplier”; changed “this subpart” to “this Subpart Y”; changed “EPA” to “USEPA”; changed “State” to “Agency”
611.971 Board note	141.621	Added the citation to the federal source of the material
611.972 heading	141.622 heading	Changed “Subpart V” to “Subpart Y”
611.972(a)	141.622(a)	Added “development of a monitoring plan” as the topical heading

611.972(a)(1)	141.622(a)(1)	Changed “you” to “a supplier”; changed “to be kept” to “that it must keep”; changed “State” to “Agency”; changed “the elements set forth in subsections (a)(1)(A) through (a)(1)(D) of this Section” to “the following elements”; added a comma before and changed “and be complete” to “and it must be” to create an independent clause; changed “the date you conduct your” to “the date when the supplier conducts its”; changed “under” to “pursuant to”; changed “this subpart” to “this Subpart Y”; changed the ending period to a colon
611.972(a)(1)(A)	141.622(a)(1)(i)	Added the definite article “the”
611.972(a)(1)(B)	141.622(a)(1)(ii)	Added the definite article “the”
611.972(a)(1)(C)	141.622(a)(1)(iii)	Added the definite article “the”
611.972(a)(1)(D)	141.622(a)(1)(iv)	Added the definite article “the”; changed “State” to “Agency”; changed “under” to “pursuant to”
611.972(b)	141.622(b)	Changed “if you are a subpart H system serving > 3,300 people” to “a Subpart B system supplier that serves more than 3,300 people” and deleted the comma that offset it as an introductory clause; changed “your” to “its”; changed “State” to “Agency”; changed “you conduct your” to “it conducts its”; changed “under” to “pursuant to” (twice); changed “this subpart” to “this Subpart Y”; changed “your” to “the supplier’s”; changed “subpart U of this part” to “Subpart W of this Part”

611.972(c)	141.622(c)	Changed “after consultation with the State regarding the need for and the appropriateness of the changes” to “after consultation with the Agency regarding the need for and appropriateness of changes,” added “and issuance of a SEP pursuant to Section 611.110 that provides for the changes,” moved the entire clause to the beginning of the sentence, and added a comma to offset it as an introductory clause; changed “you may revise your” to “a supplier may revise its”; changed “State” to “Agency” (three times); changed “you change” to “the supplier changes”; changed “you” to “the supplier”; added “by a SEP pursuant to Section 611.110” offset by commas; changed “your” to “the supplier’s”; changed “you are a subpart H system serving > 3,300 people” to “a supplier is a Subpart B system supplier that serves more than 3,300 people”; changed “you . . . your” to “it . . . its”; changed “date you are” to “date when it is”
611.972 Board note	141.622	Added the citation to the federal source of the material
611.973(a)	141.623(a)	Changed “you” to “a supplier”; changed “the table in this paragraph (a)” to “the applicable of subsections (a)(1) through (a)(13) of this Section”; added “subject to the limitation of subsection (a)(14) of this Section” offset by commas; changed “≤0.040 mg/L” to “no more than 0.040 mg/l” (twice); changed “≤0.030 mg/L” to “no more than 0.030 mg/l”; changed “you” to “the supplier”; changed “under” to “pursuant to” (three times); changed “this subpart” to “this Subpart Y”; changed “subpart L of this part” to “Subpart I of this Part”; added “by a SEP pursuant to Section 611.110” offset by commas; changed “ground water” to “groundwater”; converted the tabulated material into standard subsection format

611.973(a)(1)	141.623(a) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type subpart H” to “a Subpart B system supplier”; changed “population size category <500” to “that serves fewer than 500 persons”; changed “distribution system monitoring location per monitoring period . . . monitoring may not be reduced” to “may not qualify for reduced monitoring”
611.973(a)(2)	141.623(a) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type subpart H” to “a Subpart B system supplier”; changed “population size category 500-3,300” to “that serves 500 to 3,300 persons”; changed “monitoring frequency per year . . . distribution system monitoring location per monitoring period . . . 1 TTHM and 1 HAA5 sample: . . . at the same location and quarter” to “qualifies for reduced monitoring to a minimum of one TTHM sample collected annually . . . and one HAA5 sample collected annually from the location and during the quarter . . . at the same location and during the same quarter”

611.973(a)(3)	141.623(a) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type subpart H” to “a Subpart B system supplier”; changed “population size category 3,301-9,999” to “that serves 3,301 to 9,999 persons”; changed “monitoring frequency per year . . . distribution system monitoring location per monitoring period . . . 2 dual sample sets: . . . at the location and during the quarter with the highest HAA5 single measurement” to “qualifies for reduced monitoring to a minimum of one dual sample set collected annually . . . and one dual sample set collected annually for HAA5 from the location and during the quarter with the highest single HAA5 measurement”
611.973(a)(4)	141.623(a) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type subpart H” to “a Subpart B system supplier”; changed “population size category 10,000-49,999” to “that serves 10,000 to 49,999 persons”; changed “monitoring frequency per quarter . . . distribution system monitoring location per monitoring period . . . 2 dual sample sets at the locations with the highest TTHM and HAA5 LRAAs” to “qualifies for reduced monitoring to a minimum of two dual sample sets collected quarterly from the locations with the highest TTHM and highest HAA5 LRAAs”

611.973(a)(5)	141.623(a) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type subpart H” to “a Subpart B system supplier”; changed “population size category 50,000-249,999” to “that serves 50,000 to 249,999 persons”; changed “monitoring frequency per quarter . . . distribution system monitoring location per monitoring period . . . 4 dual sample sets—at the locations with the two highest TTHM and two highest HAA5 LRAAs” to “qualifies for reduced monitoring to a minimum of four dual sample sets collected quarterly from the locations with the two highest TTHM and two highest HAA5 LRAAs”
611.973(a)(6)	141.623(a) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type subpart H” to “a Subpart B system supplier”; changed “population size category 250,000-999,999” to “that serves 250,000 to 999,999 persons”; changed “monitoring frequency per quarter . . . distribution system monitoring location per monitoring period . . . 6 dual sample sets—at the locations with the three highest TTHM and three highest HAA5 LRAAs” to “qualifies for reduced monitoring to a minimum of six dual sample sets collected quarterly from the locations with the three highest TTHM and three highest HAA5 LRAAs”



611.973(a)(7)	141.623(a) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type subpart H” to “a Subpart B system supplier”; changed “population size category 1,000,000-4,999,999” to “that serves 1,000,000 to 4,999,999 persons”; changed “monitoring frequency per quarter . . . distribution system monitoring location per monitoring period . . . 8 dual sample sets—at the locations with the four highest TTHM and four highest HAA5 LRAAs” to “qualifies for reduced monitoring to a minimum of eight dual sample sets collected quarterly from the locations with the four highest TTHM and four highest HAA5 LRAAs”
611.973(a)(8)	141.623(a) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type subpart H” to “a Subpart B system supplier”; changed “population size category $\geq 5,000,000$ ” to “that serves 5,000,000 or more persons”; changed “monitoring frequency per quarter . . . distribution system monitoring location per monitoring period . . . 10 dual sample sets—at the locations with the five highest TTHM and five highest HAA5 LRAAs” to “qualifies for reduced monitoring to a minimum of 10 dual sample sets collected quarterly from the locations with the five highest TTHM and five highest HAA5 LRAAs”

611.973(a)(9)	141.623(a) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type ground water” to “a groundwater system supplier”; changed “population size category <500” to “that serves fewer than 500 persons”; changed “monitoring frequency every third year . . . distribution system monitoring location per monitoring period . . . 1 TTHM and 1 HAA5 sample: . . . at the same location and quarter” to “qualifies for reduced monitoring to a minimum of one TTHM sample collected triennially from the location and during the quarter . . . and one HAA5 sample collected triennially from the location and during the quarter . . . with the two samples collected as one dual sample set if . . . during the same quarter”
611.973(a)(10)	141.623(a) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type ground water” to “a groundwater system supplier”; changed “population size category 500-9,999” to “that serves 500 to 9,999 persons”; changed “monitoring frequency per year . . . distribution system monitoring location per monitoring period . . . 1 TTHM and 1 HAA5 sample: . . . at the same location and quarter” to “qualifies for reduced monitoring to a minimum of one TTHM sample collected annually from the location and during the quarter . . . and one HAA5 sample collected annually from the location and during the quarter . . . with the two samples collected as one dual sample set if . . . during the same quarter”

611.973(a)(11)	141.623(a) table	<p>Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type ground water” to “a groundwater system supplier”; changed “population size category 10,000-99,999” to “that serves 10,000 to 99,999 persons”; changed “monitoring frequency per year . . . distribution system monitoring location per monitoring period . . . 2 dual sample sets: one at the location and during the quarter with the highest TTHM single measurement, one at the location and during the quarter with the highest HAA5 single measurement” to “qualifies for reduced monitoring to a minimum of one TTHM dual sample set collected annually from the location and during the quarter with the highest single TTHM measurement and one HAA5 sample set collected annually from the location and during the quarter with the highest single HAA5 measurement”</p>
611.973(a)(12)	141.623(a) table	<p>Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type ground water” to “a groundwater system supplier”; changed “population size category 100,000-499,999” to “that serves 100,000 to 499,999 persons”; changed “monitoring frequency per quarter . . . distribution system monitoring location per monitoring period . . . 2 dual sample sets; at the locations with the highest TTHM and highest HAA5 LRAAs” to “qualifies for reduced monitoring to a minimum of two dual sample sets collected quarterly from the locations with the highest TTHM and highest HAA5 LRAAs”</p>

611.973(a)(13)	141.623(a) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “source water type ground water” to “a groundwater system supplier”; changed “population size category $\geq 5,000,000$ ” to “that serves 5,000,000 or more persons”; changed “monitoring frequency per quarter . . . distribution system monitoring location per monitoring period . . . 4 dual sample sets at the locations with the two highest TTHM and two highest HAA5 LRAAs” to “qualifies for reduced monitoring to a minimum of four dual sample sets collected quarterly from the locations with the two highest TTHM and two highest HAA5 LRAAs”
611.973(a)(14)	141.623(a) table, note 1	Added the subsection designation to convert the footnote material into standard subsection format
611.973(b)	141.623(b)	Changed “you” to “a supplier”; changed “ $\leq 0.040$ mg/L” to “does not exceed 0.040 mg/l” (twice); changed “ $\leq 0.030$ mg/L” to “does not exceed 0.030 mg/l” (twice); changed “systems” to “a supplier” (twice); changed “ must be $\leq 4.0$ mg/L” to “must not exceed 4.0 mg/l”; changed “ground water” to “groundwater”
611.973(c)	141.623(b)	Changed “State” to “Agency”; changed “you” to “a supplier”; added “by a SEP issued pursuant to Section 611.110”
611.973 Board note	141.623	Added the citation to the federal source of the material
611.974	141.624	Changed “you have” to “a supplier has”; changed “that” to “which” for a restrictive relative clause; added the definite article “the” before “analytical”; changed “unless required” to “unless the supplier is required to comply”; changed “State” to “Agency”; added “the supplier must” before “report”; changed “under” to “pursuant to”
611.974 Board note	141.624	Added the citation to the federal source of the material

611.975(a)	141.625(a)	Changed “you are . . . you” to “a supplier is . . . it”; changed “under” to “pursuant to”; changed “is >0.080 mg/L” to “exceeds 0.080 mg/l”; corrected “a HAA5 sample” to “an HAA5 sample”; changed “is >0.060 mg/L” to “exceeds 0.060 mg/l”
611.975(b)	141.625(b)	Changed “you are” to “a supplier is” (twice); changed “subpart V” to “Subpart Y”; changed “changed “you fail” to “it fails”
611.975(c)	141.625(c)	Changed “you . . . you have” to “a supplier . . . it has”; added a comma before “and the LRAA” for an independent clause; changed “is ≤0.060 mg/L for TTHM and ≤0.045 mg/L for HAA5” to “does not exceed 0.060 mg/l for TTHM and 0.045 mg/l for HAA5”
611.975 Board note	141.625	Added the citation to the federal source of the material
611.976(a)	141.626(a)	Changed “you have” to “a supplier has”; changed numeric “4” to written “four” (twice); changed “mg/L” to “mg/l” (twice)
611.976(b)	141.626(b)	Added “effects of exceeding the operational evaluation level” as the topical heading
611.976(b)(1)	141.626(b)(1)	Changed “you exceed . . . you . . . you” to “a supplier exceeds . . . the supplier . . . it”; changed “State” to “Agency”
611.976(b)(2)	141.626(b)(2)	Changed “your” to “the supplier’s”
611.976(b)(2)(A)	141.626(b)(2)(i)	Changed “you” to “a supplier”; changed “State” to “Agency”; changed “you . . . your” to “the supplier . . . its”; changed you are” to “the supplier is”; corrected the spelling of “exceedance” to “exceedence”
611.976(b)(2)(B)	141.626(b)(2)(ii)	Changed “your” to “a supplier’s”; changed “State” to “Agency”; added a comma before and changed “ and you” to “and the supplier” for an independent clause
611.976 Board note	141.626	Added the citation to the federal source of the material
611.977 heading	141.627 heading	Changed “Subpart L” to “Subpart I”

611.977 preamble	141.627	Changed “you” to “a supplier”; added “applicable” before “dates”; changed “this subpart” to “this Subpart Y”; changed “you” to “the supplier”; added “fulfills each of the requirements . . . of this Section”; added the ending period; divided the substantive options into separate subsections
611.977(a)	141.627	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “you qualify” to “the supplier qualifies”; changed “under” to “pursuant to” (twice); changed “you have” to “it has”; added the ending period
611.977(b)	141.627	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “you meet” to “the supplier meets”; added “set forth” before “in”; changed the ending period to a semicolon
611.977(c)	141.627(c)	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “you do” to “the supplier does”; changed “subpart L of this part” to “Subpart I of this Part”; changed the ending period to a semicolon
611.977(d)	141.627(d)	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “your” to “the supplier’s”; changed “under” to “pursuant to” (twice); changed “this subpart” to “this Subpart Y” (twice); changed “subpart L of this part” to “Subpart I of this Part”; changed “your” to “its”; changed “you” to “the supplier”; changed “for compliance” to “for the purposes of compliance”
611.977 Board note	141.627	Added the citation to the federal source of the material
611.978 heading	141.628 heading	Changed “Subpart L” to “Subpart I”

611.978	141.628	Changed “you were . . . you” to “a supplier was . . . it”; changed “under” to “pursuant to” (five times); changed “you qualify” to “it qualifies”; changed “you” to “the supplier”; added “applicable” before “date”; changed “this subpart” to “this Subpart Y”; added a comma before and changed “and remain” to “and it must remain” for an independent clause; changed “you qualify” to “the supplier qualifies”
611.978 Board note	141.628	Added the citation to the federal source of the material
611.979(a)(1)	141.979(a)(1)	Changed “you” to “a supplier”; changed “State” to “Agency”; changed “within 10 days of” to “within 10 days after”; moved “to the Agency . . . is required” from the end to follow “information”
611.979(a)(1)(A)	141.979(a)(1)(i)	Added the definite article “the”; changed the ending period to a semicolon
611.979(a)(1)(B)	141.979(a)(1)(ii)	Added the definite article “the”; changed the ending period to a semicolon
611.979(a)(1)(C)	141.979(a)(1)(iii)	Added the definite article “the”; changed “you” to “the supplier”; changed “State” to “Agency”; changed “you are” to “the supplier is” (twice); changed “you” to “it”; changed “under” to “pursuant to”; changed the ending period to a semicolon
611.979(a)(1)(D)	141.979(a)(1)(iv)	Added “a statement” before “whether”; changed “this subpart” to “this Subpart Y”; changed the ending period to a semicolon and added the ending conjunction “and”
611.979(a)(2)	141.979(a)(2)	Changed “you are a subpart H system seeking” to “a supplier is a Subpart B system supplier that seeks”; changed “TTHM/HAA5” to “TTHM and HAA5”; changed “you” to “it”; changed “ground water” to “groundwater”; changed “State” to “Agency”; changed “within 10 days of” to “within 10 days after”
611.979(a)(2)(A)	141.979(a)(2)(i)	Changed the ending period to a semicolon
611.979(a)(2)(B)	141.979(a)(2)(ii)	Changed the ending period to a semicolon

611.979(a)(2)(C)	141.979(a)(2)(iii)	Added the definite article “the” before “last quarter”; changed the ending period to a semicolon
611.979(a)(2)(D)	141.979(a)(2)(iv)	Changed the ending period to a semicolon and added the ending conjunction “and”
611.979(a)(2)(E)	141.979(a)(2)(v)	Changed “mg/L” to “mg/ℓ”
611.979(a)(3)	141.979(a)(3)	Changed “State” to “Agency”; added “by a SEP issued pursuant to Section 611.110” offset by commas; added “pursuant to this Section; added the ending period
611.979(b)	141.629(b)	Changed “you” to “a supplier”; changed “subpart V” to “Subpart Y” (twice); changed “your” to “the supplier’s”
611.979 Board note	141.629	Added the citation to the federal source of the material
611.Subpart Z heading	141, subpart W heading	Changed “W” to “Z”; capitalized the heading
611.1000(a)	141.700(a)	Changed “subpart W” to “Subpart Z” (twice); changed “national primary drinking water regulations” to the defined definition “NPDWRs”; changed “subparts H, P, and T of this part” to “Subparts B, R, and X of this Part”
611.1000(b)	141.700(b)	Changed “subpart W” to “Subpart Z”; changed “subpart H” to “Subpart B”; changed “public water systems” to the defined definition “PWSs” (twice); changed “ground water” to “groundwater”
611.1000(b)(1)	141.700(b)(1)	Changed “wholesale systems” to singular “a wholesale system supplier”; changed “this subpart” to “this Subpart Z”
611.1000(b)(2)	141.700(b)(2)	Changed “this subpart” to “this Subpart Z”; changed “filtered systems” to “filtered system suppliers”; changed “systems” to singular “a supplier”; changed “National Primary Drinking Water Regulations” to the defined definition “NPDWRs”; changed “system” to “supplier”



611.1000(b)(3)	141.700(b)(3)	Changed “this subpart” to “this Subpart Z”; changed “unfiltered systems” to singular “an unfiltered system supplier” (twice); changed “timely met and continues to meet” to “timely met and has continued to meet”; changed “subparts H, P, and T of this part” to “Subparts B, R, and X of this Part”
611.1000(c)	141.700(c)	Changed “systems” to singular “a supplier”; changed “this subpart” to “this Subparts Z”
611.1000(c)(1)	141.700(c)(1)	Changed “systems” to singular “the supplier”; changed “GWUDI” to “groundwater under the direct influence of surface water”; changed “they” to singular “the supplier”
611.1000(c)(2)	141.700(c)(2)	Changed “systems that plan . . . their” to singular “a supplier . . . its”
611.1000(c)(3)	141.700(c)(3)	Changed “filtered systems . . . their” to singular “a filtered system supplier . . . its”; changed “unfiltered systems” to singular “an unfiltered system supplier”; changed “filtered and unfiltered systems” to singular “a filtered or unfiltered system supplier”
611.1000(c)(4)	141.700(c)(4)	Changed “systems with” to singular “a supplier whose system has”
611.1000(c)(5)	141.700(c)(5)	Changed “systems” to singular “a supplier”
611.1000(c)(6)	141.700(c)(6)	Changed “systems” to singular “the supplier”; corrected “§ 141.721 through 141.722” to “Sections 611.1021 and 611.1022”
611.1000(c)(7)	141.700(c)(7)	Changed “systems” to singular “the supplier”; changed “EPA” to “USEPA or the Agency”
611.1000 Board note	141.700	Added the citation to the federal source of the material
611.1001 heading	141.701 heading	Added the federal subheading “Source Water Monitoring Requirements” to the Section heading, offset by a colon
611.1001(a)	141.701(a)	Changed “systems” to singular “a supplier”; added a comma before “unless” to offset the parenthetical; changed “they meet” to singular to “it meets”

611.1001(a)(1)	141.701(a)(1)	Changed “filtered systems serving at least 10,000 . . . their” to singular “a filtered system supplier that serves 10,000 or more . . . its”
611.1001(a)(2)	141.701(a)(2)	Changed “unfiltered systems serving at least 10,000 . . . their” to singular “an unfiltered system supplier that serves 10,000 or more . . . its”
611.1001(a)(3)	141.701(a)(3)	Added “smaller system suppliers monitoring for E. coli” as the topical heading
611.1001(a)(3)(A)	141.701(a)(3)(i)	Changed “filtered systems serving . . . their” to singular “a filtered system supplier that serves . . . its”
611.1001(a)(3)(B)	141.701(a)(3)(ii)	Changed “a filtered system serving” to “a filtered system supplier that serves”; changed “State” to “Agency” (twice); changed numeric “3” to written “three”; added “before which” after “the date”; changed “under” to “pursuant to”
611.1001(a)(4)	141.701(a)(4)	Added “smaller system suppliers monitoring for Cryptosporidium” as a counterpoint to the previous subsection and its topical heading; changed “filtered systems serving . . . their” to singular “a filtered system supplier that serves . . . its”; changed “they meet” to “it meets”; changed “one of the following” to “any of the conditions set forth in subsections (a)(4)(A) through (a)(4)(C) of this Section, subject to the limitations of subsection (a)(4)(D) of this Section”; changed “under” to “pursuant to”; changed the ending colon to a period
611.1001(a)(4)(A)	141.701(a)(4)(i)	Changed “systems using” to singular “a supplier that uses”; changed “lake/reservoir sources” to singular “a lake or reservoir source”
611.1001(a)(4)(B)	141.701(a)(4)(ii)	Changed “systems using flowing stream sources” to singular “a supplier that uses a flowing stream source”; changed “mL” to “mℓ”
611.1001(a)(4)(C)	141.701(a)(4)(iii)	Changed “system” to “supplier”

611.1001(a)(4)(D)	141.701(a)(4)(iv)	Changed “systems using” to singular “a supplier that uses”; changed “ground water” to “groundwater”; changed “systems using” to “a supplier that uses”; changed “lake/reservoir sources” to singular “a lake or reservoir source”
611.1001(a)(5)	141.701(a)(5)	Changed “filtered systems serving” to singular “a filtered system supplier that serves”; changed “State” to “Agency” (three times); added “by a SEP issued pursuant to Section 611.110” offset by commas; changed “system” to “supplier”; added a comma before and changed “and must” to “and it must” for an independent clause; changed “State’s” to “Agency’s”; changed “and/or” to “or”
611.1001(a)(6)	141.701(a)(6)	Changed “unfiltered systems serving . . . their” to singular “an unfiltered system supplier that serves. . . its”
611.1001(a)(7)	141.701(a)(7)	Changed “systems” to singular “a filtered system supplier that serves”; changed “under this section” to “by this Section”
611.1001(b)	141.701(b)	Changed “systems . . . they meet” to singular “a supplier . . . it meets”; changed “schedule in” to “schedule set forth in”
611.1001(c)	141.701(c)	Changed “systems” to singular “a supplier”; changed “this table” to “subsections (c)(1) through (c)(5) of this Section”; converted the tabulated material into standard subsection format
611.1001(c)(1)	141.701(c) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “systems that serve at least 100,000 people” to singular “a supplier that serves 100,000 persons or more”; added a comma before “and it must”
611.1001(c)(2)	141.701(c) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “systems that serve 50,000 to 99,999 people” to singular “a supplier that serves 50,000 to 99,999 persons”; added a comma before “and it must”

611.1001(c)(3)	141.701(c) table	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “systems that serve 10,000 to 49,999 people” to singular “a supplier that serves 10,000 to 49,999 persons”; added a comma before “and it must”
611.1001(c)(4)	141.701(c) table & note a	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “systems that serve fewer than 10,000 people . . . that monitor” to singular “a supplier that serves fewer than 10,000 persons . . . which monitors”; added the footnote material, changing “applies only to filtered systems” to “that is a filtered system supplier” offset by commas; added a comma before “and it must”
611.1001(c)(5)	141.701(c) table & note b	Added the subsection designation to convert the line of tabulated material into standard subsection format; changed “systems that serve fewer than 10,000 people . . . that monitor” to singular “a supplier that serves fewer than 10,000 persons . . . which monitors”; added the footnote material, changing “applies to filtered systems that meet the conditions of paragraph (a)(4) of this section and unfiltered systems” to “that is an unfiltered system supplier, or that is a filtered system supplier which meets the conditions of subsection (a)(4) of this Section” offset by commas; added a comma after “Cryptosporidium” to completely offset the parenthetical; added a comma before “and it must”
611.1001(d)(1)	141.701(d)(1)	Changed “filtered systems are” to singular “a filtered system supplier is”; changed “under” to “pursuant to”
611.1001(d)(2)	141.701(d)(2)	Changed “unfiltered systems are” to singular “an unfiltered system supplier is”; changed “under” to “pursuant to”; changed “unfiltered systems” to singular “an unfiltered system supplier”; changed “oocytes /L” to “oocytes/ℓ”

611.1001(d)(3)	141.701(d)(3)	Changed “system . . . the system” to “supplier . . . it”; changed “treatment in” to “treatment set forth in”; changed “paragraph (d)(1) or (2)” to “subsection (d)(1) or (d)(2)”; changed “State” to “Agency” (twice); changed “the date” to “the date on which”; changed “under” to “pursuant to”; changed “system” to “supplier”; changed “systems” to singular “the supplier”; changed “by the . . . date in” to “before the . . . date set forth in”
611.1001(e)	141.701(e)	Changed “systems with subpart H plants that operate” to singular “a supplier that has a Subpart B plant that operates”; changed “this subpart” to “this Subpart Z”
611.1001(e)(1)	141.701(e)(1)	Changed “systems . . . their” to singular “a supplier . . . its”; added a comma before “unless” to offset the parenthetical; changed “State” to “Agency”; added “by a SEP issued pursuant to Section 611.110” offset by commas
611.1001(e)(2)	141.701(e)(2)	Changed “systems . . . that monitor” to singular “a supplier . . . that monitors”; added “during which” after “period”
611.1001(f)	141.701(f)	Added “new sources and new systems” as the topical heading
611.1001(f)(1)	141.701(f)(1)	Changed “system” to “supplier” (three times); changed “GWUDI” to “groundwater under the direct influence of surface water”; changed “the State approves” to “that the Agency has approved by a SEP issued pursuant to Section 611.110” (twice); changed “this subpart” to “this Subpart Z”
611.1001(f)(2)	141.701(f)(2)	Changed “subpart H systems that begin” to singular “a Subpart B system supplier that begins”; changed “the monitoring start date in” to “the applicable monitoring start date set forth in”
611.1001(f)(3)	141.701(f)(3)	Changed “system” to singular “supplier”; changed numeric “6” to written “six”; changed “under” to “pursuant to” (twice)

611.1001(h)	141.701(h)	Changed “systems” to singular “a supplier”; changed “under” to “pursuant to”; changed “requirements in” to “requirements set forth in”
611.1001 Board note	141.701	Added the citation to the federal source of the material
611.1002 heading	141.702 heading	Added the federal subheading “Source Water Monitoring Requirements” to the Section heading, offset by a colon
611.1002(a)	141.702(a)	Changed “systems” to singular “a supplier”; changed “under” to “pursuant to”; changed “dates when the system” to “the dates on which it”
611.1002(a)(1)	141.702(a)(1)	Changed “systems” to singular “the supplier”; changed numeric “3” to written “three”
611.1002(a)(2)	141.702(a)(2)	Added “submission of the sampling schedule to USEPA” as the topical heading
611.1002(a)(2)(A)	141.702(a)(1)(i)	Changed “systems serving at least 10,000 . . . their” to “a supplier that serves 10,000 or more . . . its”; changed “under” to “pursuant to”; changed “EPA” to “USEPA”
611.1002(a)(2)(B)	141.702(a)(1)(ii)	Changed “system” to “supplier” (twice); changed “EPA” to “USEPA”
611.1002(a)(3)	141.702(a)(3)	Changed “systems serving . . . their” to singular “a supplier that serves . . . its”; changed “to the State” to “to the Agency” and moved it from the end to follow “must submit”
611.1002(a)(4)	141.702(a)(4)	Changed “systems” to singular “a supplier”; changed “to the State” to “to the Agency” and moved it from the end to follow “must submit”; added “required by” before “Section 611.1001(b)”
611.1002(a)(5)	141.702(a)(5)	Changed “EPA” to “USEPA”; changed “State” to “Agency”; changed “system” to “supplier” (twice)
611.1002(b)	141.702(b)	Changed “systems . . . their” to singular “a supplier . . . its”

611.1002(b)(1)	141.702(b)(1)	Changed “or that” to “or one that”; changed “that” to “which” for a subsequent restrictive relative clause”; changed “system” to “supplier” (three times); changed “State” to “Agency” (twice); added “by a SEP issued pursuant to Section 611.110”
611.1002(b)(2)	141.702(b)(2)	Added “submission of the sampling schedule to USEPA” as the topical heading
611.1002(b)(2)(A)	141.702(b)(2)(i)	Changed “system” to “supplier” (twice); changed the commas to semicolons to separate the elements of a series that includes a parenthetical offset by a comma (twice)
611.1002(b)(2)(A)	141.702(b)(2)(ii)	Changed “system” to “supplier” (three times); added a comma before “unless” to offset the parenthetical; changed “State” to “Agency” (twice); added “by a SEP issued pursuant to Section 611.110”
611.1002(c)	141.702(c)	Changed “systems that fail . . . their . . . schedule” to “a supplier that fails . . . its . . . schedule”; changed “under” to “pursuant to”; changed “State” to “Agency”; changed “systems” to “a supplier”; changed “prior to when the system begins collecting” to “prior to collecting”
611.1002 Board note	141.702	Added the citation to the federal source of the material
611.1003 heading	141.703 heading	Added the federal subheading “Source Water Monitoring Requirements” to the Section heading, offset by a colon
611.1003(a)	141.703(a)	Changed “systems” to singular “a supplier”; changed “under” to “pursuant to”; changed “State” to “Agency”; added “by a SEP issued pursuant to Section 611.110” offset by commas; changed “all plants” to “all of the plants”
611.1003(b)	141.703(b)	Added “source water sampling” as the topical heading
611.1003(b)(1)	141.703(b)(1)	Changed “systems” to singular “a supplier”; added a comma after “oxidants” to offset the final element of a series; changed “system” to “supplier”

611.1003(b)(2)	141.703(b)(2)	Changed “State” to “Agency” (twice); added “by a SEP issued pursuant to Section 611.110” offset by commas; changed “system” to “supplier” (twice)
611.1003(c)	141.703(c)	Changed “systems that recycle” to singular “a supplier that recycles”
611.1003(d)(1)	141.703(d)(1)	Changed “systems that receive” to singular “a supplier that receives”; changed “under” to “pursuant to”
611.1003(d)(2)	141.703(d)(2)	Changed “systems that use” to singular “a supplier that uses”; added the definite article “the” before “use”; changed “systems” to singular “a supplier”; changed “under” to “pursuant to”
611.1003(e)	141.703(e)	Changed “systems” to singular “a supplier”; changed “ground water” to “groundwater”; changed “paragraphs (e)(1) or (2)” to “subsections (e)(1) or (e)(2)”
611.1003(e)(1)	141.703(e)(1)	Changed “systems” to singular “the supplier”
611.1003(e)(2)	141.703(e)(2)	Changed “systems” to singular “the supplier”; added a comma before and changed “and must” to “and it must” to create an independent clause; changed “paragraphs (e)(2)(i) or (ii) of this section” to “of the following procedures”; changed the ending period to a colon
611.1003(e)(2)(A)	141.703(e)(2)(i)	Changed “systems” to singular “the supplier”; changed the ending period to a semicolon and added the ending conjunction “or”
611.1003(e)(2)(B)	141.703(e)(2)(ii)	Changed “systems” to singular “the supplier”; changed the ending period to a semicolon and added the ending conjunction “or”
611.1003(f)	141.703(f)	Changed “systems . . . their sampling locations” to singular “a supplier . . . its sampling locations”; changed “State” to “Agency” (twice); changed “under” to “pursuant to”; changed “system’s” to “supplier’s”; changed “source(s)” to “sources”; changed “system” to “supplier”; changed “location(s)” to “locations” (twice)



611.1003 Board note	141.703	Added the citation to the federal source of the material
611.1004 heading	141.704 heading	Added the federal subheading “Source Water Monitoring Requirements” to the Section heading, offset by a colon
611.1004(a)	141.704(a)	Changed “systems” to singular “a supplier”; changed “Method 1623: Cryptosporidium and Giardia . . . EPA-815-R-05-002” to “USEPA Method 1623 (05)”; changed “Method 1622: Cryptosporidium in Water . . . EPA-815-R-05-001” to “USEPA Method 1622 (05)”; changed the federal incorporation by reference language to “incorporated by reference in Section 611.102”
611.1004(a)(1)	141.704(a)(1)	Changed “systems” to singular “the supplier”; changed “L” to “l” (twice); changed “mL” to “ml” (twice); changed “systems” to singular “a supplier”; changed “EPA” to “USEPA”
611.1004(a)(2)	141.704(a)(2)	Added “matrix spike (MS) samples” as the topical heading
611.1004(a)(2)(A)	141.704(a)(2)(i)	Changed “matrix spike (MS)” to “MS”; changed “under” to “pursuant to”
611.1004(a)(2)(B)	141.704(a)(2)(ii)	Changed “L” to “l” (four times); changed “system” to “supplier”
611.1004(a)(3)	141.704(a)(3)	Removed the unnecessary parenthetical abbreviation “(OPR)”
611.1004(b)	141.704(b)	Changed “systems” to singular “a supplier”; changed “§ 136.3(a)” to “40 C.F.R. 136.3(a)”; added “incorporated by reference in Section 611.102” offset by a comma
611.1004(b)(1)	141.704(b)(1)	Added a comma before “unless” to offset the parenthetical; changed “system” to “supplier”

611.1004(b)(2)	141.704(b)(2)	Changed “State” to “Agency”; added “by a SEP issued pursuant to Section 611.110” offset by commas; changed “the State” to “it”; changed “Colilert” to the defined method title “Autoanalysis Colilert System”; changed “Standard Method 9223B” to “Standard Methods, 18th, 19th, or 20th ed., Method 9223”; added a comma before “as listed in” to offset the parenthetical; changed “§ 136.3(a)” to “40 C.F.R. 136.3(a)”; added “incorporated by reference in Section 611.102” offset by a comma
611.1004(b)(3)	141.704(b)(3)	Changed “systems” to singular “a supplier”; added “the temperature of its” before “its samples”
611.1004(c)	141.704(c)	Changed “systems” to singular “a supplier”
611.1004 Board note	141.704	Added the citation to the federal source of the material
611.1005 heading	141.705 heading	Added the federal subheading “Source Water Monitoring Requirements” to the Section heading, offset by a colon
611.1005(a)	141.705(a)	Changed “systems” to singular “a supplier”; changed “EPA’s” to “USEPA’s”; changed “an equivalent State laboratory certification program” to “the Agency”
611.1005(b)	141.705(b)	Changed “EPA” to “USEPA”; added “by” before “the National Environmental . . . Conference”; added a comma after “Conference” to offset the final element of a series; added “by” before “the Agency”; changed “State” to “Agency”; changed “under” to “pursuant to” (twice); changed “this subpart” to “the Subpart Z”; added “the purposes of” after “for”
611.1005(c)	141.705(c)	Changed “State” to “Agency”
611.1005 Board note	141.705	Added the citation to the federal source of the material
611.1006 heading	141.706 heading	Added the federal subheading “Source Water Monitoring Requirements” to the Section heading, offset by a colon

611.1006(a)	141.706(a)	Changed “systems” to singular “a supplier”; changed “under” to “pursuant to”
611.1006(b)	141.706(b)	Added “submission of analytical results to USEPA” as the topical heading
611.1006(b)(1)	141.706(b)(1)	Changed “all systems serving” to singular “a supplier that serves”; changed “under” to “pursuant to”; changed “EPA” to “USEPA”
611.1006(b)(2)	141.706(b)(2)	Changed “system” to singular “supplier” (twice); changed “EPA” to “USEPA”
611.1006(c)	141.706(c)	Changed “systems serving” to singular “a supplier that serves”; changed “under” to “pursuant to”; changed “State” to “Agency”
611.1006(d)	141.706(d)	Changed “all systems” to singular “a supplier”; changed “under” to “pursuant to”; changed “State” to “Agency”
611.1006(e)	141.706(e)	Changed “systems” to singular “a supplier”; changed “paragraphs (e)(1) and (2)” to “subsections (e)(1) and (e)(2)”; changed “under” to “pursuant to”; changed “State” to “Agency”
611.1006(e)(1)	141.706(e)(1)	Changed “systems” to singular “a supplier”; changed “the following data elements” to “the data elements set forth in subsection (e)(1)(D) of this Section”; changed the ending colon to a period; changed the tabulated material into standard subsection format
611.1006(e)(1)(A)	141.706(e)(1)(i)	Changed “systems” to singular “a supplier”
611.1006(e)(1)(B)	141.706(e)(1)(ii)	Changed “L” to “ℓ”; changed “systems” to singular “the supplier”
611.1006(e)(1)(C)	141.706(e)(1)(ii)	Changed “systems” to singular “a supplier”
611.1006(e)(1)(D)	141.706(e)(1) table	Added the subsection designation to accommodate the tabulated material
611.1006(e)(1)(D)(i)	141.706(e)(1) table	Added the subsection designation to accommodate the tabulated material; added the definite article “the”; added the ending semicolon

611.1006(e)(1)(D)(ii)	141.706(e)(1) table	Added the subsection designation to accommodate the tabulated material; added the definite article “the”; added the ending semicolon
611.1006(e)(1)(D)(iii)	141.706(e)(1) table	Added the subsection designation to accommodate the tabulated material; added the definite article “the”; added the ending semicolon
611.1006(e)(1)(D)(iv)	141.706(e)(1) table	Added the subsection designation to accommodate the tabulated material; added the definite article “the”; added the ending semicolon
611.1006(e)(1)(D)(v)	141.706(e)(1) table	Added the subsection designation to accommodate the tabulated material; added the definite article “the”; changed “L” to “ℓ” (twice); added the ending semicolon
611.1006(e)(1)(D)(vi)	141.706(e)(1) table	Added the subsection designation to accommodate the tabulated material; added the definite article “the”; changed “was 100% of filtered volume examined” to “whether 100 percent of the filtered volume was examined”; added the ending semicolon and the ending conjunction “and”
611.1006(e)(1)(D)(vii)	141.706(e)(1) table	Added the subsection designation to accommodate the tabulated material; added the definite article “the”
611.1006(e)(1)(D) Board note	141.706(e)(1)	Added an explanation of the movement and reformatting of material
611.1006(e)(2)	141.706(e)(2)	Changed “systems” to singular “a supplier”; changed the tabulated material into standard subsection format
611.1006(e)(2)(A)	141.706(e)(2) table	Added the subsection designation to accommodate the tabulated material; added the definite article “the”; added the ending semicolon
611.1006(e)(2)(B)	141.706(e)(2) table	Added the subsection designation to accommodate the tabulated material; added the definite article “the”; added the ending semicolon
611.1006(e)(2)(C)	141.706(e)(2) table	Added the subsection designation to accommodate the tabulated material; added the definite article “the”; added the ending semicolon

611.1006(e)(2)(D)	141.706(e)(2) table	Added the subsection designation to accommodate the tabulated material; added the definite article “the”; added the ending semicolon
611.1006(e)(2)(E)	141.706(e)(2) table	Added the subsection designation to accommodate the tabulated material; added the definite article “the”; added the ending semicolon
611.1006(e)(2)(F)	141.706(e)(2) table	Added the subsection designation to accommodate the tabulated material; added the definite article “the”; changed “lake/reservoir” to “lake or reservoir”; added the ending semicolon
611.1006(e)(2)(G)	141.706(e)(2) table	Added the subsection designation to accommodate the tabulated material; added the definite article “the”; added the ending semicolon
611.1006(e)(2)(H)	141.706(e)(2) table	Added the subsection designation to accommodate the tabulated material; added the definite article “the”; changed “their” to singular “its”; added the ending semicolon
611.1006 Board note	141.706	Added the citation to the federal source of the material
611.1007 heading	141.707 heading	Added the federal subheading “Source Water Monitoring Requirements” to the Section heading, offset by a colon
611.1007(a)	141.707(a)	Added “submission of analytical results to USEPA” as the topical heading
611.1007(a)(1)	141.707(a)(1)	Changed “systems” to singular “a supplier”; changed “system” to “supplier”; changed “State” to “Agency”; added “the use of the date by a SEP issued pursuant to Section 611.110” after “approve”
611.1007(a)(2)	141.707(a)(2)	Changed “a filtered system” to “a filtered system supplier”; changed “system” to “supplier” (twice); changed “State” to “Agency”; changed “the system” to “it”; changed “under” to “pursuant to”
611.1007(b)	141.707(b)	Changed “§§ 141.704 through 141.705” to “Sections 611.1004 and 611.1005”

611.1007(c)(1)	141.707(c)(1)	Changed “the analytical methods in paragraphs (c)(1)(i) through (iv) of this section” to “the following analytical methods”; omitted the federal incorporation by reference and availability statements; replaced the ending period with a colon
611.1007(c)(1)(A)	141.707(c)(1)(i)	Changed “Method 1623: Cryptosporidium and Giardia . . . EPA-815-R-05-002” to “USEPA Method 1623 (05)”; added “incorporated by reference in Section 611.102” offset by comma; changed the ending period to a semicolon
611.1007(c)(1)(B)	141.707(c)(1)(ii)	Changed “Method 1622: Cryptosporidium in Water . . . EPA-815-R-05-001” to “USEPA Method 1622 (05)”; added “incorporated by reference in Section 611.102” offset by comma; changed the ending period to a semicolon
611.1007(c)(1)(C)	141.707(c)(1)(iii)	Changed “Method 1623: Cryptosporidium and Giardia . . . EPA-821-R-01-025” to “USEPA Method 1623 (01)”; added “incorporated by reference in Section 611.102” offset by comma; changed the ending period to a semicolon
611.1007(c)(1)(D)	141.707(c)(1)(iv)	Changed “Method 1622: Cryptosporidium in Water . . . EPA-821-R-01-026” to “USEPA Method 1622 (01)”; added “incorporated by reference in Section 611.102” offset by comma; changed the ending period to a semicolon
611.1007(c)(1)(E)	141.707(c)(1)(v)	Changed “Method 1623: Cryptosporidium and Giardia . . . EPA-821-R-99-006” to “USEPA Method 1623 (99)”; added “incorporated by reference in Section 611.102” offset by comma; changed the ending period to a semicolon and added the conjunction “or”
611.1007(c)(1)(F)	141.707(c)(1)(vi)	Changed “Method 1622: Cryptosporidium in Water . . . EPA-821-R-99-001” to “USEPA Method 1622 (99)”; added “incorporated by reference in Section 611.102” offset by comma; changed the ending period to a semicolon

611.1007(c)(2)	141.707(c)(2)	Changed “L” to “ℓ”; changed “mL” to “mℓ”; changed numeric “2” to written “two”; changed “EPA” to “USEPA”
611.1007(e)	141.707(e)	Changed “§ 141.702(b)(1) and (2)” to “Section 711.1002(b)(1) and (b)(2)”; changed “system” to “supplier”
611.1007(e)(1)	141.707(e)(1)	Changed “State” to “Agency” (twice); added “by a SEP issued pursuant to Section 611.110” offset by commas; changed “system” to “supplier”; changed “the State specifies” to “that the Agency as specified by a SEP issued pursuant to Section 611.110”
611.1007(e)(2)	141.707(e)(2)	Changed “systems” to singular “a supplier”; changed “systems” to singular “the supplier”; changed “filtered systems” to singular “a filtered system supplier”; changed “unfiltered systems” to singular “an unfiltered system supplier”
611.1007(f)	141.707(f)	Changed “systems that request” to singular “a supplier that requests”; changed “systems” to singular “a supplier”; changed “State” to “Agency”
611.1007(f)(1)	141.707(f)(1)	Changed “systems . . . they intend” to singular “a supplier . . . it intends”; changed “system” to “supplier” (twice); changed “systems” to singular “the supplier”; changed “State” to “Agency”; changed “the date the sampling schedule under” to “the applicable date set forth in”; removed the unnecessary words “is required” from the end
611.1007(f)(2)	141.707(f)(2)	Changed “systems” to singular “a supplier”; changed “paragraphs (f)(2)(i) through (iv) of this section” to “subsections (f)(2)(A) through (f)(2)(D) of this Section”
611.1007(f)(2)(A)	141.707(f)(2)(i)	Changed “systems” to singular “a supplier”

611.1007(f)(2)(B)	141.707(f)(2)(ii)	Changed “systems” to singular “a supplier”; changed “the system generated” to “that it generated”; changed “under” to “pursuant to”; changed “this subpart” to “this Subpart Z”; added “which were” before “not spiked”; added “which were” before “analyzed”
611.1007(f)(2)(C)	141.707(f)(2)(iii)	Changed “systems” to singular “a supplier”; changed “water(s)” to “waters” (twice); changed “systems” to singular “it”; changed “location(s)” to “locations”; changed “the system’s” to “its”; changed “source(s)” to “sources”
611.1007(f)(2)(D)	141.707(f)(2)(iv)	Changed the unnecessary abbreviation “IPR” to “initial precision and recovery”; changed the unnecessary abbreviation “OPR” to “ongoing precision and recovery”
611.1007(g)	141.707(g)	Changed “State” to “Agency” (four times); changed “system” to “supplier” (three times); added “by a SEP issued pursuant to Section 611.110” offset by commas (twice); changed “under” to “pursuant to”
611.1007(h)	141.707(h)	Changed “system” to “supplier”; changed “under” to “pursuant to”; added a comma before “and some”; changed “systems” to singular “the supplier”; changed “schedule the State approves” to “schedule that the Agency has approved by a SEP issued pursuant to Section 611.110”; changed “systems are” to singular “a supplier is”
611.1007 Board note	141.707	Added the citation to the federal source of the material
611.1008 heading	141.708 heading	Added the federal subheading “Disinfection Profiling and Benchmarking Requirements” to the Section heading, offset by a colon



611.1008(a)	141.708(a)	Changed “under” to “pursuant to”; changed “system” to “supplier” (twice); added a comma before “as described” to offset the parenthetical; changed “State” to “Agency”; added a comma before and changed “and must” to “and it must” for an independent clause; changed “the information in paragraphs (a)(1) through (3) of this section” to “the following information; changed the ending period to a colon
611.1008(a)(1)	141.708(a)(1)	Added a comma before “as described” to offset the parenthetical; changed the ending period to a semicolon
611.1008(a)(2)	141.708(a)(2)	Changed the ending period to a semicolon and added the ending conjunction “and”
611.1008(b)	141.708(b)	Changed “defined as follows” to “defined as any of the following”
611.1008(b)(2)	141.708(b)(2)	Changed “disinfectant(s)” to “disinfectants”
611.1008(b)(2)	141.708(b)(2)	Changed “State” to “Agency”; added “by a SEP issued pursuant to Section 611.110” offset by commas
611.1008 Board note	141.708	Added the citation to the federal source of the material
611.1009 heading	141.709 heading	Added the federal subheading “Disinfection Profiling and Benchmarking Requirements” to the Section heading, offset by a colon
611.1009(a)	141.709(a)	Changed “systems” to singular “a supplier” (three times); changed “under” to “pursuant to”; changed “systems” to singular “the supplier”; changed “systems monitor” to singular “the supplier monitors”; change; added “than weekly” after “less frequently”; changed “systems that operate” to singular “a system that operates”; changed “CT <sub>99.9</sub> values in Tables 1.1 through 1.6, 2.1 and 3.1 of § 141.74(b)” to “the applicable CT <sub>99.9</sub> values in Appendix B to this Part”; added “by a SEP issued pursuant to

611.1009(b)	141.709(b)	Changed “systems” to singular “a supplier” (three times); changed “paragraphs (b)(1) through (4) of this section” to “subsections (b)(1) through (b)(4) of this Section” (twice)
611.1009(b)(1)	141.709(b)(1)	Changed “systems” to singular “a supplier”; changed “State” to “Agency”; added “by a SEP issued pursuant to Section 611.110”
611.1009(b)(2)	141.709(b)(2)	Changed “systems” to singular “a supplier”; changed “State” to “Agency”; added “by a SEP issued pursuant to Section 611.110”
611.1009(b)(3)	141.709(b)(3)	Changed “time(s)” to “times”
611.1009(b)(4)	141.709(b)(4)	Changed “concentration(s)” to “concentrations”
611.1009(c)	141.709(c)	Changed “under” to “pursuant to”; changed “systems” to singular “a supplier”; changed “requirements of paragraphs (c)(1) or (2) of this section” to “following requirements”; changed the ending period to a colon
611.1009(c)(1)	141.709(c)(1)	Changed “systems that have” to singular “a supplier that has”; changed “under” to “pursuant to”; changed “system” to “supplier”; changed “systems” to singular “the supplier”
611.1009(c)(2)	141.709(c)(2)	Changed “systems” to singular “a supplier”; changed “profile(s)” to “profiles”; changed “under” to “pursuant to”; changed “system” to “supplier”; changed “systems” to singular “the supplier”; changed “systems that have” to singular “a system that has”
611.1009(d)	141.709(d)	Changed “systems” to singular “a supplier”; added a comma before “as specified” to offset the parenthetical
611.1009(d)(1)	141.709(d)(1)	Changed “systems” to singular “a supplier”; changed “methods in paragraphs (d)(1) through (3) of this section” to “following methods”; changed the ending period to a colon

611.1009(d)(1)(A)	141.709(d)(1)(i)	Added “it may”; changed “CTcalc/CT <sub>99.9</sub> ” to the defined abbreviation “Ai”; changed the ending period to a semicolon and added the conjunction “or”
611.1009(d)(1)(B)	141.709(d)(1)(ii)	Added “it may”; changed “CTcalc/CT <sub>99.9</sub> ” to the defined abbreviation “Ai” (three times); changed “system” to “supplier”; changed “(Σ CTcalc/CT <sub>99.9</sub> )” to “the total inactivation ratio (Σ Ai)”
611.1009(d)(2)	141.709(d)(2)	Changed “systems” to singular “a supplier”; added a comma before “as specified” to offset the parenthetical; changed “CTcalc/CT <sub>99.9</sub> ” to the defined abbreviation “Ai”; changed “system” to “supplier”; changed “(Σ CTcalc/CT <sub>99.9</sub> )” to the defined abbreviation “Σ Ai”
611.1009(d)(3)	141.709(d)(3)	Changed “system” to “supplier”
611.1009(d)(4)	141.709(d)(4)	Changed “systems” to singular “the supplier”; changed “State” to “Agency”; added “by regulation or by a SEP issued pursuant to Section 611.110”
611.1009(e)	141.709(e)	Changed “systems” to singular “the supplier”; changed “procedures in paragraphs (e)(1) through (3) of this section” to “following procedures”; changed the ending period to a colon
611.1009(e)(1)	141.709(e)(1)	Changed “under” to “pursuant to”; changed “systems” to singular “the supplier”; changed “systems” to singular “a supplier”
611.1009(e)(2)	141.709(e)(2)	Changed “systems” to singular “a supplier” (twice)
611.1009 Board note	141.709	Added the citation to the federal source of the material
611.1010 heading	141.710 heading	Added the federal subheading “Treatment Technique Requirements” to the Section heading, offset by a colon
611.1010(a)	141.710(a)	Changed “under” to “pursuant to” (twice); changed “filtered systems” to singular “a filtered system supplier”; changed “the procedures in paragraphs (b)(1) through (5) of this section” to “the appropriate of the procedures set forth in subsection (b) of this Section”

611.1010(b)	141.710(b)	Added “bin concentration calculation procedures” as the topical heading
611.1010(b)(1)	141.710(b)(1)	Changed “systems that collect” to singular “a supplier that collects”
611.1010(b)(2)	141.710(b)(2)	Changed “systems that collect” to singular “a supplier that collects”
611.1010(b)(3)	141.710(b)(3)	Changed “systems that serve . . . and monitor” to singular “a supplier that serves . . . and which monitors”
611.1010(b)(4)	141.710(b)(4)	Changed “systems . . . that monitor” to singular “a supplier . . . that monitors”; changed “under” to “pursuant to”
611.1010(b)(5)	141.710(b)(5)	Changed “systems” to singular “a supplier” (twice); changed “paragraphs (b)(1) through (4) of this section” to “subsections (b)(1) through (b)(4) of this Section”
611.1010(c)	141.710(c)	Changed “filtered systems . . . their” to singular “a filtered system supplier . . . its”; changed “from the following table” to “according to subsections (c)(1) through (c)(5), subject to the limitations of subsection (c)(6) of this Section,”; changed “under” to “pursuant to”; changed “paragraphs (a)-(b)” to “subsections (a) and (b)”; changed the ending colon to a period; changed the tabulated material into standard subsection format
611.1010(c)(1)	141.710(c) table	Added the subsection designation to accommodate the tabulated material; changed “systems that are” to singular “a supplier that is”; changed “under” to “pursuant to”; changed “with” to “and which has”; changed “Cryptosporidium <0.075 oocytes/L” to “less than 0.075 oocytes/l”; added the comma after “for a supplier . . . 0.075 oocytes/l” to offset the introductory clause”

611.1010(c)(2)	141.710(c) table	Added the subsection designation to accommodate the tabulated material; changed “systems that are” to singular “a supplier that is”; changed “under” to “pursuant to”; changed “with” to “and which has”; changed “0.075 oocytes/L ≤ Cryptosporidium < 1.0 oocytes/l” to “less than 0.075 oocytes/l, but less than 1.0 oocytes/l”; added the comma after “for a supplier . . . 1.0 oocytes/l” to offset the introductory clause”
611.1010(c)(3)	141.710(c) table	Added the subsection designation to accommodate the tabulated material; changed “systems that are” to singular “a supplier that is”; changed “under” to “pursuant to”; changed “with” to “and which has”; changed “1.0 oocytes/L ≤ Cryptosporidium < 3.0 oocytes/l” to “less than 0.075 oocytes/l, but less than 1.0 oocytes/l”; added the comma after “for a supplier . . . 3.0 oocytes/l” to offset the introductory clause”
611.1010(c)(4)	141.710(c) table	Added the subsection designation to accommodate the tabulated material; changed “systems that are” to singular “a supplier that is”; changed “under” to “pursuant to”; changed “with” to “and which has”; changed “Cryptosporidium ≥ 3.0 oocytes/l” to “3.0 oocytes/l or more”; added the comma after “for a supplier . . . 3.0 oocytes/l” to offset the introductory clause”
611.1010(c)(5)	141.710(c) table	Added the subsection designation to accommodate the tabulated material; changed “systems that are serving” to singular “a supplier that serves”; changed “and NOT required” to “which is not”; changed “under” to “pursuant to”; removed the column entry marked “NA”; added the comma after “for a supplier . . . Section 611.1001(a)(4)” to offset the introductory clause”

611.1010(c)(6)	141.710(c) table, note 1	Added the subsection designation to accommodate the footnote material; added “the Cryptosporidium concentration is”; added “the applicable of the” before “calculations”; changed “in” to “set forth in”
611.1010(d)	141.710(d)	Changed “under” to “pursuant to” (twice); changed “filtered systems . . . their” to singular “a filtered system supplier . . . its”; added “the applicable of” before “the procedures”; changed “paragraphs (b)(1) through (4) of this section” to “subsections (b)(1) through (b)(4) of this Section”; changed “systems . . . their” to singular “a supplier . . . its”
611.1010(e)	141.710(e)	Added “reporting bin classifications” as the topical heading
611.1010(e)(1)	141.710(e)(1)	Changed “filtered systems . . . their” to singular “a filtered system supplier . . . its”; changed “under” to “pursuant to”; changed “State” to “Agency”; changed numeric “6” to written “six”; changed “system” to “supplier”; changed “the schedule in” to “the applicable schedule set forth in”
611.1010(e)(2)	141.710(e)(2)	Changed “systems . . . their” to singular “a supplier . . . its”; changed “under” to “pursuant to”; changed “State” to “Agency”; changed numeric “6” to written “six”; changed “system” to “supplier”; changed “the schedule in” to “the applicable schedule set forth in”
611.1010(e)(3)	141.710(e)(3)	Changed “State” to “Agency”
611.1010(f)	141.710(f)	Added the indefinite article “a”
611.1010 Board note	141.710	Added the citation to the federal source of the material
611.1011 heading	141.711 heading	Added the federal subheading “Treatment Technique Requirements” to the Section heading, offset by a colon

611.1011(a)	141.711(a)	Changed “filtered systems . . . their” to singular “a filtered system supplier . . . its”; changed “this paragraph” to “subsections (a)(1) through (a)(4) of this Section”; changed “under” to “pursuant to”; added a comma before “as determined” to offset the parenthetical; changed “the schedule in” to “the applicable schedule set forth in”; changed the ending colon to a period; changed the tabulated material into standard subsection format
611.1011(a)(1)	141.711(a) table, row 1 (“bin 1”)	Added the subsection designation to accommodate the tabulated material; changed “system” to “supplier’s”; removed the unnecessary words “the additional Cryptosporidium treatment requirements are”; removed the unnecessary words “direct filtration . . . no additional treatment”; removed the unnecessary words “slow sand or diatomaceous earth filtration . . . no additional treatment”; removed the unnecessary words “alternative filtration technologies . . . no additional treatment”
611.1011(a)(2)	141.711(a) table, row 2 (“bin 2”), column 2 (“conventional treatment”)	Added the subsection designation to accommodate the tabulated material; changed “system” to “supplier’s”; changed “system” to “supplier”; replaced the general words “the following filtration treatment” from the super-heading to columns two through five with the more specific words “conventional filtration treatment (including softening)” from the column two heading; added “the applicable provisions of” before and changed “subparts H,P, and T of this part” to “Subparts B, R, and X of this Part”; added the indefinite article “a” before “1-log”

611.1011(a)(3)	141.711(a) table, row 2 (“bin 2”), column 3 (“direct filtration”)	Added the subsection designation to accommodate the tabulated material; changed “system” to “supplier’s”; changed “system” to “supplier”; replaced the general words “the following filtration treatment” from the super-heading to columns two through five with the more specific words “direct filtration” from the column two heading; added “the applicable provisions of” before and changed “subparts H,P, and T of this part” to “Subparts B, R, and X of this Part”; added the indefinite article “a” before “1.5-log”
611.1011(a)(4)	141.711(a) table, row 2 (“bin 2”), column 4 (“slow sand or diatomaceous earth filtration”)	Added the subsection designation to accommodate the tabulated material; changed “system” to “supplier’s”; changed “system” to “supplier”; replaced the general words “the following filtration treatment” from the super-heading to columns two through five with the more specific words “slow sand or diatomaceous earth filtration” from the column two heading; added “the applicable provisions of” before and changed “subparts H,P, and T of this part” to “Subparts B, R, and X of this Part”; added the indefinite article “a” before “1-log”



611.1011(a)(5)	141.711(a) table, row 2 (“bin 2”), column 5 (“alternative filtration technologies”) & note 1	Added the subsection designation to accommodate the tabulated material; changed “system” to “supplier’s”; changed “system” to “supplier”; replaced the general words “the following filtration treatment” from the super-heading to columns two through five with the more specific words “alternative filtration technologies” from the column two heading; added “the applicable provisions of” before and changed “subparts H,P, and T of this part” to “Subparts B, R, and X of this Part”; added the footnote material “as determined . . . at least 4.0 log” to the text after “requirements are”; changed “State” to “Agency”; added “by a SEP issued pursuant to Section 611.110” offset by commas; added the indefinite article “a” before “4.0-log”
611.1011(a)(6)	141.711(a) table, row 2 (“bin 3”), column 2 (“conventional treatment”)	Added the subsection designation to accommodate the tabulated material; changed “system” to “supplier’s”; changed “system” to “supplier”; replaced the general words “the following filtration treatment” from the super-heading to columns two through five with the more specific words “conventional filtration treatment (including softening)” from the column two heading; added “the applicable provisions of” before and changed “subparts H,P, and T of this part” to “Subparts B, R, and X of this Part”; added the indefinite article “a” before “2-log”

611.1011(a)(6)	141.711(a) table, row 2 (“bin 3”), column 3 (“direct filtration”)	Added the subsection designation to accommodate the tabulated material; changed “system” to “supplier’s”; changed “system” to “supplier”; replaced the general words “the following filtration treatment” from the super-heading to columns two through five with the more specific words “direct filtration” from the column two heading; added “the applicable provisions of” before and changed “subparts H,P, and T of this part” to “Subparts B, R, and X of this Part”; added the indefinite article “a” before “2.5-log”
611.1011(a)(8)	141.711(a) table, row 2 (“bin 3”), column 4 (“slow sand or diatomaceous earth filtration”)	Added the subsection designation to accommodate the tabulated material; changed “system” to “supplier’s”; changed “system” to “supplier”; replaced the general words “the following filtration treatment” from the super-heading to columns two through five with the more specific words “slow sand or diatomaceous earth filtration” from the column two heading; added “the applicable provisions of” before and changed “subparts H,P, and T of this part” to “Subparts B, R, and X of this Part”; added the indefinite article “a” before “2-log”

611.1011(a)(9)	141.711(a) table, row 2 (“bin 3”), column 5 (“alternative filtration technologies”) & note 2	Added the subsection designation to accommodate the tabulated material; changed “system” to “supplier’s”; changed “system” to “supplier”; replaced the general words “the following filtration treatment” from the super-heading to columns two through five with the more specific words “alternative filtration technologies” from the column two heading; added “the applicable provisions of” before and changed “subparts H,P, and T of this part” to “Subparts B, R, and X of this Part”; added the footnote material “as determined . . . at least 4.0 log” to the text after “requirements are”; changed “State” to “Agency”; added “by a SEP issued pursuant to Section 611.110” offset by commas; added the indefinite article “a” before “5.0-log”
611.1011(a)(10)	141.711(a) table, row 2 (“bin 4”), column 2 (“conventional treatment”)	Added the subsection designation to accommodate the tabulated material; changed “system” to “supplier’s”; changed “system” to “supplier”; replaced the general words “the following filtration treatment” from the super-heading to columns two through five with the more specific words “conventional filtration treatment (including softening)” from the column two heading; added “the applicable provisions of” before and changed “subparts H,P, and T of this part” to “Subparts B, R, and X of this Part”; added the indefinite article “a” before “2.5-log”

611.1011(a)(11)	141.711(a) table, row 2 (“bin 4”), column 3 (“direct filtration”)	Added the subsection designation to accommodate the tabulated material; changed “system” to “supplier’s”; changed “system” to “supplier”; replaced the general words “the following filtration treatment” from the super-heading to columns two through five with the more specific words “direct filtration” from the column two heading; added “the applicable provisions of” before and changed “subparts H,P, and T of this part” to “Subparts B, R, and X of this Part”; added the indefinite article “a” before “3-log”
611.1011(a)(12)	141.711(a) table, row 2 (“bin 4”), column 4 (“slow sand or diatomaceous earth filtration”)	Added the subsection designation to accommodate the tabulated material; changed “system” to “supplier’s”; changed “system” to “supplier”; replaced the general words “the following filtration treatment” from the super-heading to columns two through five with the more specific words “slow sand or diatomaceous earth filtration” from the column two heading; added “the applicable provisions of” before and changed “subparts H,P, and T of this part” to “Subparts B, R, and X of this Part”; added the indefinite article “a” before “2.5-log”

611.1011(a)(13)	141.711(a) table, row 2 (“bin 4”), column 5 (“alternative filtration technologies”) & note 3	Added the subsection designation to accommodate the tabulated material; changed “system” to “supplier’s”; changed “system” to “supplier”; replaced the general words “the following filtration treatment” from the super-heading to columns two through five with the more specific words “alternative filtration technologies” from the column two heading; added “the applicable provisions of” before and changed “subparts H,P, and T of this part” to “Subparts B, R, and X of this Part”; added the footnote material “as determined . . . at least 4.0 log” to the text after “requirements are”; changed “State” to “Agency”; added “by a SEP issued pursuant to Section 611.110” offset by commas; added the indefinite article “a” before “5.5-log”
611.1011(b)	141.711(b)	Added “required treatment” as the topical heading
611.1011(b)(1)	141.711(b)(1)	Changed “filtered systems” to singular “a filtered system supplier”
611.1011(b)(2)	141.711(b)(2)	Changed “systems” to singular “a supplier”; changed “Bin 3 and Bin 4” to “Bin 3 or Bin 4”; changed “under” to “pursuant to”
611.1011(c)	141.711(c)	Added the indefinite article “a” before “failure”; changed “system” to “supplier”
611.1011(d)	141.711(d)	Changed “State” to “Agency”; added “by a SEP issued pursuant to Section 611.110” offset by commas; changed “system” to “supplier” (twice); changed “under” to “pursuant to”; changed “system’s” to “supplier’s”; changed “State” to “Agency in the SEP”; changed “and/or” to “or”
611.1011 Board note	141.711	Added the citation to the federal source of the material
611.1012 heading	141.712 heading	Added the federal subheading “Treatment Technique Requirements” to the Section heading, offset by a colon
611.1012(a)	141.712(a)	Added the definite article “the” before “mean”

611.1012(a)(1)	141.712(a)(1)	Changed “under” to “by”; changed “unfiltered systems” to singular “an unfiltered system supplier”; changed “under” to “pursuant to”; changed “systems” to singular “the supplier”; changed “State” to “Agency”; changed numeric “6” to written “six”; changed “system” to “supplier”; changed “the schedule in” to “the applicable schedule set forth in”
611.1012(a)(2)	141.712(a)(2)	Changed “under” to “by”; changed “unfiltered systems” to singular “an unfiltered system supplier”; changed “under” to “pursuant to”; changed “systems” to singular “the supplier”; changed “State” to “Agency”; changed numeric “6” to written “six”; changed “system” to “supplier”; changed “the schedule in” to “the applicable schedule set forth in”
611.1012(a)(3)	141.712(a)(3)	Changed “systems” to singular “a supplier”; changed “systems” to singular “the supplier”; changed “paragraph (a)(1) or (2) of this section” to “subsection (a)(1) or (a)(2) of this Section”
611.1012(a)(4)	141.712(a)(4)	Changed “State” to “Agency”; changed “under” to “pursuant to”; changed “paragraphs (a)(1) and (2) of this section” to “subsections (a)(1) and (a)(2) of this Section”
611.1012(a)(5)	141.712(a)(5)	Added the indefinite article “a”
611.1012(b)	141.712(b)	Changed “unfiltered systems . . . their” to singular “an unfiltered system supplier . . . its”; added a comma before “as determined” to offset the parenthetical; changed “under” to “by”; changed “under” to “pursuant to”; changed “the schedule in” to “the applicable schedule set forth in”
611.1012(b)(1)	141.712(b)(1)	Changed “unfiltered systems” to singular “an unfiltered system supplier”; changed “oocytes/L” to “oocytes/l”
611.1012(b)(2)	141.712(b)(2)	Changed “unfiltered systems” to singular “an unfiltered system supplier”; changed “oocytes/L” to “oocytes/l”

611.1012(c)	141.712(c)	Changed “unfiltered systems” to singular “an unfiltered system supplier”; added a comma before “as described” to offset the parenthetical
611.1012(c)(1)	141.712(c)(1)	Changed “systems that use . . . and fail . . . are” to singular “a supplier that uses . . . and fails . . . is”
611.1012(c)(2)	141.712(c)(2)	Changed “systems that use . . . and fail . . . are” to singular “a supplier that uses . . . and fails . . . is”
611.1012(d)	141.712(d)	Changed “unfiltered systems” to singular “an unfiltered system supplier”; changed “either Cryptosporidium, Giardia lamblia, or viruses” to “any of Cryptosporidium, Giardia lamblia, or viruses”
611.1012 Board note	141.712	Added the citation to the federal source of the material
611.1013 heading	141.713 heading	Added the federal subheading “Treatment Technique Requirements” to the Section heading, offset by a colon
611.1013(a)	141.713(a)	Changed “under” to “pursuant to”; changed “filtered systems” to singular “a filtered system supplier”; changed “under” to “by”; changed “the schedule in” to “the applicable schedule set forth in”
611.1013(b)	141.713(b)	Changed “under” to “pursuant to”; changed “unfiltered systems” to singular “an unfiltered system supplier”; changed “under” to “by”; changed “the schedule in” to “the applicable schedule set forth in”
611.1013(c)	141.713(c)	Changed the tabulated material into standard subsection format
611.1013(c)(1)	141.713(c) table	Added the subsection designation to accommodate the tabulated material; changed “systems serving at least 100,000 people” to singular “a supplier that serves 100,000 or more persons”; changed “no later than” to “before”

611.1013(c)(2)	141.713(c) table	Added the subsection designation to accommodate the tabulated material; changed “systems serving from 50,000 to 99,999 people” to singular “a supplier that serves 50,000 to 99,999 persons”; changed “no later than” to “before”
611.1013(c)(3)	141.713(c) table	Added the subsection designation to accommodate the tabulated material; changed “systems serving from 10,000 to 49,999 people” to singular “a supplier that serves 10,000 to 49,999 persons”; changed “no later than” to “before”
611.1013(c)(4)	141.713(c) table	Added the subsection designation to accommodate the tabulated material; changed “systems serving fewer than 10,000 people” to singular “a supplier that serves fewer than 10,000 persons”; changed “no later than” to “before”
611.1013(c)(5)	141.713(c) table, note a	Added the subsection designation to accommodate the footnote material; changed “States” to singular “the Agency”; added “by a SEP issued pursuant to Section 611.110” offset by commas; added “from the applicable date set forth in this subsection (c)” after “two years”; changed “for systems making capital improvements” to “if is determines that the additional time is necessary for the supplier to make capital improvements to implement the treatment”
611.1013(d)	141.713(d)	Changed “filtered system” to “filtered system supplier”; changed “under” to “pursuant to”; changed “system” to “supplier”; changed “under” to “by”; changed “the State approves” to “approved by the Agency by a SEP issued pursuant to Section 611.110”
611.1013(d)	141.713(d)	Changed “filtered system” to “filtered system supplier”; changed “under” to “pursuant to”; changed “system” to “supplier”; changed “under” to “by”; changed “the State approves” to “approved by the Agency by a SEP issued pursuant to Section 611.110”



611.1013(e)	141.713(e)	Changed “unfiltered system” to “unfiltered system supplier”; changed “under” to “pursuant to” (twice); changed “system” to “supplier”; changed “under” to “by”; changed “the State approves” to “approved by the Agency by a SEP issued pursuant to Section 611.110”
611.1013 Board note	141.713	Added the citation to the federal source of the material
611.1014 heading	141.714 heading	Added the federal subheading “Treatment Technique Requirements” to the Section heading, offset by a colon
611.1014(a)	141.714(a)	Changed “systems using” to singular “a supplier that uses”
611.1014(b)	141.714(b)	Changed “systems” to singular “a supplier”; changed “State” to “Agency”; added “in writing” after “notify the Agency”
611.1014(c)	141.714(c)	Changed “systems” to singular “a supplier”; changed “the conditions of paragraph (c)(1) or (2) of this section” to “either of the following conditions”; added a commas before and after “or . . . these conditions” and changed “or be” to “or it must be” for an independent clause; changed “a State-approved” to “an Agency-approved”; changed the ending period to a colon
611.1014(c)(1)	141.714(c)(1)	Changed “systems” to singular “the supplier”; changed the ending period to a semicolon; added the ending conjunction “and”
611.1014(c)(2)	141.714(c)(2)	Changed “systems” to singular “the supplier”; changed “and/or” to “or”
611.1014(d)	141.714(d)	Added the indefinite article “a”
611.1014 Board note	141.714	Added the citation to the federal source of the material
611.1015 heading	141.715 heading	Added the federal subheading “Requirements for Microbial Toolbox Components” to the Section heading, offset by a colon
611.1015(a)	141.715(a)	Added “treatment credits” as the topical heading

611.1015(a)(1)	141.715(a)(1)	Changed “systems receive” to singular “a supplier receives”; changed “the treatment credits listed in the table” to “the applicable of the treatment credits set forth in”; changed “systems apply” to singular “the supplier applies”; changed “treatment requirements in” to “applicable treatment requirements set forth in”
611.1015(a)(2)	141.715(a)(2)	Changed “unfiltered systems are” to singular “an unfiltered supplier is”
611.1015(b)	141.715(b)	Changed “the following table summarizes” to “subsections (b)(1) through (b)(5) of this Section summarize”; changed the tabulated material into standard subsection format
611.1015(b)(1)	141.715(b) table	Added the subsection designation to accommodate the tabulated material; added the federal topical heading as a topical subsection heading; added the ending period
611.1015(b)(1)(A)	141.715(b) table	Added the subsection designation to accommodate the tabulated material; omitted the heading “toolbox options”; added a colon after “watershed control program”; changed “State-approved” to “Agency-approved”; changed “State” to “Agency”; changed “unfiltered systems are” to singular “an unfiltered system supplier is”; changed “in” to “set forth in”
611.1015(b)(1)(b)	141.715(b) table	Added the subsection designation to accommodate the tabulated material; omitted the heading “toolbox options”; changed “source/intake” to “source or intake”; added a colon after “alternative source or intake program”; changed “systems” to singular “supplier”; changed “in” to “set forth in”
611.1015(b)(2)	141.715(b) table	Added the subsection designation to accommodate the tabulated material; added the federal topical heading as a topical subsection heading; changed “pre filtration” to “pre-filtration”; added the ending period

611.1015(b)(2)(A)	141.715(b) table	Added the subsection designation to accommodate the tabulated material; omitted the heading “toolbox options”; added a colon after “presedimentation basin with coagulation”; changed “State-approved” to “Agency-approved”; changed “in” to “set forth in”
611.1015(b)(2)(B)	141.715(b) table	Added the subsection designation to accommodate the tabulated material; omitted the heading “toolbox options”; added a colon after “two-stage lime softening”; changed “in” to “set forth in”
611.1015(b)(2)(C)	141.715(b) table	Added the subsection designation to accommodate the tabulated material; omitted the heading “toolbox options”; added a colon after “bank filtration”; replaced the semicolon after “25-foot setback” with the conjunction “or”; added the definite article “the” before “aquifer”; replaced the semicolon after “10 percent fines” with the conjunction “and”; changed “systems . . . and are” to singular “a supplier . . . is”; changed “in” to “set forth in”
611.1015(b)(3)	141.715(b) table	Added the subsection designation to accommodate the tabulated material; added the federal topical heading as a topical subsection heading; added the ending period
611.1015(b)(3)(A)	141.715(b) table	Added the subsection designation to accommodate the tabulated material; omitted the heading “toolbox options”; added a colon after “combined filter performance”; changed “in” to “set forth in”
611.1015(b)(3)(B)	141.715(b) table	Added the subsection designation to accommodate the tabulated material; omitted the heading “toolbox options”; added a colon after “individual filter performance”; changed “in” to “set forth in”

611.1015(b)(3)(C)	141.715(b) table	Added the subsection designation to accommodate the tabulated material; omitted the heading “toolbox options”; added a colon after “demonstration of performance”; changed “State” to “Agency”; changed “a State-approved” to “an Agency-approved”; changed “in” to “set forth in”
611.1015(b)(4)	141.715(b) table	Added the subsection designation to accommodate the tabulated material; added the federal topical heading as a topical subsection heading; added the ending period
611.1015(b)(4)(A)	141.715(b) table	Added the subsection designation to accommodate the tabulated material; omitted the heading “toolbox options”; added a colon after “bag or cartridge filters (individual filters)”; changed “in” to “set forth in”
611.1015(b)(4)(B)	141.715(b) table	Added the subsection designation to accommodate the tabulated material; omitted the heading “toolbox options”; added a colon after “bag or cartridge filters (in series)”; changed “in” to “set forth in”
611.1015(b)(4)(C)	141.715(b) table	Added the subsection designation to accommodate the tabulated material; omitted the heading “toolbox options”; added a colon after “mmembrane filtration”; changed “in” to “set forth in”
611.1015(b)(4)(D)	141.715(b) table	Added the subsection designation to accommodate the tabulated material; omitted the heading “toolbox options”; added a colon after “second stage filtration”; changed “in” to “set forth in”; added the ending period
611.1015(b)(4)(E)	141.715(b) table	Added the subsection designation to accommodate the tabulated material; omitted the heading “toolbox options”; added a colon after “slow sand filters”; changed “in” to “set forth in”

611.1015(b)(5)	141.715(b) table	Added the subsection designation to accommodate the tabulated material; added the federal topical heading as a topical subsection heading; added the ending period
611.1015(b)(5)(A)	141.715(b) table	Added the subsection designation to accommodate the tabulated material; omitted the heading “toolbox options”; added a colon after “chlorine dioxide”; changed “in” to “are set forth in”; added the ending period
611.1015(b)(5)(B)	141.715(b) table	Added the subsection designation to accommodate the tabulated material; omitted the heading “toolbox options”; added a colon after “ozone”; changed “in” to “are set forth in”
611.1015(b)(5)(C)	141.715(b) table	Added the subsection designation to accommodate the tabulated material; omitted the heading “toolbox options”; added a colon after “chlorine dioxide”; changed “in” to “are set forth in”
611.1015 Board note	141.715	Added the citation to the federal source of the material
611.1016 heading	141.716 heading	Added the federal subheading “Requirements for Microbial Toolbox Components” to the Section heading, offset by a colon
611.1016(a)	141.716(a)	Changed “systems receive” to singular “a supplier receives”
611.1016(a)(1)	141.716(a)	Changed “systems that intend” to singular “a supplier that intends”; changed “State” to “Agency”; changed “this” to “its”; changed “system” to “supplier”
611.1016(a)(2)	141.716(a)(2)	Changed “systems” to singular “a supplier”; changed “State” to “Agency” (twice); changed “system” to “supplier”; changed “elements in paragraphs (a)(2)(i) through (iv) of this section” to “the following elements”; changed the ending period to a colon
611.1016(a)(2)(A)	141.716(a)(2)(i)	Changed “under” to “pursuant to”; changed the ending period to a semicolon
611.1016(a)(2)(B)	141.716(a)(2)(ii)	Changed “system’s” to “supplier’s”; changed the ending period to a semicolon

611.1016(a)(2)(C)	141.716(a)(2)(iii)	Changed “system’s” to “supplier’s”; changed the ending period to a semicolon; added the ending conjunction “and”
611.1016(a)(2)(D)	141.716(a)(2)(iv)	Changed “system” to “supplier”
611.1016(a)(3)	141.716(a)(3)	Changed “systems with existing . . . programs (i.e., programs . . . 2006) are” to singular “a supplier with an existing . . . program (i.e., a program . . . 2006) is”; changed “their” to singular “its”
611.1016(a)(4)	141.716(a)(4)	Changed “State” to “Agency” (twice); changed “system” to “supplier” (twice); changed “under” to “pursuant to”; added a comma before “unless and until” to offset the parenthetical; added “by a SEP issued pursuant to Section 611.110”
611.1016(a)(5)	141.716(a)(5)	Changed “systems” to singular “a supplier”; changed “the actions in paragraphs (a)(5)(i) through (iii)” to “each of the following actions”
611.1016(a)(5)(A)	141.716(a)(5)(i)	Added “it must”; changed “State” to “Agency” (three times); changed “system’s” to “supplier’s”; changed “it” to “the report” (twice); changed “system” to “supplier” (five times); changed “under” to “pursuant to”; changed the ending period to a semicolon
611.1016(a)(5)(B)	141.716(a)(5)(ii)	Added “the supplier must” before “undergo”; changed “community water systems” to the defined singular abbreviation “a CWS supplier”; changed “noncommunity water systems” to the defined singular abbreviation “a non-CWS supplier”; added “that” before “the Agency approves”; changed the ending period to a semicolon
611.1016(a)(5)(B)(i)	141.716(a)(5)(ii)(A)	Added “it must” before “encompass”; changed “State-approved” to “Agency-approved”
611.1016(a)(5)(B)(ii)	141.716(a)(5)(ii)(B)	Changed “State” to “Agency” (twice); changed “systems” to singular “the supplier”; changed “by a date” to “before a date”; added “by a SEP issued pursuant to Section 611.110”; changed the ending period to a semicolon; added the ending conjunction “and”

611.1016(a)(5)(C)	141.716(a)(5)(iii)	Changed “system” to “supplier”; changed “State” to “Agency”; added “by a SEP issued pursuant to Section 611.110” offset by commas; changed “to withhold” to “that a supplier”
611.1016(a)(6)	141.716(a)(6)	Changed “State” to “Agency” (twice); changed “system” to “supplier”; added “by a SEP issued pursuant to Section 611.110” offset by commas
611.1016(b)(1)	141.716(b)(1)	Changed “system” to “supplier” (twice); changed “State” to “Agency”; added “by a SEP issued pursuant to Section 611.110”; changed “under” to “pursuant to”
611.1016(b)(2)	141.716(b)(2)	Changed “systems conduct . . . systems” to singular “a supplier is . . . it”; changed “under” to “pursuant to”
611.1016(b)(3)	141.716(b)(3)	Changed “under” to “pursuant to”; changed “systems” to singular “a supplier”; changed “State” to “Agency”
611.1016(b)(4)	141.716(b)(4)	Changed “system” to singular “supplier” (twice); changed “under” to “pursuant to”
611.1016 Board note	141.716	Added the citation to the federal source of the material
611.1017 heading	141.717 heading	Added the federal subheading “Requirements for Microbial Toolbox Components” to the Section heading, offset by a colon
611.1017(a)	141.717(a)	Changed “systems receive” to singular “a supplier receives”
611.1017(a)(1)	141.717(a)(1)	Changed “GWUDI” to “groundwater under the direct influence of surface water”
611.1017(a)(2)	141.717(a)(2)	Changed “system” to “supplier”
611.1017(a)(3)	141.717(a)(3)	Changed “the performance criteria in paragraph (3)(i) or (ii) of this section” to singular “both of the following performance criteria”; changed the ending period to a colon
611.1017(a)(3)(A)	141.717(a)(3)(i)	Added “it”; added a comma before and changed “and must be” to “and it must be” for an independent clause; changed the ending period to a semicolon; added the ending conjunction “and”
611.1017(a)(3)(B)	141.717(a)(3)(ii)	Added “it”; changed “State-approved” to “Agency-approved”

611.1017(b)	141.717(b)	Changed “systems receive” to singular “a supplier receives”; changed “GWUDI” to “groundwater under the direct influence of surface water”
611.1017(c)	141.717(c)	Changed “systems receive” to singular “a supplier receives”; changed “GWUDI” to “groundwater under the direct influence of surface water”; changed “systems . . . they begin” to singular “a supplier . . . it begins”; added a comma before and changed “and are” to singular “and it is” for an independent clause
611.1017(c)(1)	141.717(c)(1)	Changed “wells . . . receive” to singular “a well . . . receives”; added a comma before and changed the semicolon followed by “wells . . . receive” to a comma followed by singular “or a well . . . receives” for an independent clause; changed “ground water” to “groundwater” (twice); changed “systems . . . they begin” to singular “a supplier . . . it begins”
611.1017(c)(2)	141.717(c)(2)	Changed “wells . . . are” to singular “a well . . . is”; changed “granular aquifers are those” to singular “a granular aquifer is one”; changed “system” to “supplier”; changed “systems” to singular “a supplier”
611.1017(c)(3)	141.717(c)(3)	Changed “horizontal and vertical wells are” to singular “a horizontal or vertical well is”
611.1017(c)(4)	141.717(c)(4)	Changed “vertical wells” to singular “a vertical well”; changed “ground water” to “groundwater”; changed “horizontal wells” to singular “a horizontal well”
611.1017(c)(5)	141.717(c)(5)	Changed “systems” to singular “the supplier”; changed “system” to “supplier” (twice); changed “State” to “Agency” (three times); changed “State” to “it”; added “by a SEP issued pursuant to Section 611.110” offset by commas
611.1017(c)(6)	141.717(c)(6)	Changed “under” to “pursuant to” (twice)
611.1017(c)(7)	141.717(c)(7)	Changed “State” to “Agency”; added “by a SEP issued pursuant to Section 611.110” offset by commas



611.1017(c)(7)(A)	141.717(c)(7)(i)	Changed “a State-approved” to “an Agency-approved”
611.1017(c)(7)(B)	141.717(c)(7)(ii)	Changed “well(s)” to “wells” (twice)
611.1017 Board note	141.717	Added the citation to the federal source of the material
611.1018 heading	141.718 heading	Added the federal subheading “Requirements for Microbial Toolbox Components” to the Section heading, offset by a colon
611.1018(a)	141.718(a)	Changed “systems using . . . receive” to singular “a supplier that uses . . . receives”; changed “the system” to “it”; added “its” before “combined”
611.1018(b)	141.718(b)	Changed “systems using . . . receive” to singular “a supplier that uses . . . receives”; changed “under” to “pursuant to”; changed “the system” to “it”
611.1018(b)(3)	141.718(b)(3)	Changed “system” to “supplier”; changed “paragraph (b)(1) or (2) of this section” to “subsection (b)(1) or (b)(2) of this Section; changed “under” to “pursuant to”; changed “State” to “Agency”
611.1018(b)(3)(A)	141.718(b)(3)(i)	Changed the ending period to a semicolon; added the ending conjunction “and”
611.1018(b)(3)(B)	141.718(b)(3)(ii)	Changed “system” to “supplier”
611.1018(c)	141.718(c)	Changed “State” to “Agency”; added “by a SEP issued pursuant to Section 611.110” offset by commas
611.1018(c)(1)	141.718(c)(1)	Changed “systems” to singular “the supplier”; changed “toolbox box option” to “toolbox option”; changed “under” to “pursuant to”
611.1018(c)(2)	141.718(c)(2)	Changed “a State-approved” to “an Agency-approved”; changed “system” to “supplier”
611.1018(c)(3)	141.718(c)(3)	Changed “State” to “Agency” (twice); changed “system” to “supplier”; added “by a SEP issued pursuant to Section 611.110” offset by commas
611.1018 Board note	141.718	Added the citation to the federal source of the material

611.1019 heading	141.719 heading	Added the federal subheading “Requirements for Microbial Toolbox Components” to the Section heading, offset by a colon
611.1019(a)	141.719(a)	Changed “systems receive” to singular “a supplier receives”; changed “in” to “set forth in”; changed “systems” to singular “the supplier”; changed “State” to “Agency”; changed “subpart H” to “Subpart B”
611.1019(a)(1)	141.719(a)(1)	Changed “in” to “set forth in”; changed “systems” to singular “a supplier”; changed “paragraphs (a)(2) through (9) of this section” to “subsections (a)(2) through (a)(9) of this Section”
611.1019(a)(2)	141.719(a)(2)	Changed “system” to “supplier”
611.1019(a)(6)	141.719(a)(6)	Changed “this subpart” to “this Subpart Z”
611.1019(a)(7) “LRV”	141.719(a)(7)	Removed the ending semicolon
611.1019(a)(7) “C <sub>f</sub> ”	141.719(a)(7)	Removed the ending semicolon and ending conjunction “and”
611.1019(a)(10)	141.719(a)(10)	Changed “submitted to the State” to “submitted in writing to the Agency”
611.1019(b)(1)	141.719(b)(1)	Changed “systems receive” to singular “a supplier receives”; changed “system” to “supplier”; changed “values determined under paragraphs (b)(1)(i) and (ii) of this section” to “following values”; changed the ending period to a colon
611.1019(b)(1)(A)	141.719(b)(1)(i)	Changed “under” to “pursuant to”; changed the ending period to a semicolon; added the ending conjunction “or”
611.1019(b)(1)(B)	141.719(b)(1)(ii)	Changed “under” to “pursuant to”; changed the ending period to a semicolon; added the ending conjunction “or”
611.1019(b)(2)	141.719(b)(2)	Changed “Testing” to lower-case “testing”; changed “system” to “supplier” (twice); changed “State” to “Agency”; changed “in” to “set forth in” (twice); changed “paragraphs (b)(2)(i) through (vii) of this section” to “subsections (b)(2)(A) through (b)(2)(G) of this Section (twice); changed “systems” to singular “a supplier”
611.1019(b)(2)(A)	141.719(b)(2)(i)	Changed “system’s” to “supplier’s”

611.1019(b)(2)(E) “LRV”	141.719(b)(2)(v)	Removed the ending semicolon
611.1019(b)(2)(E) “C <sub>f</sub> ”	141.719(b)(2)(v)	Removed the ending semicolon and ending conjunction “and”
611.1019(b)(2)(G)	141.719(b)(2)(vii)	Changed “system” to “supplier”
611.1019(b)(2)(H)	141.719(b)(2)(viii)	Changed “State” to “Agency”
611.1019(b)(3)	141.719(b)(3)	Changed “systems” to singular “a supplier”; changed “paragraphs (b)(3)(i) through (vi) of this section” to “subsections (b)(3)(A) through (b)(3)(F) of this Section”; placed the defined term “direct integrity test” in quotation marks
611.1019(b)(3)(A)	141.719(b)(3)(i)	Changed “system” to “treatment system”
611.1019(b)(3)(B)	141.719(b)(3)(ii)	Changed numeric “3” to written “three”
611.1019(b)(3)(C)	141.719(b)(3)(iii)	Changed “State” to “Agency”; changed “the approach in either paragraph (b)(3)(iii)(A) or (B) of this section” to “the appropriate of the following approaches”; added a comma before “considering” for a parenthetical; changed “as applicable” to “considering”; changed the ending period to a colon
611.1019(b)(3)(C)(i)	141.719(b)(3)(iii)(A)	Changed “direct integrity tests that use” to singular “a direct integrity test that uses”
611.1019(b)(3)(C)(i) “LRV <sub>DIT</sub> ”	141.719(b)(3)(iii)(A)	Removed the ending semicolon
611.1019(b)(3)(C)(i) “Q <sub>p</sub> ”	141.719(b)(3)(iii)(A)	Removed the ending semicolon
611.1019(b)(3)(C)(i) “Q <sub>breach</sub> ”	141.719(a)(7)(iii)(A)	Removed the ending semicolon and ending conjunction “and”
611.1019(b)(3)(C)(i) “VCF”	141.719(b)(3)(iii)(A)	Changed the ending period to a semicolon; added the ending conjunction “or”
611.1019(b)(3)(C)(ii)	141.719(b)(3)(iii)(B)	Changed “direct integrity tests that use” to singular “a direct integrity test that uses”
611.1019(b)(3)(C)(ii) “LRV <sub>DIT</sub> ”	141.719(b)(3)(iii)(B)	Removed the ending semicolon
611.1019(b)(3)(C)(ii) “C <sub>f</sub> ”	141.719(b)(3)(iii)(B)	Removed the ending semicolon and ending conjunction “and”
611.1019(b)(3)(C)(ii) “C <sub>p</sub> ”	141.719(a)(7)(iii)(B)	Removed the ending semicolon
611.1019(b)(3)(D)	141.719(b)(3)(iv)	Changed “systems” to singular “a supplier”; changed “State” to “Agency”

611.1019(b)(3)(F)	141.719(b)(3)(vi)	Changed “systems” to singular “a supplier”; changed “State” to “Agency”; added “by a SEP issued pursuant to Section 611.110” offset by commas
611.1019(b)(4)	141.719(b)(4)	Changed “systems” to singular “a supplier”; changed “paragraphs (b)(4)(i) through (v) of this Section” to “subsections (b)(4)(A) through (b)(4)(E) of this Section”; added quotation marks to the defined term “indirect integrity monitoring”; changed “system” to “supplier”; changed “paragraphs (b)(3)(i) through (v) of this Section” to “subsections (b)(3)(A) through (b)(3)(E) of this Section”; changed “systems” to singular “the supplier”; changed “State” to “Agency”
611.1019(b)(4)(A)	141.719(b)(4)(i)	Changed “State” to “Agency”; added “by a SEP issued pursuant to Section 611.110” offset by commas
611.1019(b)(4)(B)	141.719(b)(4)(ii)	Changed “continuous monitoring” to the defined term “continuous indirect integrity monitoring”
611.1019(b)(4)(C)	141.719(b)(4)(iii)	Changed “continuous monitoring” to the defined term “continuous indirect integrity monitoring”
611.1019(b)(4)(D)	141.719(b)(4)(iv)	Changed “indirect integrity monitoring” to the defined term “continuous indirect integrity monitoring”; added a comma before “as specified” to offset the parenthetical; changed “paragraphs (b)(3)(i) through (v) of this Section” to “subsections (b)(3)(A) through (b)(3)(E) of this Section”
611.1019(b)(4)(E)	141.719(b)(4)(v)	Changed “a State-approved” to “an Agency-approved” (twice); added a comma before “as specified” to offset the parenthetical; changed “paragraphs (b)(3)(i) through (v) of this Section” to “subsections (b)(3)(A) through (b)(3)(E) of this Section”

611.1019(c)	141.719(c)	Changed “systems receive” to singular “a supplier receives”; changed “State” to “Agency” (twice); added “by a SEP issued pursuant to Section 611.110”; changed “GWUDI” to “groundwater under the direct influence of surface water”
611.1019(d)	141.719(d)	Changed “systems are” to singular “a supplier is”; added “by a SEP issued pursuant to Section 611.110”; changed “GWUDI” to “groundwater under the direct influence of surface water”; changed “State” to “Agency”; changed the ending period to a colon
611.1019 Board note	141.719	Added the citation to the federal source of the material
611.1020 heading	141.720 heading	Added the federal subheading “Requirements for Microbial Toolbox Components” to the Section heading, offset by a colon
611.1020(a)(1)	141.720(a)(1)	Changed “suppliers” to singular “a supplier”; changed “under” to “pursuant to”; added a comma before “as specified” to offset the parenthetical
611.1020(a)(2)	141.720(a)(2)	Changed “suppliers” to singular “a supplier”; changed “suppliers” to singular “the supplier”
611.1020(b)(1)	141.720(b)(1)	Changed “suppliers receive” to singular “a supplier receives”; changed “this table” to “Table H to this Part”; moved the tabulated material to Table H
611.1020(b)(2)	141.720(b)(2)	Changed “suppliers receive” to singular “a supplier receives”; changed “this table” to “Table I to this Part”; moved the tabulated material to Table I
611.1020(c)	141.720(c)	Changed “State” to “Agency” (twice); added “by a SEP issued pursuant to Section 611.110” offset by commas; “paragraph (b) of this Section” to “Tables H and I to this Part”; changed “a system conducts that follows a State-approved” to “conducted by the supplier according to an Agency-approved”

611.1020(d)	141.720(d)	Changed “suppliers receive” to singular “a supplier receives”; changed “paragraph (d)(1) of this section” to “Table J to this Part”; changed “systems” to singular “the supplier”; changed “paragraphs (d)(2) and (3) of this section” to “subsections (d)(2) and (d)(3) of this Section”; added commas before and after “as described in . . . this Section” to offset the parenthetical
611.1020(d)(1)	141.720(d)(1)	Changed “this table” to “Table J to this Part”; changed “low pressure” to hyphenated “low-pressure”; changed “systems” to singular “a supplier”; changed “filtered systems” to singular “a filtered system supplier”; changed “unfiltered systems” to singular “an unfiltered system supplier”
611.1020(d)(2)	141.720(d)(2)	Changed “systems” to singular “a supplier”; changed the comma after “flow rate” to a semicolon to offset elements of a series that contains a comma; added a comma before “as measured” to offset the parenthetical; changed the comma after “UV sensor” to a semicolon to offset elements of a series that contains a comma
611.1020(d)(2)(A)	141.720(d)(2)(i)	Changed “systems” to singular “a supplier”; changed “system components” to “treatment system components”
611.1020(d)(2)(B)	141.720(d)(2)(ii)	Changed “system” to “supplier”
611.1020(d)(2)(C)	141.720(d)(2)(iii)	Changed “State” to “Agency”; added “by a SEP issued pursuant to Section 611.110” offset by commas

611.1020(d)(3)(A)	141.720(d)(3)(i)	Changed “systems . . . their” to singular “a supplier . . . its”; changed “under” to “pursuant to”; added a comma before “as measured” to offset the parenthetical; changed the comma after “UV sensor” to a semicolon to offset elements of a series that contains a comma; changed the comma after “flow rate” to a semicolon to offset elements of a series that contains a comma; changed the comma after “lamp status” to a semicolon to offset elements of a series that contains a comma; changed “systems” to singular “a supplier”; changed “the State designates” to “that the Agency has designated by a SEP issued pursuant to Section 611.110”; changed “the State approves” to “that the Agency has approved by a SEP issued pursuant to Section 611.110”
611.1020(d)(3)(B)	141.720(d)(3)(ii)	Changed “systems” to singular “a supplier”; changed “paragraphs (d)(1) and (2) of this section” to “subsections (d)(1) and (d)(2) of this Section”; changed “systems” to singular “the supplier”; changed “under” to “pursuant to”
611.1020 Board note	141.720	Added the citation to the federal source of the material
611.1021 heading	141.721 heading	Added the federal subheading “Reporting and Recordkeeping Requirements” to the Section heading, offset by a colon
611.1021(a)	141.721(a)	Changed “systems . . . they notify . . . they” to singular “a supplier . . . it notifies . . . it”; changed “under” to “pursuant to” (twice); changed “State” to “Agency”; changed “due to meeting” to “because the supplier meets”
611.1021(b)	141.721(b)	Changed “systems” to singular “a supplier”; changed “State” to “Agency”
611.1021(c)	141.721(c)	Changed “filtered systems . . . their” to singular “a filtered system supplier . . . its”; added a comma before “as described” to offset the parenthetical

611.1021(d)	141.721(d)	Changed “unfiltered systems . . . their” to singular “an unfiltered system supplier . . . its”; added a comma before “as described” to offset the parenthetical
611.1021(e)	141.721(e)	Changed “systems” to singular “a supplier”; changed “State” to “Agency”; changed §§ 141.708 through 141.709” to “Sections 611.1008 and 611.1009”
611.1021(f)	141.721(f)	Changed “systems” to singular “a supplier”; changed “State” to “Agency” (twice); changed “the following table” to “subsections (f)(1) through (f)(15) of this Section”; changed “under” to “pursuant to”; added “by a SEP issued pursuant to Section 611.110” offset by commas; changed “system” to “supplier”; changed the tabulated material into standard subsection format
611.1021(f)(1)	141.721(f) table	Added the subsection designation to accommodate the tabulated material; added “a supplier that uses the” before “watershed control program toolbox option”; omitted the abbreviation “WCP” in parentheses; omitted “systems” from before “must submit”; changed “on the following” to “on the indicated”; changed the ending period to a colon; placed the subdivided entries into separate subordinate subsections
611.1021(f)(1)(A)	141.721(f) table	Added the subsection designation to accommodate the subdivided material from the second and third columns of the table; added the indefinite article “a”; changed the ending period to a semicolon
611.1021(f)(1)(B)	141.721(f) table	Added the subsection designation to accommodate the subdivided material from the second and third columns of the table; added the indefinite article “a”; changed the ending period to a semicolon
611.1021(f)(1)(C)	141.721(f) table	Added the subsection designation to accommodate the subdivided material from the second and third columns of the table; added the indefinite article “a”; changed the ending period to a semicolon; added the ending conjunction “and”



611.1021(f)(1)(D)	141.721(f) table	Added the subsection designation to accommodate the subdivided material from the second and third columns of the table; added the indefinite article “a”; changed “community water systems” to the singular defined abbreviation “a CWS supplier”; changed “noncommunity water systems” to the singular defined abbreviation “a non-CWS supplier”
611.1021(f)(2)	141.721(f) table	Added the subsection designation to accommodate the tabulated material; added “a supplier that uses the” before “presedimentation toolbox option”; omitted “systems” from before “must submit”; changed “system” to “it”; omitted “on the following”
611.1021(f)(3)	141.721(f) table	Added the subsection designation to accommodate the tabulated material; added “a supplier that uses the” before “presedimentation toolbox option”; omitted “systems” from before “must submit”; changed “on the following schedule” to “the information set forth in each of . . . this Section, subject to the limitations of . . . this Section”; placed the subdivided entries into separate subordinate subsections, including the generally applicable material from column three of the table
611.1021(f)(3)(A)	141.721(f) table	Added the subsection designation to accommodate the subdivided material from the second column of the table; added the ending semicolon
611.1021(f)(3)(B)	141.721(f) table	Added the subsection designation to accommodate the subdivided material from the second column of the table; added the ending semicolon
611.1021(f)(3)(C)	141.721(f) table	Added the subsection designation to accommodate the subdivided material from the second column of the table; added the ending semicolon; added the ending conjunction “and”

611.1021(f)(3)(D)	141.721(f) table	Added the subsection designation to accommodate the subdivided material from the second column of the table; changed “State-approved” to “Agency approved”
611.1021(f)(3)(E)	141.721(f) table	Added the subsection designation to accommodate the subdivided material from the third column of the table; added “must occur” before “within 10 days”
611.1021(f)(4)	141.721(f) table	Added the subsection designation to accommodate the tabulated material; added “a supplier that uses the” before “two-stage lime softening toolbox option”; omitted “systems” from before “must submit”; changed “on the following schedule” to “the information set forth in each of . . . this Section, subject to the limitations of . . . this Section”; placed the subdivided entries into separate subordinate subsections, including the generally applicable material from column three of the table
611.1021(f)(4)(A)	141.721(f) table	Added the subsection designation to accommodate the subdivided material from the second column of the table; added “that”; added the ending semicolon; added the ending conjunction “and”
611.1021(f)(4)(B)	141.721(f) table	Added the subsection designation to accommodate the subdivided material from the second column of the table; added “that”
611.1021(f)(4)(C)	141.721(f) table	Added the subsection designation to accommodate the subdivided material from the third column of the table; added “must occur” before “within 10 days”
611.1021(f)(5)	141.721(f) table	Added the subsection designation to accommodate the tabulated material; added “a supplier that uses the” before “bank filtration toolbox option”; omitted “systems” from before “must submit”; changed “following” to “indicated”; placed the subdivided entries into separate subordinate subsections, including the generally applicable material from column three of the table

611.1021(f)(5)(A)	141.721(f) table	Added the subsection designation to accommodate the subdivided material from the introductory statement in the second column and the entire third column of the table; added “must occur” before “within 10 days”; placed the subdivided entries into separate subordinate subsections
611.1021(f)(5)(A)(i)	141.721(f) table	Added the subsection designation to accommodate the subdivided material from the third column of the table; added “the existence of”; changed the ending period to a semicolon; added the ending conjunction “and”
611.1021(f)(5)(A)(ii)	141.721(f) table	Added the subsection designation to accommodate the subdivided material from the third column of the table
611.1021(f)(5)(B)	141.721(f) table	Added the subsection designation to accommodate the subdivided material from the second and third columns of the table; changed “daily max” to “daily maximum”; added the definite article “the” before “monthly average”; added the comma after “if the . . . 1 NTU” to offset the introductory clause; changed “system” to “the supplier”; added “that” before “result”
611.1021(f)(6)	141.721(f) table	Added the subsection designation to accommodate the tabulated material; added “a supplier that uses the” before “combined filter performance toolbox option”; omitted “systems” from before “must submit”; changed numeric “4 hour” to written hyphenated “four-hour”; added “must occur” before “within 10 days”

611.1021(f)(7)	141.721(f) table	Added the subsection designation to accommodate the subdivided material from the introductory statement in the second column and the entire third column of the table; added “a supplier that uses the” before “individual filter performance toolbox option”; omitted “systems” from before “must submit”; changed “on the following schedule” to “the information set forth in each of . . . this Section, subject to the limitations of . . . this Section”; placed the subdivided entries into separate subordinate subsections, including the generally applicable material from column three of the table
611.1021(f)(7)(A)	141.721(f) table	Added the subsection designation to accommodate the tabulated material; added “that”; added “were” before “less than”; added the ending semicolon; added the ending conjunction “and”
611.1021(f)(7)(B)	141.721(f) table	Added the subsection designation to accommodate the tabulated material; added “that”; added “measured” before “greater than”
611.1021(f)(7)(C)	141.721(f) table	Added the subsection designation to accommodate the subdivided material from the third column of the table; added “must occur” before “within 10 days”
611.1021(f)(8)	141.721(f) table	Added the subsection designation to accommodate the tabulated material; added “a supplier that uses the” before “demonstration of performance toolbox option”; omitted “systems” from before “must submit”; changed “following information” to “information set froth in each of subsections (f)(8)(A) and (f)(8)(B) of this Section”; changed “following” to “indicated”; placed the subdivided entries into separate subordinate subsections

611.1021(f)(8)(A)	141.721(f) table	Added the subsection designation to accommodate the subdivided material from the second and third columns of the table; changed “a State-approved” to “an Agency-approved”; changed the ending period to a semicolon; added the ending conjunction “and”
611.1021(f)(8)(B)	141.721(f) table	Added the subsection designation to accommodate the subdivided material from the second and third columns of the table; changed “State” to “Agency”; changed “State-approved” to “Agency-approved”
611.1021(f)(9)	141.721(f) table	Added the subsection designation to accommodate the tabulated material; added “a supplier that uses the” before “bag filters and cartridge filters”; omitted “systems” from before “must submit”; changed “following information” to “information set forth in each of subsections (f)(9)(A) and (f)(9)(B) of this Section”; changed “following” to “indicated”; placed the subdivided entries into separate subordinate subsections
611.1021(f)(9)(A)	141.721(f) table	Added the subsection designation to accommodate the subdivided material from the second and third columns of the table; added the indefinite article “a”; added commas before and after “no later than . . . Section 611.1013” to offset the parenthetical; placed the subdivided entries into separate subordinate subsections
611.1021(f)(9)(A)(i)	141.721(f) table	Added the subsection designation to accommodate the subdivided material from the third column of the table; added “it must demonstrate that the”; added the ending conjunction “and”
611.1021(f)(9)(A)(ii)	141.721(f) table	Added the subsection designation to accommodate the subdivided material from the third column of the table; added “it must demonstrate that the”; changed “this subpart” to “this Subpart Z”; changed the ending period to a semicolon; added the ending conjunction “and”

611.1021(f)(9)(B)	141.721(f) table	Added the subsection designation to accommodate the subdivided material from the second and third columns of the table; added commas before and after “within 10 days . . . Section 611.1013” to offset the parenthetical; placed the subdivided entries into separate subordinate subsections
611.1021(f)(10)	141.721(f) table	Added the subsection designation to accommodate the tabulated material; added “a supplier that uses the” before “membrane filtration toolbox option”; omitted “systems” from before “must submit”; changed “following” to “indicated”; placed the subdivided entries into separate subordinate subsections
611.1021(f)(10)(A)	141.721(f) table	Added the subsection designation to accommodate the subdivided material from the introductory statement in the second column and the entire third column of the table; changed “demonstrating” to “that demonstrate”; placed the subdivided second column entries into separate subordinate subsections
611.1021(f)(10)(A)(i)	141.721(f) table	Added the subsection designation to accommodate the subdivided material from the second column of the table; added “it must demonstrate that the”; changed “in” to “set forth in”; added the ending conjunction “and”
611.1021(f)(10)(A)(ii)	141.721(f) table	Added the subsection designation to accommodate the subdivided material from the second column of the table; added “it must demonstrate that the”; changed the ending period to a semicolon; added the ending conjunction “and”

611.1021(f)(10)(B)	141.721(f) table	Added the subsection designation to accommodate the subdivided material from the introductory statement in the second column and the entire third column of the table; changed added the indefinite article “a” changed “summarizing” to “that summarizes”; placed the subdivided second column entries into separate subordinate subsections
611.1021(f)(10)(B)(i)	141.721(f) table	Added the subsection designation to accommodate the subdivided material from the second column of the table; added “it must summarize”; added the ending conjunction “and”
611.1021(f)(10)(B)(ii)	141.721(f) table	Added the subsection designation to accommodate the subdivided material from the second column of the table; added “it must summarize”; changed “state-approved” to capitalized “Agency-approved”
611.1021(f)(11)	141.721(f) table	Added the subsection designation to accommodate the tabulated material; added “a supplier that uses the” before “second stage filtration toolbox option”; omitted “systems” from before “must submit”; omitted “on the following schedule”
611.1021(f)(12)	141.721(f) table	Added the subsection designation to accommodate the tabulated material; added “a supplier that uses the” before “slow sand filtration (as secondary filter) toolbox option”; omitted “systems” from before “must submit”; omitted “on the following schedule”; changed “subpart H” to “Subpart B”
611.1021(f)(13)	141.721(f) table	Added the subsection designation to accommodate the tabulated material; added “a supplier that uses the” before “chlorine dioxide toolbox option”; omitted “systems” from before “must submit”; added “a monthly” before “summary”; omitted “on the following schedule”

611.1021(f)(14)	141.721(f) table	Added the subsection designation to accommodate the tabulated material; added “a supplier that uses the” before “ozone toolbox option”; omitted “systems” from before “must submit”; added “a monthly” before “summary”; omitted “on the following schedule”
611.1021(f)(15)	141.721(f) table	Added the subsection designation to accommodate the tabulated material; added “a supplier that uses the” before “UV toolbox option”; omitted “systems” from before “must submit”; added “a monthly” before “summary”; changed “following” to “indicated”; changed the ending period to a colon; placed the subdivided entries into separate subordinate subsections
611.1021(f)(15)(A)	141.721(f) table	Added the subsection designation to accommodate the subdivided material from the second and third columns of the table; changed “demonstrating” to “that demonstrate”
611.1021(f)(15)(B)	141.721(f) table	Added the subsection designation to accommodate the subdivided material from the second and third columns of the table; added the indefinite article “a”
611.1021 Board note	141.721	Added the citation to the federal source of the material
611.1022 heading	141.722 heading	Added the federal subheading “Reporting and Recordkeeping Requirements” to the Section heading, offset by a colon
611.1022(a)	141.722(a)	Changed “systems” to singular “a supplier”; changed “under” to “pursuant to” (four times); changed numeric “3” to written “three”; changed “filtered systems” to singular “a filtered system supplier”; changed “unfiltered systems” to singular “an unfiltered system supplier”
611.1022(b)	141.722(b)	Changed “systems . . . they” to singular “a supplier . . . it”; changed “State” to “Agency”; changed numeric “3” to written “three”



611.1022(c)	141.722(c)	Changed “systems” to singular “a supplier”; changed “under” to “pursuant to” (twice); changed numeric “3” to written “three”
611.1022 Board note	141.722	Added the citation to the federal source of the material
611.1023 heading	141.723 heading	Changed “EPA” to “USEPA or the Agency”
611.1023(a)	141.723(a)	Added quotation marks to the defined term “sanitary survey”
611.1023(b)	141.723(b)	Added quotation marks to the defined term “significant deficiency”; changed “system” to “supplier”; changed “EPA” to “USEPA or the Agency”
611.1023(c)	141.723(c)	Changed “EPA” to “USEPA or the Agency”; changed “systems” to singular “the supplier”; changed “system” to “supplier”
611.1023(d)	141.723(d)	Changed “systems” to singular “a supplier”; changed “EPA” to “USEPA or the Agency”; changed “under” to “pursuant to”; changed “system” to “supplier”
611.1023 Board note	141.723	Added the citation to the federal source of the material
611.Appendix G, ¶ I., A., 11.	40 CFR 141, subpart Q, appendix A	Changed “ground water” to “groundwater”
611.Appendix G, ¶ I., G., 1.	40 CFR 141, subpart Q, appendix A	Changed “141.600-141.605, 141.620-141.629” to “Subparts W and Y of this Part”
611.Appendix G, ¶ I., G., 2.	40 CFR 141, subpart Q, appendix A	Changed “141.600-141.605, 141.620-141.629” to “Subparts W and Y of this Part”
611.Appendix G, ¶ IV., F.	40 CFR 141, subpart Q, appendix A	Changed “Water Sample Positive for GWR Fecal” to lower-case “water sample positive for groundwater rule fecal”
611.Appendix G, note 14	40 CFR 141, subpart Q, appendix A	Changed “141.620-141.629 take” to “Subpart Y of this Part takes”; added “set forth” before “in”

611.Appendix G, note 21	40 CFR 141, subpart Q, appendix A	Changed “primacy agencies” to “the Agency”; added “any” before “other”; changed “situations” to singular “situation”; added “in writing” after “deems appropriate”; added “prospective” before “threat”; added “which it determines that the situation poses” before “to public health”; added “and subject to Board review . . . [415 ILCS 5/40]” offset by a comma
611.Appendix G, note 22	40 CFR 141, subpart Q, appendix A	Added the indefinite article “a” before “failure”
611.Appendix H, ¶ 1c.	40 CFR 141, subpart Q, appendix B	Moved the information in the second and third columns to align with the appropriate material in column one
611.Appendix H, ¶ 1d.	40 CFR 141, subpart Q, appendix B	Changed “ground water” to “groundwater”
611.Appendix H, note 18	40 CFR 141, subpart Q, appendix B	Removed the past effective dates “January 1, 2002” and “January 1, 2004,” “removed the system size limitation statements “systems serving $\geq 10,000$ ” and “all other,” and combined the first two sentences into a single statement; changed “subpart L” to “Subpart I”
611.Appendix H, note 19	40 CFR 141, subpart Q, appendix B	Changed “subpart V” to “Subpart Y”; changed “mg/L” to “mg/l” (twice)
611.Table H heading	141.723(b)(1) table heading	Changed “mg min/L” to “mg·min/l”
611.Table H	141.723(b)(1) table	Separated the table from the main text of the rules; changed “ $\leq$ ” to “ $\leq$ ” in the second column heading
611.Table H appended text	141.723(b)(1) table note 1	Changed “systems” to singular “a supplier”; changed “this” to “the following”; added “in °C” in parentheses after “Temp” in the equation
611.Table H Board note	141.723(b)(1) table	Added the citation to the federal source of the material
611.Table I heading	141.723(b)(2) table heading	Changed “mg min/L” to “mg·min/l”
611.Table I	141.723(b)(2) table	Separated the table from the main text of the rules; changed “ $\leq$ ” to “ $\leq$ ” in the second column heading

611.Table I appended text	141.723(b)(2) table note 1	Changed “systems” to singular “a supplier”; changed “this” to “the following”; added “in °C” in parentheses after “Temp” in the equation
611.Table I appended text	141.723(b)(2) table note 1	Changed “systems” to singular “a supplier”; changed “this” to “the following”; added “in °C” in parentheses after “Temp” in the equation
611.Table I Board note	141.723(b)(2) table	Added the citation to the federal source of the material
611.Table J	141.723(d)(1) table	Separated the table from the main text of the rules
611.Table J Board note	141.723(d)(1) table	Added the citation to the federal source of the material

**Table2:  
Board Housekeeping Amendments**

Section	Source	Revision(s)
611 table of contents, 611.310 heading	Board	Changed “Old” to “State-Only”
611.101 “Ai”	Board	Removed the definition in favor of including the abbreviation in the definition of “inactivation ratio”
611.101 “approved source of bottled water” Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.101 “CT <sub>99.9</sub> ” Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.101 “groundwater system”	Board	Combined the definition of “groundwater system” from the federal rules with the definition of “GWS”
611.101 “groundwater system” Board note	Board	Changed “drawn from” to “derived from”; changed “&” to “and”; updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.101 “GWS”	Board	Combined the definition of “groundwater system” from the federal rules with the definition of “GWS”
611.101 “inactivation ratio”	Board	changed “(Ai)” to “or Ai”
611.101 “inactivation ratio” Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.101 “inorganic contaminants” Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.101 “MFL” Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition

611.101 “mixed system” Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.101 “public water supply”	Board	Added the sentence “A PWS does not include . . . ‘special irrigation district.’” originally omitted from the federal text
611.101 “radioactive contaminants” Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.101 “reliably and consistency” Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.101 “sanitary survey”	Board, JCAR	Changed “for producing and distributing” to “for the production and distribution of”
611.101 “special irrigation district” Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.101 “SWS” Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.101 “transient, non-community water system” Board note	Board, JCAR, USEPA	Changed “having” to “that have”; changed “regularly serving” to “which regularly serve”
611.101 “uncovered finished water storage facility”	Board	Moved “which is used . . . residual disinfection” to precede “open to the atmosphere”; changed “that” to “which” for a subsequent restrictive relative clause
611.101 “wellhead protection program” Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.101 Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.102(a) “determination of inorganic oxyhalide”	Board	Added the definition of the short-form reference title
611.102(a) “E*Colite Test”	Board	Added the definition of the short-form reference title
611.102(a) “EC-MUG”	Board	Added the definition of the short-form reference title
611.102(a) “Enterolert”	Board	Added the definition of the short-form reference title
611.102(a) “Kelada 01”	Board	Changed “EPA # 821-B-01-009” to “EPA 821/B-01/009”
611.102(a) “m-ColiBlue24 Test”	Board	Added the definition of the short-form reference title
611.102(a) “NA-MUG”	Board	Added the definition of the short-form reference title

611.102(a) “ONPG-MUG”	Board	Corrected “ONPG-MUG” to “ONPG-MUG”; added “19th, 20th, or 21st”; added “and the American Water Works Association”
611.102(a) “USEPA Interim Radiochemical Methods”	Board	Corrected “EPA 600/4-75-008” to “EPA 600/4-75/008”
611.102(a) “USEPA Method 1600”	Board	Added the definition of the short-form reference title
611.102(a) “USEPA Method 1601”	Board	Added the definition of the short-form reference title
611.102(a) “USEPA Method 1602”	Board	Added the definition of the short-form reference title
611.102(a) “USEPA Method 1604”	Board	Added the definition of the short-form reference title
611.102(a) “USEPA Method 1622 (05)”	Board	Added the definition of the short-form reference title
611.102(a) “USEPA Method 1622 (01)”	Board	Added the definition of the short-form reference title
611.102(a) “USEPA Method 1622 (99)”	Board	Added the definition of the short-form reference title
611.102(a) “USEPA Method 1623 (05)”	Board	Added the definition of the short-form reference title
611.102(a) “USEPA Method 1623 (01)”	Board	Added the definition of the short-form reference title
611.102(a) “USEPA Method 1623 (99)”	Board	Added the definition of the short-form reference title
611.102(a) “USEPA OGWDW Methods”	Board	Added the definition of the short-form reference title
611.102(a) “USEPA Organic Methods”	Board	Corrected “EPA 815/B/01/002” to “EPA 815/B-01/002”
611.102(a) “USEPA Organic and Inorganic Methods”	Board	Added the definition of the short-form reference title
611.102(a) “USEPA NERL Method 415.3 (rev. 1.1)”	Board	Added the definition of the short-form reference title
611.102(a) “USEPA Radioactivity Methods”	Board	Corrected “EPA 600/4-80-032” to “EPA 600/4-80/032”
611.102(a) “USEPA Radiochemistry Methods”	Board	Corrected “EPA 520/5-84-006” to “EPA 520/5-84/006”

611.102(b) "APHA"	Board	Added the abbreviation "APHA"; corrected "(800-645-5476)" to "202-777-2742"; added the reference to "Standard Methods for the Examination of Water and Wastewater,' 21st Edition"
611.102(b) "American Society for Microbiology"	Board	Added the listing to reference "Evaluation of Enterolert for Enumeration of Enterococci in Recreational Waters"; added the Board note to explain the reference
611.102(b) "AWWA"	Board	Added the abbreviation "AWWA"; corrected "Waterworks" to "Water Works"
611.102(b) "AWWA," "Standard Methods . . . , 18th Edition," "Method 9223"	Board	Added "(also referred to as the variations 'Autoanalysis Colilert System' and 'Colisure Test')" for the alternative titles for the method; changed "Sections 611.526 and 611.531" to "Sections 611.526, 611.531, and 611.1004"
611.102(b) "AWWA," "Standard Methods . . . , 19th Edition," "Method 4500-ClO <sub>2</sub> E"	Board	Removed "(Proposed)" from the method title
611.102(b) "AWWA," "Standard Methods . . . , 19th Edition," "Method 9223"	Board	Removed "(Proposed)" from the method title; added "(also referred to as the variations 'Autoanalysis Colilert System' and 'Colisure Test')" for the alternative titles for the method; changed "Sections 611.526 and 611.531" to "Sections 611.526, 611.531, and 611.1004"
611.102(b) "AWWA," "Standard Methods . . . , 20th Edition," "Method 5910 B"	Board	Added "referenced in Sections 611.381 and 611.382" offset by a comma
611.102(b) "AWWA," "Standard Methods . . . , 20th Edition," "Method 6251"	Board	Added "referenced in Section 611.381" offset by a comma
611.102(b) "AWWA," "Standard Methods . . . , 20th Edition," "Method 9221 F"	Board	Added "referenced in Section 611.802" offset by a comma
611.102(b) "AWWA," "Standard Methods . . . , 20th Edition," "Method 9223"	Board	Removed "(Proposed)" from the method title; added "(also referred to as the variations 'Autoanalysis Colilert System' and 'Colisure Test')" for the alternative titles for the method; changed "Sections 611.526 and 611.531" to "Sections 611.526, 611.531, and 611.802"
611.102(b) "AWWA," "Standard Methods . . . , 21st Edition," "Method 4500-Cl D"	Board	Added "referenced in Section 611.381" offset by a comma

611.102(b) "AWWA," "Standard Methods ... , 21st Edition," "Method 4500-CI E"	Board	Added "referenced in Section 611.381" offset by a comma
611.102(b) "AWWA," "Standard Methods ... , 21st Edition," "Method 4500-CI F"	Board	Added "referenced in Section 611.381" offset by a comma
611.102(b) "AWWA," "Standard Methods ... , 21st Edition," "Method 4500-CI G"	Board	Added "referenced in Section 611.381" offset by a comma
611.102(b) "AWWA," "Standard Methods ... , 21st Edition," "Method 4500-CI H"	Board	Added "referenced in Section 611.381" offset by a comma
611.102(b) "AWWA," "Standard Methods ... , 21st Edition," "Method 4500-CI I"	Board	Added "referenced in Section 611.381" offset by a comma
611.102(b) "AWWA," "Standard Methods ... , 21st Edition," "Method 4500-CIO <sub>2</sub> E"	Board	Added "referenced in Section 611.381" offset by a comma
611.102(b) "AWWA," "Standard Methods ... , 21st Edition," "Method 5310 B"	Board	Added "referenced in Section 611.381" offset by a comma
611.102(b) "AWWA," "Standard Methods ... , 21st Edition," "Method 5310 C"	Board	Added "referenced in Section 611.381" offset by a comma
611.102(b) "AWWA," "Standard Methods ... , 21st Edition," "Method 5310 D"	Board	Added "referenced in Section 611.381" offset by a comma
611.102(b) "AWWA," "Standard Methods ... , 21st Edition," "Method 5910 B"	Board	Added "referenced in Sections 611.381 and 611.382" offset by a comma
611.102(b) "AWWA," "Standard Methods ... , 21st Edition," "Method 6251"	Board	Added "referenced in Section 611.381" offset by a comma

611.102(b) "AWWA," "Standard Methods . . . , 21st Edition," Board note	Board	Added the statement of on-line availability
611.102(b) "ASTM," "ASTM Method D1253-96"	Board	Added "referenced in Section 611.381" offset by a comma
611.102(b) "ASTM," "ASTM Method D1253-03"	Board	Added "referenced in Section 611.381" offset by a comma
611.102(b) "ASTM," "ASTM Method D6581-00"	Board	Added "referenced in Section 611.381" offset by a comma
611.102(b) "Bran & Luebbe"	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition (twice)
611.102(b) "Charm Sciences, Inc."	Board	Added "(also referred to as 'E*Colite Test')" for the short-form title for the method; added "referenced in Section 611.802 (also . . . Water Resource Center)" offset by a comma
611.102(b) "ERDA Health and Safety Laboratory"	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.102(b) "The Hach Company," "Total Coliforms . . . m- ColiBlue24® Broth"	Board	Added "(also referred to as 'm-ColiBlue24 Test')" for the short-form title for the method; added "referenced in Section 611.802 (also . . . Water Resource Center)" offset by a comma
611.102(b) "NTIS," "Kelada Automated Test Methods for . . . Thiocyanate"	Board	Changed "EPA # 821-B-01-009" to "EPA 821/B-01-009"
611.102(b) "NTIS," "Method 100.1"	Board	Changed "EPA-600/4-83-043" to "EPA 600/4-83-043"
611.102(b) "NTIS," "Method 100.2"	Board	Corrected "EPA-600/4-83-043" to "EPA 600/R-94-134"
611.102(b) "NTIS," "Methods for Chemical Analysis of Water and Wastes"	Board	Added "EPA 600/4-79-020" before "Doc. No. PB84-128677"
611.102(b) "NTIS," "Methods for the Determination of Inorganic Substances in Environmental Samples"	Board	Added "EPA 600/R-93-100, Doc. No." before "PB94-120821"; changed "Sections 611.531 and 611.611" to "Sections 611.381, 611.531, and 611.611"; added "(For methods 180.1, . . . and 365.1.)"



611.102(b) "NTIS," "Methods for the Determination of Metals in Environmental Samples"	Board	Added "EPA 600/4-91-010, Doc. No." before "PB94-120821"; added "EPA 600/R-94-111" before "Doc. No. PB95-125472"; changed "Sections 611.531 and 611.611" to "Sections 611.381, 611.531, and 611.611"; added "(For methods 200.7, . . . and 245.1.)"
611.102(b) "NTIS," "Methods for the Determination of Organic and Inorganic Compounds in Drinking Water"	Board	Added "Doc. No." before "PB2000-106981"; added "(referred to as 'USEPA . . . Methods'), referenced in Section 611.381"; added parentheses before and after "For methods 300.1 and 321.8."
611.102(b) "NTIS," "Methods for the Determination of Organic Compounds in Drinking Water"	Board	Changed "EPA-600/4-88/039" to "EPA 600/4-88/039"; added "Doc. No. PB91-231480" offset by a comma
611.102(b) "NTIS," "Methods for the Determination of Organic Compounds in Drinking Water— Supplement II"	Board	Changed "EPA-600/R-92-129" to "EPA 600/R-92/129"; added "Doc. No. PB92-207703" offset by a comma; changed "Section 611.645" to "Section 611.645 and 611.381"
611.102(b) "NTIS," "Prescribed Procedures for Measurement of Radioactivity in Drinking Water— Supplement II"	Board	Changed "EPA 600/4-80-032" to "EPA 600/4-80/032"; changed "document number" to "Doc. No." removing the parentheses and offsetting it by a comma; changed "Methods" to "For methods"
611.102(b) "NTIS," "Radiochemistry Procedures Manual"	Board	Changed "EPA-520/5-84-006" to "EPA 520/5-84-006"; corrected "PB-84-215581" to "Doc. No. PB84-215581"
611.102(b) "NTIS," "Technical Notes on Drinking Water Methods"	Board	Changed "EPA-600/R-94-173" to "EPA 600/R-94/173"; corrected "PB-104766" to "Doc. No. PB95-104766"
611.102(b) "NTIS," "Technical Notes on Drinking Water Methods" Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition

611.102(b) "NTIS," "Method 1613: Tetra- through Octa- Chlorinated Dioxins ... HRGC/HRMS"	Board	Changed "EPA-821/B-94-005" to "EPA 821/B-94/005"; added "Doc. No. 94-104774" offset by a comma
611.102(b) "United States Environmental Protection Agency, Office of Ground Water and Drinking Water," "USEPA Method 515.4"	Board	Added "USEPA" before "Method 515.4"; moved "Revision 1.0" from after the title to follow the method number; changed "EPA-815/B-00-001" to "EPA 815/B- 00/001"; added "referred to as 'OGWDW Methods, Method 515.4, rev. 1.0'" in parentheses
611.102(b) "United States Environmental Protection Agency, Office of Ground Water and Drinking Water," "USEPA Method 531.2"	Board	Added "USEPA" before "Method 531.2"; moved "Revision 1.0" from after the title to follow the method number; changed "EPA-815/B-01-002" to "EPA 815/B- 01/002"; added "referred to as 'OGWDW Methods, Method 531.2, rev. 1.0'" in parentheses
611.102(b) "United States Environmental Protection Agency, EMSL," "Interim Radiochemical Methodology for Drinking Water"	Board	Changed "EPA-600/4-75-008" to "EPA 600/4-75/008"
611.102(b) "United States Environmental Protection Agency, EMSL," "Methods for the Determination of Organic Compounds in Drinking Water"	Board	Changed "EPA-600/4-88/039" to "EPA 600/4-88/039"
611.102(c) "40 CFR 3.2"	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition, including removal of an obsolete <i>Federal Register</i> citation
611.102(c) "40 CFR 3.3"	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition, including removal of an obsolete <i>Federal Register</i> citation
611.102(c) "40 CFR 3.10"	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition, including removal of an obsolete <i>Federal Register</i> citation
611.102(c) "40 CFR 3.2000"	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition, including removal of an obsolete <i>Federal Register</i> citation

611.102(c) “appendix B to 40 CFR 136”	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.160(a)(2) Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.160 Board note	Board	Corrected “40 CFR 142.16” to “40 CFR 142.16(g)”; updated the citation to the Code of Federal Regulations to the most recent edition
611.310 heading	Board	Changed “Old” to “State-Only”
611.310	Board	Added “State-only” before “MCLs” (three times)
611.310 Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition (twice); added the statement “USEPA removed . . . at 71 Fed. Reg. 388 (Jan. 4, 2006).”
611.312 Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.381(b)(1)	Board	Added “appropriate of the following” before “methods”; removed “(as modified by the footnotes) listed in the following table”; reformatted the table to standard paragraph format
611.381(b)(1)(A)	Board	Added the subsection designation
611.381(b)(1)(A)(i)	Board	Added the subsection designation; added “by”; changed “P&T/GC/EICD & PID” to “purge and trap, gas chromatography, electrolytic conductivity detector, and photoionization detector”; added the colon; changed “EPA Method 502.2” to “USEPA Organic Methods, Method 502.2”; added the footnoted material to the text of the subsection; changed “PID” to “photoionization detector”
611.381(b)(1)(A)(ii)	Board	Added the subsection designation; added “by”; changed “P&T/GC/MS” to “purge and trap, gas chromatography, mass spectrometer”; added the colon; changed “EPA Method 524.2” to “USEPA Organic Methods, Method 524.2”
611.381(b)(1)(A)(iii)	Board	Added the subsection designation; added “by”; changed “LLE/GC/ECD” to “liquid/liquid extraction, gas chromatography, electron capture detector”; added the colon; changed “EPA Method 551.1” to “USEPA Organic Methods, Method 551.1”
611.381(b)(1)(B)(i)	Board	Added the subsection designation; added “by”; changed “LLE (diazomethane)/GC/ECD” to “liquid/liquid extraction (diazomethane), gas chromatography, electron capture detector”; added the colon

611.381(b)(1)(B)(ii)	Board	Added the subsection designation; added “by”; changed “SPE (acidic methanol)/GC/ECD” to “solid phase extractor (acid methanol), gas chromatography, electron capture detector”; added the colon; changed “EPA Method 552.1” to “USEPA Organic Methods, Method 552.1”
611.381(b)(1)(B)(iii)	Board	Added the subsection designation; added “by”; changed “LLE (acidic methanol)/GC/ECD” to “liquid/liquid extraction (acid methanol), gas chromatography, electron capture detector”; added the colon; changed “EPA Method 552.2” to “USEPA Organic Methods, Method 552.2”
611.381(b)(1)(C)(i)	Board	Added the subsection designation; added “by”; added the colon; changed “EPA Method 300.1” to “USEPA Organic and Inorganic Methods, Method 300.1”
611.381(b)(1)(D)(i)	Board	Added the subsection designation; added “by”; added the colon; changed “EPA Method 300.1” to “USEPA Organic and Inorganic Methods, Method 300.1”
611.381(b)(1)(B)(iii)	Board	Added the subsection designation; added “by”; changed “IC” to “ion chromatography”; added the colon; changed “EPA Method 300.0” to “USEPA Environmental Inorganic Methods, Method 300.0”; changed “EPA Method 300.1” to “USEPA Organic and Inorganic Methods, Method 300.1”
611.381(b)(1)(D) Board note	Board	Added the footnote as a Board note appended to the listing for the contaminant of interest
611.381(b)(2)	Board	Added “listed” after “contaminants”
611.381(c)(1)	Board	Added “appropriate of the” before “methods”; changed “(as modified by the footnotes) listed in the following table” to “listed in subsections (c)(1)(A) through (c)(1)(D) of this Section”; added “subject to the provisions of subsection (c)(1)(E) of this Section” offset by a comma; reformatted the table to standard paragraph format
611.381(c)(1)(A)	Board	Added the subsection designation; changed “chlorine” to capitalized “Chlorine”; added the ending colon
611.381(c)(1)(A)(i)	Board	Added the subsection designation; changed “Titration” to lower-case “titration”; added “using”; added reference to the 20th edition of Standard Methods
611.381(c)(1)(A)(ii)	Board	Added the subsection designation; changed “Ferrous Titration” to lower-case “ferrous titration”; added “using”; added reference to the 20th edition of Standard Methods

611.381(c)(1)(A)(iii)	Board	Added the subsection designation; changed “Colorimetric” to lower-case “colorimetric”; added “using”; added reference to the 20th edition of Standard Methods
611.381(c)(1)(A)(iv)	Board	Added the subsection designation; added “using”; added reference to the 20th edition of Standard Methods
611.381(c)(1)(B)	Board	Added the subsection designation; changed “chlorine” to capitalized “Chlorine”; added the ending colon
611.381(c)(1)(B)(i)	Board	Added the subsection designation; changed “Titration” to lower-case “titration”; added “using”; added reference to the 20th edition of Standard Methods
611.381(c)(1)(B)(ii)	Board	Added the subsection designation; changed “Ferrous Titration” to lower-case “ferrous titration”; added “using”; added reference to the 20th edition of Standard Methods
611.381(c)(1)(B)(iii)	Board	Added the subsection designation; changed “Colorimetric” to lower-case “colorimetric”; added “using”; added reference to the 20th edition of Standard Methods
611.381(c)(1)(C)	Board	Added the subsection designation; changed “chlorine” to capitalized “Chlorine”; added the ending colon
611.381(c)(1)(C)(i)	Board	Added the subsection designation; changed “Titration” to lower-case “titration”; added “using”; added reference to the 20th edition of Standard Methods
611.381(c)(1)(C)(ii)	Board	Added the subsection designation; changed “Low Level Amperometric Titration” to hyphenated, lower-case “low-level amperometric titration”; added “using”; added reference to the 20th edition of Standard Methods
611.381(c)(1)(C)(iii)	Board	Added the subsection designation; changed “Ferrous Titration” to lower-case “ferrous titration”; added “using”; added reference to the 20th edition of Standard Methods
611.381(c)(1)(C)(iv)	Board	Added the subsection designation; changed “Colorimetric” to lower-case “colorimetric”; added “using”; added reference to the 20th edition of Standard Methods
611.381(c)(1)(C)(v)	Board	Added the subsection designation; changed “Electrode” to lower-case “electrode”; added “using”; added reference to the 20th edition of Standard Methods
611.381(c)(1)(D)	Board	Added the subsection designation; changed “dioxide” to capitalized “Dioxide”; added the ending colon
611.381(c)(1)(D)(i)	Board	Added the subsection designation; added “using”; added reference to the 20th edition of Standard Methods
611.381(c)(1)(D)(ii)	Board	Added the subsection designation; added “using”; added reference to the 20th edition of Standard Methods

611.381(c)(1)(E)	Board	Added the subsection designation; moved the footnote material into the text
611.381(d)(1)	JCAR	Changed the ending semicolon to a period
611.381(d)(2)	Board	Moved the methods to separate subsections (d)(2)(A) and (d)(2)(B); changed the ending period to a colon
611.381(d)(2)(A)	Board	Added the subsection to list the method individually; changed “USEPA Method 300.0” to “USEPA Inorganic Methods, Method 300.0”
611.381(d)(2)(B)	Board	Added the subsection to list the method individually; changed “USEPA Method 300.1” to “USEPA organic and Inorganic Methods, Method 300.1”
611.381(d)(3)	Board	Moved the methods to separate subsections (d)(3)(A) and (d)(3)(B); added “by any of the methods . . . of this Section, subject to the limitations of . . . this Section”; changed the ending period to a colon
611.381(d)(3)(A)	Board	Added the subsection designation; added “using one of the following methods”; added reference to the 20th edition of Standard Methods
611.381(d)(3)(C)	Board	Added the subsection designation to list the conditions separately;
611.381 Board note	Board	Updated the citation to the Code of Federal Regulations to the most recent edition
611.382(b)(1)(B)(ii) Board note	Board	Changed “serving” to “that serves”
611.382(b)(1)(B)(iii)	Board	Changed “serving” to “that serves”
611.382(b)(1)(B)(iv)	Board	Changed “using” to “that uses”; changed “serving” to “which serves”
611.382(b)(1)(D)	Agency	Removed the unnecessary parenthetical “(minimum monitoring frequency column)”; removed the unnecessary parenthetical “(sample location column)”
611.382(f)	Board	Changed “serving” to “that serves”
611.382 Board note	Board	Updated the citation to the Code of Federal Regulations to the most recent edition
611.383 Board note	Board	Updated the citation to the Code of Federal Regulations to the most recent edition
611.385 Board note	Board	Updated the citation to the Code of Federal Regulations to the most recent edition
611.490(a)(3)	Board	Added “for”; added a comma after “pH” to offset the introductory prepositional phrase; changed “may be performed” to “by a person”
611.490(b) Board note	Board	Deleted the note, moving the material to a new ending note
611.490(c) Board note	Board	Deleted the note, moving the material to a new ending note

611.490 Board note	Board	Moved the material from two notes into a single ending note; updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition, including a <i>Federal Register</i> citation for later amendments
611.524 Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition, including a <i>Federal Register</i> citation for later amendments
611.680(b)	Board	Changed “serving” to “that serves”
611.680(c)	Board	Changed “serving” to “that serves”
611.680(d)	Board	Changed “serving” to “that serves”
811.860 Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
811.881 Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.883(b)(2)	JCAR	Corrected “Sections 611.111, 611.112, 611.130, or 611.131” to singular “Section 611.111, 611.112, 611.130, or 611.131”
811.883 Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition, including a <i>Federal Register</i> citation for later amendments
611.902(a)(1)	Board	Changed the ending semicolon to a period
611.902(a)(2)	Board	Changed the ending semicolon to a period
611.902(a)(3)	Board	Changed the ending semicolon to a period
611.902(a)(4)	Board	Changed the ending semicolon to a period
611.902(a)(5)	Board	Changed the ending semicolon to a period
611.902(a)(6)	Board	Changed the ending semicolon to a period
611.902(a)(7)	Board	Changed the ending semicolon to a period
811.902 Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition, including a <i>Federal Register</i> citation for later amendments
611.902(a)(1)	Board	Changed the ending semicolon to a period
611.902(a)(2)	Board	Changed the ending semicolon to a period; removed the ending conjunction “and”
611.903 Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition, including a <i>Federal Register</i> citation for later amendments
611.Appendix A Board note	Board	Changed “Appendix A to Subpart O to 40 CFR 141” to lower-case “appendix A to subpart O to 40 CFR 141”; updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition, including a <i>Federal Register</i> citation for later amendments
611.Appendix C Board note	Board	Changed “40 CFR 141.30 and 261, Appendix A” to lower-case “40 CFR 141.30 and 261, appendix A”; updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition

611.Appendix G, ¶ I., B., 2.	Board	Corrected the footnote number “10” to “8”
611.Appendix G, ¶ I., G., 1.	Board	Added the footnote number “14”
611.Appendix G, ¶ IV., G.	Board	Added the footnote number “14”
611.Appendix G, note 7	Board	Changed “serving” to “that serves”
611.Appendix G, note 8	Board	Replaced the language relating to a past date with explanatory language
611.Appendix G, note 9	Board	Replaced the language relating to a past date with explanatory language
611.Appendix G, note 11	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.Appendix G, note 12	Agency	Replaced the explanatory language with the text from corresponding appendix A to subpart Q of 40 C.F.R. 141
611.Appendix G, note 13	Board	Changed “serving” to “that serves”
611.Appendix G, note 21	Board	Added the previously-omitted footnote material
611.Appendix G Board note	Board	Changed “Appendix A to Subpart O to 40 CFR 141” to lower-case “appendix A to subpart O to 40 CFR 141”; updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.Appendix H, note 8	Board, JCAR	Changed “systems serving” to singular “a supplier that serves”
611.Appendix H, note 17	Board	Changed “Appendix B to Subpart O to 40 CFR 141” to lower-case “appendix B to subpart O to 40 CFR 141”; updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition
611.Appendix H, note 18	Board	Added the indefinite article “a” before “Subpart B”; changed “using” to “that uses”; changed “transient non-community system” to “transient non-community system supplier”
611.Appendix H Board note	Board	Changed “Appendix B to Subpart O to 40 CFR 141” to lower-case “appendix B to subpart O to 40 CFR 141”; updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition, including a <i>Federal Register</i> citation for later amendments
611.Appendix I “GWR”	Board	Changed “ground water” to “groundwater”
611.Appendix I Board note	Board	Updated the citation to the <i>Code of Federal Regulations</i> to the most recent edition, including deletion of an outdated <i>Federal Register</i> citation for older amendments and addition of another for later amendments



611.Table Z “Lead and Copper” (two entries)	Board, JCAR	Changed “40 CFR, Subpart I” to lower-case “40 CFR 141, subpart I”
611.Table Z “Consumer Confidence Report Rule”	Board, JCAR	Changed “40 CFR, Subpart I” to lower-case “40 CFR 141, subpart I”
611.Table Z “Lead and Copper”	Board, JCAR	Changed “40 CFR 141, Subpart Q” to lower-case “40 CFR 141, subpart Q”
611.Table Z “Interim Enhanced Surface Water Rule”	Board, JCAR	Changed “40 CFR 141, Subpart P” to lower-case “40 CFR 141, subpart P”; corrected “Subpart R” to “Subpart R of this Part”
611.Table Z “Public Notification Rule”	Board, JCAR	Changed “40 CFR 141, Subpart Q” to lower-case “40 CFR 141, subpart Q”; corrected “Subpart V” to “Subpart V of this Part”
611.Table Z “Disinfection/Disinfectant Byproducts Rule”	Board, JCAR	Changed “40 CFR 141.64, 141.65 & 141, Subpart L” to lower-case “40 CFR 141.64, 141.65 & 141, subpart L”; corrected “Section 611.312 & 611.313” to “Sections 611.312 & 611.313”
611.Table Z “Long Term 1 Enhanced Surface Water Treatment Rule”	Board, JCAR	Changed “40 CFR 141, Subpart T” to lower-case “40 CFR 141, subpart T”; corrected “Subpart X” to “Subpart X of this Part”
611.Table Z “Stage 2 Disinfection/Disinfectant Byproducts Rule”	Board	Added the entry for the new rule
611.Table Z “Long Term 2 Enhanced Surface Water Treatment Rule”	Board	Added the entry for the new rule
611.Table Z “Groundwater Rule”	Board	Added the entry for the new rule

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

Section	Source	Revision(s)
611 table of contents, Subpart Z heading	JCAR	Corrected the underlining of the text to indicate all new material
611 table of contents, 611.1000 heading	JCAR	Corrected the underlining of the text to indicate all new material
611 table of contents, 611.1001 heading	JCAR	Corrected the underlining of the text to indicate all new material
611 table of contents, 611.1002 heading	JCAR	Corrected the underlining of the text to indicate all new material

611 table of contents, 611.1003 heading	JCAR	Corrected the underlining of the text to indicate all new material
611 table of contents, 611.1004 heading	JCAR	Corrected the underlining of the text to indicate all new material
611 table of contents, 611.1005 heading	JCAR	Corrected the underlining of the text to indicate all new material
611 table of contents, 611.1006 heading	JCAR	Corrected the underlining of the text to indicate all new material
611 table of contents, 611.1007 heading	JCAR	Corrected the underlining of the text to indicate all new material
611 table of contents, 611.1008 heading	JCAR	Corrected the underlining of the text to indicate all new material
611 table of contents, 611.1009 heading	JCAR	Corrected the underlining of the text to indicate all new material
611 table of contents, 611.1010 heading	JCAR	Corrected the underlining of the text to indicate all new material
611 table of contents, 611.1011 heading	JCAR	Corrected the underlining of the text to indicate all new material
611 table of contents, 611.1012 heading	JCAR	Corrected the underlining of the text to indicate all new material
611 table of contents, 611.1013 heading	JCAR	Corrected the underlining of the text to indicate all new material
611 table of contents, 611.1014 heading	JCAR	Corrected the underlining of the text to indicate all new material
611 table of contents, 611.1015 heading	JCAR	Corrected the underlining of the text to indicate all new material
611 table of contents, 611.1016 heading	JCAR	Corrected the underlining of the text to indicate all new material
611 table of contents, 611.1017 heading	JCAR	Corrected the underlining of the text to indicate all new material
611 table of contents, 611.1018 heading	JCAR	Corrected the underlining of the text to indicate all new material
611 table of contents, 611.1019 heading	JCAR	Corrected the underlining of the text to indicate all new material
611 table of contents, 611.1020 heading	JCAR	Corrected the underlining of the text to indicate all new material
611 table of contents, 611.1021 heading	JCAR	Corrected the underlining of the text to indicate all new material
611 table of contents, 611.1022 heading	JCAR	Corrected the underlining of the text to indicate all new material
611 table of contents, 611.1023 heading	Board, JCAR	Changed the Section heading to title case; added underlining to the Section heading; removed the ending period
611.101 “bin”	Board	Added the definition

611.101 “bin” Board note	Board	Added explanation of the federal source of the added definition
611.101 “40/30 certification”	USEPA, Board, JCAR	Corrected “40/60” to “40/30”; corrected “systemexceeded” to “system exceeded”
611.101 “GAC 10”	JCAR	Corrected “611.312(b)(2)” to “Section 611.312(b)(2)”
611.101 “hydrogeologic sensitivity assessment”	JCAR	Corrected “C.F.R.” to “CFR”
611.101 “Subpart I compliance monitoring”	JCAR	Moved the definition to appropriate alphabetical order before “Subpart I system”
611.101 “initial distribution system evaluation”	JCAR	Added a comma after “but is distinct from” to completely offset the parenthetical
611.101 “initial distribution system evaluation” Board note	Agency	Corrected “40 CFR 611.921(c)” to “40 CFR 611.601(c)”
611.101 “sanitary survey”	Board, JCAR	Added “for the production” to replace the deleted words “for producing”; changed “distributing” to “distribution of”
611.101 “transient, non-community water system”	Board, JCAR, USEPA	Corrected “has” to plural “have”; corrected “serves” to plural “serve”
611.101 “wellhead protection area”	Agency, Board	Added the definition of the term used with regard to sanitary surveys in Section 611.801
611.101 “wellhead protection area”	Board, Agency	Added explanation of two documents used by the Agency to implement the Illinois Wellhead Protection Program
611.102(a) “USEPA Method 1600”	JCAR	Corrected “membrane-Enterococcus” to capitalized “Membrane-Enterococcus”
611.102(a) “EC-MUG”	JCAR	Corrected “E. Coli” to “E. coli”
611.102(a) “USEPA Method 1602”	JCAR	Corrected the spelling “menas” to “means”
611.102(a) “USEPA Method 1604”	JCAR	Added the comma to “USEPA, Water Resource Center”
611.102(a) “USEPA Method 1622(05)”	JCAR, Board	Removed the definite article “the” from before “USEPA, Office of Ground Water and Drinking Water”; removed the unnecessary works “as listed in subsection (b) of this Section” and the comma that offset them
611.102(a) “USEPA Method 1622(01)”	JCAR, Board	Removed the definite article “the” from before “USEPA, Office of Ground Water and Drinking Water”; removed the unnecessary works “as listed in subsection (b) of this Section” and the comma that offset them

611.102(a) "USEPA Method 1622(99)"	JCAR, Board	Removed the definite article "the" from before "USEPA, Office of Ground Water and Drinking Water"; removed the unnecessary works "as listed in subsection (b) of this Section" and the comma that offset them
611.102(a) "USEPA Method 1623(05)"	JCAR, Board	Removed the definite article "the" from before "USEPA, Office of Ground Water and Drinking Water"; removed the unnecessary works "as listed in subsection (b) of this Section" and the comma that offset them
611.102(a) "USEPA Method 1623(01)"	JCAR, Board	Removed the definite article "the" from before "USEPA, Office of Ground Water and Drinking Water"; removed the unnecessary works "as listed in subsection (b) of this Section" and the comma that offset them
611.102(a) "USEPA Method 1623(99)"	JCAR, Board	Removed the definite article "the" from before "USEPA, Office of Ground Water and Drinking Water"; removed the unnecessary works "as listed in subsection (b) of this Section" and the comma that offset them
611.102(a) "USEPA NERL Method 415.3 (rev. 1.1)"	JCAR, Board	Moved the entry to appropriate alphabetical order before "USEPA OGWDW Methods"
611.102(a) "USEPA OGWDW Method"	JCAR, Board	Corrected "Methods" to singular "Method"; removed the definite article "the" from before "USEPA"; removed the unnecessary works "as listed in subsection (b) of this Section" and the comma that offset them
611.102(a) "USGS Methods"	JCAR, Board	Changed the double hyphen to a dash
611.102(b) "AWWA," "Standard Methods . . . , 19th Edition," "Method 3120 B"	Board, JCAR	Corrected "Section 611.611 and 611.612" to plural "Sections 611.611 and 611.612"
611.102(b) "AWWA," "Standard Methods . . . , 19th Edition," "Method 4500-ClO <sub>2</sub> D"	Board, JCAR	Corrected "Section 611.611 and 611.612" to plural "Sections 611.611 and 611.612"
611.102(b) "NTIS," "Methods for the Determination . . . in Drinking Water— Supplement II"	Board, JCAR	Corrected "Section 611.645 and 611.381" to plural "Sections 611.381 and 611.645"

611.102(b) "United States Environmental Protection Agency, Office of Ground Water and Drinking Water," "EML Procedures Manual," "USEPA Method 317.0"	JCAR	Corrected "Section 611.381 and 611.382" to plural "Sections 611.381 and 611.382"
611.102(b) "United States Environmental Protection Agency, Office of Ground Water and Drinking Water," "USEPA Method 552.3"	Board, JCAR	Corrected "Liquidliquid" to hyphenated "Liquid-liquid"
611.102(b) "USEPA Water Resource Center," "USEPA Method 1600"	JCAR	Corrected "membrane-Enterococcus" to capitalized "Membrane-Enterococcus"
611.102(b) "USEPA Water Resource Center," "USEPA Method 1604"	JCAR	Added the missing opening quotation mark before the short-form title "USEPA Method 1604."
611.102(b) "appendix B to 40 CFR 136"	JCAR	Added the missing comma after "611.609" to offset the final element of a series.
611.161 preamble	Board, JCAR, Agency	Corrected "at they apply" to "as they apply"
611.161(c)	Board, JCAR, Agency	Removed the unnecessary word "after" from before "any other factors"
611.161 Board note	Board	Added "preamble" before "discussion"
611.Subpart F heading	JCAR, Agency	Replaced the heading for Subpart I with the heading for Subpart F at this location
611.312(a) table	JCAR	Changed "byproduct" to capitalized "Byproduct"
611.312(a)(1)	Board	Changed "Subpart B system" to "Subpart B system supplier"; changed "Subpart B" to "Subpart B system supplier"
611.312(b)(1)(A)	Board, JCAR	Changed "Subpart B system" to "Subpart B system supplier" (twice); changed "paragraph (b)(1)" to "subsection (b)(1)"
611.Subpart I heading	JCAR, Agency	Added "Subpart I:" to correct the heading format
611.381(b)(1)(A)(iii)	JCAR	Changed "liquid/liquid" to "liquid-liquid"

611.381(b)(1)(B)(i)	JCAR	Changed “liquid/liquid” to “liquid-liquid”
611.381(b)(1)(B)(iii)	JCAR	Changed “liquid/liquid” to “liquid-liquid”
611.381(b)(1)(D) Board note	JCAR	Corrected “Sections 611.382(b)(2)(A)(ii) and (b)(2)(B)” to singular “Section 611.382(b)(2)(A)(ii) and (b)(2)(B)”
611.381(b)(2)(B)	Board, JCAR	Changed “subject” to “subsection”; corrected the spelling “corrsponding” to “corresponding”
611.381(b)(2)(C)	Board	Changed “the following acceptance limits” to “the acceptance limits set forth in subsections (b)(2)(C)(i) through (b)(2)(C)(xi) of this Section”
611.381(b)(2)(D)(xiii)	Agency	Changed “State” to “Agency”
611.381(c)(1)(C)(ii)	Agency	Corrected “Method 4500-Cl F” to “Method 4500-Cl E”
611.381(d)(1)	JCAR	Changed the ending semicolon to a period
611.381(d)(4)	JCAR	Changed the ending semicolon to a period
611.381(d)(4)(A)	JCAR	Changed “within 28 days of” to “within 28 days after”
611.381(d)(4)(B)	JCAR	Changed the ending semicolon to a period; removed the ending conjunction “and”
611.381(d)(6)	Board, JCAR	Corrected the underlining of the text to indicate all new material
611.382(b)(1)(D)	Agency	Removed the unnecessary parenthetical “(minimum monitoring frequency column)”; removed the unnecessary parenthetical “(sample location column)”
611.382(b)(3)(B)(ii)	Agency, Board	Changed “ $\leq 0.0025$ mg/l” to “not greater than 0.0025 mg/l”; corrected “ $\delta 0.0025$ mg/l” to “not greater than 0.0025 mg/l”; changed “ $> 0.0025$ mg/l” to “greater than 0.0025 mg/l”
611.800(c)(2)	Board, JCAR	Corrected “a Agency-approved” to “an Agency-approved”
611.800(c)(5)	Agency	Corrected “Section 611.102” to “Section 611.101”
611.801(b)	Agency, Board	Changed “water sources” to “delineated WHPAs”; changed “by using results of source water assessments” to “within the WHPAs and evaluations or the hydrogeologic sensitivity of the WHPAs conducted under source water assessments”; added “utilizing” before “other relevant information”
611.801(d)(1)	Board, JCAR	Corrected “address” to singular “addresses”; added the indefinite article “a” before “non-CWS supplier”; changed “by December 31, 2012” to “before December 31, 2012”; changed “by December 31, 2014” to “before December 31, 2014”
611.801(d)(2)	JCAR	Corrected “(d)(1) of this Section” to “subsection (d)(1) of this Section”
611.801(d)(4)	JCAR	Corrected “C.F.R.” to “CFR”
611.802(a)(2)	JCAR	Changed “Requirements” to lower-case “requirements”; changed “within 24 hours of” to “within 24 hours after”

611.802(a)(2)(A)	Board	Changed “system” to “supplier”; changed “its” to “the supplier’s”
611.802(a)(3)	JCAR	Changed “Requirements” to lower-case “requirements”; changed “within 24 hours of” to “within 24 hours after”
611.802(a)(4)(A)	JCAR, Board, Agency	Corrected “Section 141.21(a)” to “Section 611.521”; changed “within 24 hours of” to “within 24 hours after”
611.802(a)(4)(B)(i)	JCAR, Board, Agency	Corrected “Section 141.21(a)” to “Section 611.521”; changed “within 24 hours of” to “within 24 hours after”
611.802(a)(4)(B)(ii)	JCAR	Changed “within 24 hours of” to “within 24 hours after”
611.802(b)(4)	JCAR	Corrected “in the in” to “in”
611.802(c)(2)(A)(i)	USEPA, Board	Corrected “Method 9223” to “Method 9223 B”
611.802(c)(2)(A)(ii)	USEPA, Board	Corrected “Method 9223” to “Method 9223 B”
611.802(c)(2)(A) Board note	JCAR	Corrected “Section 141.21(f)(1) or (f)(2)” to “Section 611.526(a) or (b)”
611.802(c)(2)(B)(i)	Board	Changed “9230B” to “9230 B”
611.802(c)(2)(B)(ii)	Board	Corrected “9230 B” to “9230 C”
611.802(e)(2)	JCAR, Board, Agency	Changed “the it may” to “the supplier may”; corrected “a Agency-approved” to “an Agency-approved”
611.802(f)	JCAR	Changed “Sources” to lower-case “sources”; removed the unnecessary comma after “2009”
611.802(g)	JCAR	Changed “Notification” to lower-case “notification”
611.802(h)	JCAR	Changed “Violations” to lower-case “violations”
611.803(a)(2)	Board, JCAR	Changed “Section 611.802(a)(2), Section 611.802(a)(4), or Section 611.802(b)” to “Section 611.802(a)(2), (a)(4), or (b)”
611.803(a)(4)	JCAR, Board	Changed “within 30 days of” to “within 30 days after”; changed “Section 611.802(a)(2), Section 611.802(a)(4), or Section 611.802(b)” to “Section 611.802(a)(2), (a)(4), or (b)”
611.803(a)(5)	JCAR	Changed “within 120 days . . . of” to “within 120 days . . . after”; changed “Section 611.802(a)(2), Section 611.802(a)(4), or Section 611.802(b)” to “Section 611.802(a)(2), (a)(4), or (b)”
611.803(a)(5)(B)	Board, JCAR	Corrected “a Agency-approved” to “an Agency-approved”
611.803(a)(6)	JCAR	Changed “Action Alternatives” to lower-case “action alternatives”
611.803(a)(6)(D)	Board, JCAR	Corrected “a Agency-approved” to “an Agency-approved”

611.803(a)(7)(B)	JCAR	Changed “within 12 months of” to “within 12 months after”
611.803(b)(1)	Board, JCAR	Corrected “a Agency-approved” to “an Agency-approved” (three times); changed “by December 1, 2009” to “before December 1, 2009”; removed the unnecessary comma after “2009”
611.803(b)(2)	Board, JCAR	Corrected “a Agency-approved” to “an Agency-approved”
611.803(b)(2)(A)	Board, JCAR	Corrected “a Agency-approved” to “an Agency-approved”
611.803(b)(2)(B)	Board, JCAR	Corrected “Section 611.803(b)(3) of this Subpart S” to “Section 611.803(b)(3)”; changed “within 30 days of” to “within 30 days after”
611.803(b)(2)(C)	Board, JCAR	Corrected “a Agency-approved” to “an Agency-approved”
611.803(b)(3)	JCAR	Corrected “subsections (a), (b)(1) or (b)(2)” to singular “subsection (a), (b)(1) or (b)(2)”
611.803(b)(3)(A)(i)	Board, JCAR	Corrected “greater than 3,300 people” to “more than 3,300 people”; changed “Agency-determined” to “Agency-approved”
611.803(b)(3)(A)(ii)	Agency, Board, JCAR	Added “determine and” before “approve”; changed “Agency-determined” to “Agency-approved” (three times); corrected “the it serves” to “that it serves”
611.803(b)(3)(C)	Board, JCAR	Corrected “a Agency-approved” to “an Agency-approved” (twice)
611.803(b)(3)(C)(ii)	Agency, Board	Changed “compliance requirements” to “operational requirements”; changed “that the Agency determines” to “determined by the supplier and that the Agency has approved as”
611.803(c)	Board, JCAR	Corrected “a Agency-approved” to “an Agency-approved”; changed “the Agency determines and documents” to “the supplier determines and documents and the Agency approves in writing”
611.803(d)	JCAR	Corrected “section” to capitalized “Section”
611.804(a)	Board	Added “by a SEP issued pursuant to Section 611.110”
611.804(a)(2)	Board, JCAR	Corrected “a Agency-approved” to “an Agency-approved”
611.803(b)	JCAR	Changed “within 120 days . . . of” to “within 120 days . . . after”
611.804(b)(2)	Board, JCAR	Corrected “a Agency-approved” to “an Agency-approved”; changed “within four hour of” to “within four hours after”
611.804(c)	Board, JCAR	Corrected “a Agency-approved” to “an Agency-approved”
611.804(d)	JCAR	Added the indefinite article “a”



611.805(a)(2)	JCAR	Changed “within 30 days of” to “within 30 days after”
611.805(b)(1)	Board	Changed “shall” to “must”
611.805(b)(2)	Board	Changed “shall” to “must”
611.805(b)(3)	Board	Changed “shall” to “must”
611.805(b)(4)	Board	Changed “shall” to “must”
611.805(b)(5)	Board, JCAR	Corrected “are” to singular “is”
611.805(b)(5)(A)	Agency, Board	Changed “Agency-specified” to “supplier-specified, Agency-approved”; changed “shall” to “must”
611.805(b)(5)(B)	Board	Changed “shall” to “must”
611.805(b)(5)(C)	Agency, Board	Changed “Agency-specified” to “supplier-specified, Agency-approved”; changed “specified by the Agency” to “specified by the supplier”; changed “shall” to “must”
611.883(b)(2)	JCAR	Corrected “ <u>Sections</u> 611.111, 611.112, 611.130, or 611.131” to singular “ <u>Section</u> 611.111, 611.112, 611.130, or 611.131”
611.883(d)(4)(D)(iii)	Board	Changed the ending semicolon to a period; restored the text “The supplier is required to include . . . that the IDSE samples were taken.” that was erroneously added to the following Board note
611.883(d)(4)(D) Board note	Board	Restored the text marked for deletion “When rounding of results . . . derived from 40 CFR 153”; removed the text marked for additions “The supplier is required to include . . . that the IDSE samples were taken.” that should have appeared at the end of the preceding subsection; updated the <i>Code of Federal Regulations</i> reference to the most recent edition available
611.903(a)(4)	Board, JCAR	Corrected “a Agency-approved” to “an Agency-approved”
611.911(a)	JCAR, Agency	Corrected “Section 141.203(b)” to “Section 611.903(b)”
611.911(b)	JCAR	Corrected “Section 141.203(b)” to “Section 611.903(b)”; changed “a State-approved” to “an Agency-approved”
611.911(d)	Board	Added “that” before “must be” for a restrictive relative clause
611.911(d)(1) certification statement	Board	Changed “by [required . . . date]” to “before [required . . . date]”; changed “by the required date” to “before the required date”; changed “by the deadline” to “before the deadline”
611.911(d)(2) certification statement	Board	Changed “by [required . . . date]” to “before [required . . . date]”; changed “by the required date” to “before the required date”; changed “by the required deadline” to “before the required deadline”
611.911(d)(3)	Board	Changed “system” to “supplier” (twice)

611.920(b)(3)	Board	Added a comma before “and it either” for an independent clause; added a comma before “or it delivers” for an independent clause
611.920(c)(1)(A)	Board, JCAR	Removed the word “either” from before “have submitted”; changed “obtain” to “must have obtained”; changed “by October 1, 2006” to “before October 1, 2006”; changed “by September 30, 2008” to “before September 30, 2008”; changed “by January 1, 2009” to “before January 1, 2009”
611.920(c)(1)(B)	Board, JCAR	Removed the word “either” from before “have submitted”; changed “obtain” to “must have obtained”; changed “by April 1, 2007” to “before April 1, 2007”; changed “by March 31, 2009” to “before March 31, 2009”; changed “by July 1, 2009” to “before July 1, 2009”
611.920(c)(1)(C)	Board, JCAR	Corrected “must must either” to “must”; changed “obtain” to “must obtain”; changed “by October 1, 2007” to “before October 1, 2007”; changed “by September 30, 2009” to “before September 30, 2009”; changed “by January 1, 2010” to “before January 1, 2010”
611.920(c)(1)(D)	Board, JCAR	Removed the word “either” from before “submit”; changed “obtain” to “must obtain”; changed “by April 1, 2008” to “before April 1, 2008”; changed “by March 31, 2010” to “before March 31, 2010”; changed “by July 1, 2010” to “before July 1, 2010”
611.920(c)(1)(E)	Board, JCAR	Changed “the date identified in this column” to “the date when submission . . . is due, as identified in the applicable of subsections (a)(1) through (a)(4) of this Section”
611.920(c)(1)(F)	Board	Changed “by the date” to “before the date”
611.920(c)(1)(G)	Board, JCAR, Agency	Changed “date identified in this column” to “due date for submission of the IDSE report identified in this subsection (c)(1)”; changed “the date identified in this column” to “this date”; removed the words “as determined” from after “to the Agency”
611.920(d)	Board, JCAR, Agency	Corrected “must” to “must conduct”
611.920(d)(1)	Board, Agency	Changed “using” to “which uses”; corrected “supplier meet” to “supplier meets”
611.921(b)(1)	Board, JCAR, USEPA	Added “of this Section” after “subsections (b)(1)(A) through (b)(1)(P)”; added “of this Section” after “subsections (b)(1)(Q) and (b)(1)(R)”; removed the unnecessary words “Source water type Population size category”

611.921(b)(1)(D)	Board, JCAR, Agency	Corrected “operates” to “does not operate”
611.921(b)(1)(F)	JCAR	Corrected “locations” to singular “location”
611.921(b)(1)(M)	Agency	Removed the erroneously added words “and which operates a consecutive system”
611.921(b)(1)(N)	Agency	Removed the erroneously added words “and which operates a consecutive system”
611.921(b)(1)(O)	Agency	Removed the erroneously added words “and which operates a consecutive system”
611.921(b)(1)(P)	Agency, JCAR	Removed the erroneously added words “and which operates a consecutive system”; corrected “points” to singular “point”
611.921(b)(1)(R)	Board	Added “for” before “the purposes”; changed “is” to “means”
611.921(b)(3)	Board, JCAR, Agency	Removed the added word “with” and changed “replaced equally” to “equally replaced”
611.921(b)(4)	Agency	Corrected “Section 622.161” to “Section 611.161”
611.921(c)(4)	JCAR	Changed “this section” to capitalized “this Section”
611.922(a)(1)(A)(xii)	Board	Corrected the subsection number from “x” to “xii”
611.922(a)(1)(A)(xiii)	Board	Corrected the subsection number from “xi” to “xiii”
611.922(a)(1)(A)(xiv)	Board	Corrected the subsection number from “ix” to “xiv”
611.922(a)(1)(A)(xv)	Board	Corrected the subsection number from “xiii” to “xv”
611.922(a)(1)(B)(vi)	JCAR	Changed the ending semicolon to a period
611.922(a)(2)(A)(ii) Board note	Board	Corrected “40 CFR 141.602 (1996)” to “40 CFR 141.602(a)(2)(i)(B), as added at 71 Fed. Reg. 388 (Jan. 4, 2006)”
611.922(a)(2)(A)(iii)	JCAR	Corrected “suppliers” to singular “supplier”
611.922(a)(2)(B)	Board, JCAR	Changed “the following information” to “the information described in subsections (a)(2)(B)(i) through (a)(2)(B)(vii) of this Section, subject to the requirements of subsection (a)(2)(B)(vii) of this Section”; changed the ending colon to a period
611.922(a)(2)(B)(i)	Board, JCAR	Changed the ending semicolon to a period
611.922(a)(2)(B)(ii)	Board, JCAR	Added underlining to the hyphen in the added text “time-series”; changed “to for” to “for”; changed the ending semicolon to a period
611.922(a)(2)(B)(iii)	Board, JCAR	Changed the ending semicolon to a period
611.922(a)(2)(B)(iv)	Board, JCAR	Changed the ending semicolon to a period
611.922(a)(2)(B)(v)	Board, JCAR	Corrected “submit” to singular “submits”; changed the ending semicolon to a period

611.922(a)(2)(B)(vi)	Board, JCAR	Changed the ending semicolon to a period
611.922(a)(2)(B)(vii)	Board, JCAR	Changed the ending semicolon to a period; removed the ending conjunction “and”
611.922(a)(2)(C)	JCAR, Board	Corrected “submit” to “submits”; removed the comma added after “deficiencies”; corrected “fail” to “fails”
611.922(a)(2)(D) Board note	Board, JCAR	Corrected “40 CFR 141.602 (1996)” to “40 CFR 141.602(a)(2)(i)(B), as added at 71 Fed. Reg. 388 (Jan. 4, 2006)”; corrected “(a)(2)(A)(ii)(9)” to “(a)(2)(i)(B)(9)”
611.922(b)(2)	JCAR, Board, Agency	Corrected “subsection (a)(2)(ii)” to “subsection (a)(2)(B)”
611.922(b)(6)	Board	Changed “by the time” to “before the time”
611.922(b)(7)	JCAR	Changed “this section” to capitalized “this Section”
611.923(a)	JCAR	Corrected “a eight” to capitalized “an eight”
611.923(a)(5)	Board, JCAR	Added “eligibility for 40/30 certification . . . of this Section” as an introductory clause offset by a comma
611.923(b)(4)	JCAR	Changed “this section” to capitalized “this Section”
611.925(b)(4)	Board	Corrected “highest TTHM location” to plural “highest TTHM locations”
611.925(b)(14)	Board, JCAR	Added the definite article “the” before “month”
611.925(b)(15)	Board	Added “persons” after “500 to 3,300” (twice)
611.925(c)	Board, JCAR	Corrected “supplier do” to singular “supplier does” (twice)
611.925(d)	Board, JCAR	Corrected “include” to singular “includes”; corrected “part” to capitalized “Part”
611.925(e)	Board, Agency, JCAR	Corrected “supplier are” to singular “supplier is”; changed “90 days or fewer” to “90 or fewer days”
611.925 Board note	Board	Corrected “141605” to “141.605”
611.Subpart Y heading	JCAR	Corrected the dash to a colon after the subpart designation
611.970(c)(6)	Board	Removed the word “that” from before “is part of”
611.970(c)(7)	Board, JCAR, Agency	Added “time” before “is needed”
611.972(a)(1)	Board	Changed “elements set forth in subsections (a)(1)(A) through (a)(1)(D) of this Section” to “following elements”
611.972(a)(1)(A)	Board	Added the definite article “the”
611.972(a)(1)(B)	Board	Added the definite article “the”
611.972(a)(1)(C)	Board	Added the definite article “the”
611.972(a)(1)(D)	Board	Added the definite article “the”
611.972(b)	Board	Changed “under” to “pursuant to”

611.973(a)(2)	Board, JCAR	Changed “may qualify” to “qualifies”
611.973(a)(3)	Board, JCAR	Changed “may qualify” to “qualifies”
611.973(a)(4)	Board, JCAR	Changed “may qualify” to “qualifies”; corrected “highest single TTHM and HAA5 LRAAs” to “highest TTHM and highest HAA5 LRAAs”
611.973(a)(5)	Board, JCAR	Changed “may qualify” to “qualifies”
611.973(a)(6)	Board, JCAR	Changed “may qualify” to “qualifies”
611.973(a)(7)	Board, JCAR	Changed “may qualify” to “qualifies”
611.973(a)(8)	Board, JCAR	Changed “may qualify” to “qualifies”
611.973(a)(9)	Board, JCAR	Changed “may qualify” to “qualifies”
611.973(a)(10)	Board, JCAR	Changed “may qualify” to “qualifies”; corrected “triennially” to “annually”
611.973(a)(11)	Board, JCAR	Changed “may qualify” to “qualifies”; corrected “and one HAA5 dual sample set collected annually from the location and one HAA5 sample collected annually from the location” to “and one HAA5 dual sample set collected annually from the location”
611.973(a)(12)	Board, JCAR	Changed “may qualify” to “qualifies”; corrected “highest single TTHM and HAA5 LRAAs” to “highest TTHM and highest HAA5 LRAAs”
611.973(a)(13)	Board, JCAR	Changed “may qualify” to “qualifies”
611.973(b)	Board	Changed “remains less than or equal to” to “does not exceed” (twice); changed “is less than or equal to” to “does not exceed” (twice); changed “be less than or equal to” to “not exceed”; changed “Section 611.382(b)(1)(C) or 611.382(d)” to “Section 611.382(b)(1)(C) or (d)”
611.975(a)	JCAR	Changed “Section 611.971 or 611.973” to “Section 611.971 or Section 611.973”; corrected “a HAA5 sample” to “an HAA5 sample”
611.975(c)	Board	Changed “is less than or equal to 0.060 mg/l for TTHM and less than or equal to 0.045 mg/l for HAA5” to “does not exceed 0.060 mg/l for TTHM and 0.045 mg/l for HAA5”
611.976(a)	Board	Changed numeric “4” to written “four” (twice)
611.979(a)(1)	JCAR	Changed “within 10 days of” to “within 10 days after”
611.979(a)(2)	JCAR	Changed “within 10 days of” to “within 10 days after”

611.979(a)(2)(C)	Board, JCAR	Corrected “quarterly average” to “arithmetic average”; added the definite article “the” before “last quarter”
611.1000(b)(1)	JCAR	Corrected “Section 141.2” to “Section 611.101”
611.1000(b)(3)	Board, JCAR	Changed “has met and continued to meet” to “has met and has continued to meet”
611.1000(c)(1)	Board, JCAR	Changed “GWUDI” to “groundwater under the direct influence of surface water”
611.1000(c)(6)	JCAR	Corrected “Sections 611.1021 through 611.1022” to “Sections 611.1021 and 611.1022”
611.1001(a)(3)	Board	Corrected “supplier” to plural “suppliers”
611.1001(a)(3)(B)	Agency, Board, JCAR	Changed “State” to “Agency”; corrected the spelling “Agecny” to “Agency”
611.1001(a)(4)	Board, JCAR	Corrected “supplier” to plural “suppliers”; corrected “their” to singular “its”; changed the ending colon to a period
611.1001(a)(4)(A)	Board, JCAR	Changed “whose system uses lake or reservoir sources” to singular “that uses a lake or reservoir source”; corrected “m” to “ml”
611.1001(a)(4)(B)	Board	Changed “whose system uses flowing stream sources” to singular “that uses a flowing stream source”
611.1001(a)(4)(D)	Board	Changed “whose system uses lake or reservoir sources” to singular “that uses a lake or reservoir source”
611.1001(c)(1)	JCAR	Corrected “second round or” to “second round of”
611.1001(c)(2)	JCAR	Corrected “second round or” to “second round of”
611.1001(c)(3)	JCAR	Corrected “second round or” to “second round of”
611.1001(c)(4)	JCAR, USEPA	Corrected “second round or” to “second round of”; corrected “October 1, 2016” to “October 1, 2017”
611.1001(c)(5)	Board, JCAR	Corrected “that is a filtered system supplier . . . Cryptosporidium must” to “that is an unfiltered system supplier, or that is a filtered system supplier . . . Cryptosporidium, must”; corrected “second round or” to “second round of”
611.1001(f)(3)	Board	Removed “the applicable of the” from before “initial bin classification”; removed “the” from before “determination”
611.1002(a)(2)(A)	Board	Changed “at least 10,000” to “10,000 or more”
611.1002(a)(3)	JCAR	Moved “to the Agency” from the end to follow “must submit”
611.1002(a)(4)	JCAR	Moved “to the Agency” from the end to follow “must submit”; added “required by” before “Section 611.1001(b)”
611.1002(b)(1)	Agency	Changed “State” to “Agency”
611.1003(d)(1)	JCAR	Changed “Section 611.743(b) or 611.955(c)(1)” to “Section 611.743(b) or Section 611.955(c)(1)”

611.1003(e)(2)	Board, USEPA	Changed “subsection (e)(2)(i) or (e)(2)(ii) of this Section” to “of the following procedures”; changed the ending period to a colon
611.1004(b)(2)	Board	Corrected “18th, 19th, and 20th ed.” to “18th, 19th, or 20th ed.”
611.1004(b)(3)	Board	Added “the temperature of its” before “its samples”
611.1006(b)(1)	Board	Changed “all suppliers” to singular “a supplier”
611.1006(d)	Board	Changed “all suppliers” to singular “a supplier”
611.1006(e)(1)	JCAR	Changed the ending colon to a period
611.1006(e)(2)(H)	JCAR	Changed “their” to singular “its”
611.1006(e)(1)(D)(i)	Board	Added the definite article “the”; changed the ending period to a semicolon
611.1006(e)(1)(D)(ii)	Board	Added the definite article “the”; changed the ending period to a semicolon
611.1006(e)(1)(D)(iii)	Board	Added the definite article “the”; changed the ending period to a semicolon
611.1006(e)(1)(D)(iv)	Board	Added the definite article “the”; changed the ending period to a semicolon
611.1006(e)(1)(D)(v)	Board	Added the definite article “the”; changed the ending period to a semicolon
611.1006(e)(1)(D)(vi)	Board	Changed “was 100% of filtered volume examined” to “whether 100 percent of the filtered volume was examined”; changed the ending period to a semicolon
611.1006(e)(1)(D)(vii)	Board	Added the definite article “the”
611.1006(e)(2)(A)	Board	Added the definite article “the”
611.1006(e)(2)(B)	Board	Added the definite article “the”
611.1006(e)(2)(C)	Board	Added the definite article “the”
611.1006(e)(2)(D)	Board	Added the definite article “the”
611.1006(e)(2)(E)	Board	Added the definite article “the”
611.1006(e)(2)(F)	Board	Added the definite article “the”
611.1006(e)(2)(G)	Board	Added the definite article “the”; changed “E. coli/100ml” to “E. coli count per 100ml”
611.1006(e)(2)(H)	Board	Added the definite article “the”
611.1007(a)(2)	Board, JCAR	Removed the unnecessary definite article “the” from before “it”
611.1007(b)	JCAR	Corrected “Sections 611.1004 through 611.1005” to “Sections 611.1004 and 611.1005”
611.1007(c)(1)	Board, JCAR, Agency	Changed “the analytical methods in subsections (c)(1)(A) through (a)(1)(D) of this section” ending in a period to “the following analytical methods” followed by colon
611.1007(c)(1)(A)	Board, JCAR	Removed the ending conjunction “or”
611.1007(c)(1)(B)	Board, JCAR	Changed the ending period to a semicolon

611.1007(c)(1)(C)	Board, JCAR	Removed the ending conjunction “or”
611.1007(c)(1)(D)	Board, JCAR	Changed the ending period to a semicolon
611.1007(f)(1)	JCAR	Changed “they intend” to singular “it intends”; removed the unnecessary words “is required” from the end
611.1007(f)(2)(D)	Board	Changed “IPR” to “initial precision and recovery”
611.1007(g)	Agency, JCAR	Changed “State” to “Agency”; corrected “Sections 611.1010 through 611.1012” to “Section 611.1010 and Section 611.1012”
611.1009(b)	Board	Reverted “distribution supplier” to “distribution system”
611.1009(c)(2)	Board, JCAR	Corrected “Section 141.172 or 611.953” to “Section 611.742 or Section 611.953” (twice)
611.1009(d)(1)(B)	Board, JCAR	Added “it may”
611.1010(d)	Board, JCAR	Corrected “their” to singular “its”
611.1010(e)(1)	Board, JCAR	Corrected “filtered supplier supplier” to “filtered system supplier”
611.1011(a)(1)	JCAR, Board	Changed “bin 1” to capitalized “Bin 1”; added the erroneously omitted language “and the supplier uses direct filtration in full compliance with the applicable provisions of Subparts B, R, and X of this Part, then”
611.1011(a)(2)	JCAR	Changed “bin 2” to capitalized “Bin 2”
611.1011(a)(3)	JCAR	Changed “bin 2” to capitalized “Bin 2”
611.1011(a)(4)	JCAR	Changed “bin 2” to capitalized “Bin 2”
611.1011(a)(5)	JCAR	Changed “bin 2” to capitalized “Bin 2”; corrected the spelling “ttechnologies” to “technologies”
611.1011(a)(6)	JCAR	Changed “bin 3” to capitalized “Bin 3”
611.1011(a)(7)	JCAR	Changed “bin 3” to capitalized “Bin 3”
611.1011(a)(8)	JCAR	Changed “bin 3” to capitalized “Bin 3”
611.1011(a)(9)	JCAR	Changed “bin 3” to capitalized “Bin 3”; corrected the spelling “ttechnologies” to “technologies”
611.1011(a)(10)	JCAR	Changed “bin 4” to capitalized “Bin 4”
611.1011(a)(11)	JCAR	Changed “bin 4” to capitalized “Bin 4”
611.1011(a)(12)	JCAR	Changed “bin 4” to capitalized “Bin 4”
611.1011(a)(13)	JCAR	Changed “bin 4” to capitalized “Bin 4”; corrected the spelling “ttechnologies” to “technologies”
611.1012(a)(2)	Board	Changed “required pursuant to” to “required by”
611.1013(e)	Board	Changed “under” to “pursuant to”; added “by a SEP issued pursuant to Section 611.110”
611.1014(c)	Board	Changed the ending period to a colon
611.1014(e)	JCAR	Removed the unnecessary definite article “the” from before “approved by the Agency”



611.1015(a)(1)	Board	Changed “in” to “set forth in”
611.1015(b)(2)	JCAR	Corrected “pre filtration” to “pre-filtration”
611.1015(b)(3)(C)	Agency	Changed “State” to “Agency”
611.1015(b)(4)(D)	JCAR	Added the ending period
611.1015(b)(5)(A)	JCAR	Added the ending period
611.1016(a)(3)	Board	Changed “programs” to singular “program” (twice)
611.1016(a)(5)(B)(i)	Board	Reverted the ending semicolon to a period
611.1016(a)(5)(B)(ii)	Board	Changed “by a date” to “before a date”
611.1017(a)(3)(A)	Board, JCAR, Agency	Removed the unnecessary comma after “influent”; added a comma before and changed “and must” to “and it must” for an independent clause; corrected “log10” to subscripted “log <sub>10</sub> ” (twice)
611.1017(c)	Board, JCAR, Agency	Corrected “this subsection” to “this subsection (c)”; changed “they begin” to singular “it begins”; removed the unnecessary word “are” after “it is”
611.1017(c)(3)	Board	Changed “horizontal and vertical wells are” to singular “a horizontal or vertical well is”
611.1018(b)	Board, JCAR, Agency	Changed “using” to “that uses”; corrected “receive” to singular “receives”; corrected “Section 141.174 or Section 141.560” to “Section 611.744 or 611.956(a)”
611.1018(c)(1)	JCAR	Changed “toolbox box option” to “toolbox option”
611.1019(b)(2)	JCAR	Changed “Testing” to lower-case “testing”
611.1019(b)(3)	Agency	Corrected “supplier” to “treatment system”
611.1019(b)(4)	Agency	Corrected “supplier” to “treatment system”
611.1019(b)(4)(E)	Board	Added a comma before “as specified” to offset the parenthetical
611.1019(c)	JCAR	Corrected “direct influent” to “direct influence”
611.1019(d)	Board, JCAR	Corrected “are” to singular “is”; corrected “direct influent” to “direct influence”
611.1020(d)(1)	Board, JCAR, Agency	Corrected “suppliers” to singular “supplier”; corrected the spelling “ssystem” to “system”
611.1020(d)(2)(A)	Board, Agency	Reverted “critical supplier components” to “critical treatment system components”
611.1020(d)(3)(A)	Board, JCAR	Changed “their” to singular “its”; added “issued pursuant to Section 611.110”
611.1021(e)	JCAR	Changed “Sections 611.1008 through 611.1012” to “Sections 611.1008 and 611.1009”
611.1021(f)(1)	Board	Changed “using” to “that uses”
611.1021(f)(1)(B)	Board, JCAR	Changed the ending period to a semicolon
611.1021(f)(2)	Board	Changed “using” to “that uses”
611.1021(f)(3)	Board, JCAR	Changed “using” to “that uses”; changed the ending colon to a period

611.1021(f)(4)	Board, JCAR	Changed “using” to “that uses”; changed the ending colon to a period
611.1021(f)(5)	Board	Changed “using” to “that uses”
611.1021(f)(5)(B)	JCAR	Changed “daily max” to “daily maximum”
611.1021(f)(6)	Board	Changed “using” to “that uses”
611.1021(f)(7)	Board	Changed “using” to “that uses”; changed the ending colon to a period
611.1021(f)(7)(A)	Board	Corrected “were levels” to “levels were”
611.1021(f)(8)	Board	Changed “using” to “that uses”; changed hyphenated “State-approval” to “State approval”
611.1021(f)(8)(A)	Board	Changed the ending period to a semicolon; added the ending conjunction “and”
611.1021(f)(8)(B)	Board, JCAR	Changed hyphenated “State-approval” to “State approval”; changed the ending semicolon to a period
611.1021(f)(9)	Board	Changed “using” to “that uses”
611.1021(f)(9)(A)	Board	Added “it must demonstrate”
611.1021(f)(9)(A)(i)	Board	Added “it must demonstrate that the”
611.1021(f)(9)(A)(ii)	Board	Added “it must demonstrate”
611.1021(f)(9)(B)	Board	Added “it must demonstrate”
611.1021(f)(10)	Board	Changed “using” to “that uses”
611.1021(f)(10)(A)(i)	Board	Added “it must demonstrate that the”
611.1021(f)(10)(A)(ii)	Board	Added “it must demonstrate”
611.1021(f)(10)(B)(i)	Board	Added “it must summarize”
611.1021(f)(10)(B)(ii)	Board, Agency	Added “it must summarize”; changed “state-approved” to capitalized “Agency-approved”
611.1021(f)(11)	Board	Changed “using” to “that uses”
611.1021(f)(12)	Board	Changed “using” to “that uses”
611.1021(f)(13)	Board	Changed “using” to “that uses”
611.1021(f)(14)	Board	Changed “using” to “that uses”
611.1021(f)(15)	Board	Changed “using” to “that uses”
611.1021(f)(15)(B)	JCAR	Corrected “611.1020(d)” to “Section 611.1020(d)”
611.1023 heading	Board, JCAR	Changed the Section heading to title case; removed the ending period
611.1023(b)	Board	Added a comma after “or has the potential for causing” to complete the offset of the parenthetical
611.Appendix A Board note	JCAR	Changed “Appendix A to Subpart O to 40 CFR 141” to lower-case “appendix A to subpart O to 40 CFR 141”
611.Appendix C Board note	JCAR	Changed “40 CFR 141.30 and 261, Appendix A” to lower-case “40 CFR 141.30 and 261, appendix A”
611.Appendix G, ¶ IV. F.	Board	Moved the entry into the appropriate outline-numbered order
611.Appendix G, ¶ IV. G.	JCAR	Removed the comma added before “as described”

611.Appendix G, note 8	JCAR	Changed “Appendix A to Subpart O to 40 CFR 141” to lower-case “appendix A to subpart O to 40 CFR 141”
611.Appendix G, note 9	JCAR	Changed “Appendix A to Subpart O to 40 CFR 141” to lower-case “appendix A to subpart O to 40 CFR 141”
611.Appendix G, note 11	JCAR	Changed “Appendix A to Subpart O to 40 CFR 141” to lower-case “appendix A to subpart O to 40 CFR 141”
611.Appendix G, note 12	Agency	Replaced the explanatory language with the text from corresponding appendix A to subpart Q of 40 C.F.R. 141
611.Appendix G, note 21	JCAR	Corrected the spelling “pursuan” to “pursuant”
611.Appendix G Board note	JCAR	Changed “Appendix A to Subpart O to 40 CFR 141” to lower-case “appendix A to subpart O to 40 CFR 141”
611.Appendix H, note 18	Board	Changed “transient non-community system” to “transient non-community system supplier”
611.Appendix H, note 8	Board, JCAR	Changed “systems that serves” to “a supplier that serves”
611.Appendix G, note 17	JCAR	Changed “Appendix B to Subpart O to 40 CFR 141” to lower-case “appendix B to subpart O to 40 CFR 141”
611.Appendix G Board note	JCAR	Changed “Appendix B to Subpart O to 40 CFR 141” to lower-case “appendix B to subpart O to 40 CFR 141”
611.Table Z “Lead and Copper” (two entries)	Board, JCAR	Changed “40 CFR 141, Subpart Q” to lower-case “40 CFR 141, subpart Q”
611.Table Z “Consumer Confidence Report Rule”	Board, JCAR	Changed “40 CFR, Subpart I” to lower-case “40 CFR 141, subpart I”
611.Table Z “Lead and Copper”	JCAR	Changed “40 CFR 141, Subpart Q” to lower-case “40 CFR 141, subpart Q”
611.Table Z “Interim Enhanced Surface Water Rule”	JCAR	Changed “40 CFR 141, Subpart P” to lower-case “40 CFR 141, subpart P”; corrected “Subpart R” to “Subpart R of this Part”
611.Table Z “Public Notification Rule”	JCAR	Changed “40 CFR 141, Subpart Q” to lower-case “40 CFR 141, subpart Q”
611.Table Z “Disinfection/Disinfectant Byproducts Rule”	JCAR	Changed “40 CFR 141.64, 141.65 & 141, Subpart L” to lower-case “40 CFR 141.64, 141.65 & 141, subpart L”
611.Table Z “Long Term 1 Enhanced Surface Water Treatment Rule”	JCAR	Changed “40 CFR 141, Subpart T” to lower-case “40 CFR 141, subpart T”
611.Table Z “Stage 2 Disinfection/Disinfectant Byproducts Rule”	JCAR	Changed “40 CFR 141, Subparts U & V” to lower-case “40 CFR 141, subparts U & V”

611.Table Z “Long Term 2 Enhanced Surface Water Treatment Rule”	JCAR	Changed “40 CFR 141, Subpart W” to lower-case “40 CFR 141, subpart W”
611.Table Z “Groundwater Rule”	JCAR	Changed “40 CFR 141, Subpart S” to lower-case “40 CFR 141, subpart S”

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

Section Affected	Source of Request: Requested Revision	Explanation for Not Making the Suggested Revision
611 table of contents, 611.1010 heading	JCAR: Change “filtered systems” to “filtered suppliers.”	The section pertains to filtered systems. There is no need for correction.
611.101 “cartridge filters”	JCAR: Change “1 micrometer” to “one micrometer.”	The Board has generally avoided using the written representation for numbers that represent technical measured quantities, since to do so consistently would require similar presentation of decimal units.
611.101 “hydrogeologic sensitivity assessment”	JCAR: Move the comma outside the quotation marks.	The Board uniformly applies the American style for placement of punctuation (commas and periods) within the quotation marks.
611.102(b) “wellhead protection area”	Agency: Add incorporations of two Agency-used guidance documents by reference to support the definition.	Requirements of the two documents are not implemented through the Part 611 rules, so incorporation is not necessary. Citation to the documents in an attached Board note accomplishes the purpose of drawing attention to them. (See the discussion that begins at page 18 of this opinion.)
611.102(a) “USEPA Method 1622(05)”	JCAR: Correct “a specified in” to “as specified in.”	The Board has instead deleted the unnecessary parenthetical.
611.102(a) “USEPA Method 1622(01)”	JCAR: Correct “a specified in” to “as specified in.”	The Board has instead deleted the unnecessary parenthetical.
611.102(a) “USEPA Method 1622(99)”	JCAR: Correct “a specified in” to “as specified in.”	The Board has instead deleted the unnecessary parenthetical.
611.102(a) “USEPA Method 1623(05)”	JCAR: Correct “a specified in” to “as specified in.”	The Board has instead deleted the unnecessary parenthetical.
611.102(a) “USEPA Method 1623(01)”	JCAR: Correct “a specified in” to “as specified in.”	The Board has instead deleted the unnecessary parenthetical.

611.102(a) "USEPA Method 1623(99)"	JCAR: Correct "a specified in" to "as specified in."	The Board has instead deleted the unnecessary parenthetical.
611.102(a) "USEPA OGWDW Method"	JCAR: Correct "a specified in" to "as specified in."	The Board has instead deleted the unnecessary parenthetical.
611.102(a) "USEPA Organic Methods"	JCAR: Change the dash before "Supplement" to a hyphen preceded and followed by spaces.	The dash is the punctuation appropriate in this context, and it is appropriate without preceding and following spaces.
611.102(a) "USGS Methods"	JCAR: Change the double hyphen before "Determination" to a hyphen preceded and followed by spaces.	The Board chose instead to change the double to a hyphen, which is the punctuation appropriate in this context, and it is appropriate without preceding and following spaces.
611.102(b) "AWWA," "Standard Methods . . . , 19th Edition," "Method 4500-ClO <sub>2</sub> C"	JCAR: Change "ClO <sub>2</sub> " to "ClO <sub>2</sub> ."	The correct empirical formula for chlorine dioxide is "ClO <sub>2</sub> ."
611.102(b) "AWWA," "Standard Methods . . . , 19th Edition," "Method 4500-ClO <sub>2</sub> D"	JCAR: Change "ClO <sub>2</sub> " to "ClO <sub>2</sub> ."	The correct empirical formula for chlorine dioxide is "ClO <sub>2</sub> ."
611.102(b) "AWWA," "Standard Methods . . . , 19th Edition," "Method 4500-ClO <sub>2</sub> E"	JCAR: Change "ClO <sub>2</sub> " to "ClO <sub>2</sub> ."	The correct empirical formula for chlorine dioxide is "ClO <sub>2</sub> ."
611.102(b) "AWWA," "Standard Methods . . . , 20th Edition," "Method 9222 G"	JCAR: Remove the words "the" and "Partition" from the document title.	The words are included in the method title, "Membrane Filter Technique for Members of the Coliform Group, MF Partition Procedures."
611.102(b) "USEPA Water Resource Center," "USEPA Method 1600"	JCAR: Change the definite article in "The Hach Company" to lower-case "the Hach Company."	The proper name of the company includes the definite article, so it must appear capitalized.

611.102(b) “Illinois Environmental Protection Agency”	Agency: Add incorporations of two Agency-used guidance documents by reference.	Requirements of the two documents are not implemented through the Part 611 rules, so incorporation is not necessary. (See the discussion that begins at page 18 of this opinion.)
611.312(a)(1)	JCAR: Change the proposed “Subpart B” to “Subpart B system.”	The Board has opted to instead render this “Subpart B system supplier.”
611.381(b)(2)(C)	JCAR: Change “the following acceptance limits” to “acceptance limits in this subsection (b)(2)(C)” and move the text of subsections (b)(2)(C)(xii) and (b)(2)(C)(xiii) into subsection (b)(2)(C), omitting the language “subject to the limitations of subsections (b)(2)(C)(xii) and (b)(2)(C)(xiii) of this Section.”	The Board has instead chosen to change the language to “the acceptance limits set forth in subsections (b)(2)(C)(i) through (b)(2)(C)(xi) of this Section. This presentation is clear and consistent with other such appearances drafted into the text of this proposal. No further clarity is derived through the suggested movement of text.
611.381(b)(2)(D)	JCAR: Move the prepositional phrase “for all DBP samples . . . of this Part” to the beginning of the text to act as an introductory prepositional phrase offset by a comma and move the text of subsections (b)(2)(D)(xii) and (b)(2)(D)(xiii) into subsection (b)(2)(D), omitting the language “subject to the limitations of subsections (b)(2)(D)(xii) and (b)(2)(D)(xiii) of this Section.”	The Board has instead chosen to change the language to “the acceptance limits set forth in subsections (b)(2)(C)(i) through (b)(2)(C)(xi) of this Section. This presentation is clear and consistent with other such appearances drafted into the text of this proposal. No further clarity is derived through the suggested movement of text.
611.381(d)(2)(A)	JCAR: Change “USEPA” to “SEPA.”	“USEPA” is appropriate.
611.490(a)(3)	JCAR: Change “For” to lower-case “for.” Change the parentheses on the citation to the <i>Illinois Administrative Code</i> to brackets.	Capitalization is appropriate for the first word of the subsection. Parentheses are appropriate for a <i>Code</i> citation; brackets are appropriate for citations to the <i>Illinois Compiled Statutes</i> .

611.524(a)(1)	JCAR: Change “the Agency or, for a non-CWS, Public Health” to “the Agency or, for CWSs a non-CWS, Public Health.”	What is intended is that the review be conducted by the Agency, except that Public Health would conduct the review for a non-CWS. Adding a reference to CWSs adds little clarity to the rule, even if appropriately worded.
611.680(a)(2)	JCAR: Add a space before the comma after “611.110.”	The space is not appropriate.
611.680(b)(2)	JCAR: Add a space before the comma after “611.110.”	The space is not appropriate.
611.803(b)(3)(C)(i)	Agency: Remove “it must” to streamline the language.	The Board has consistently added the subject and verb in similar provisions to render complete clauses in place of fragments.
611.803(b)(3)(C)(ii)	Agency: Remove “it must” to streamline the language.	The Board has consistently added the subject and verb in similar provisions to render complete clauses in place of fragments.
611.804(a)	Agency: Remove “does not do either of the following” to streamline the language.	The Board has consistently added the subject and verb in similar provisions to render complete clauses in place of fragments.
611.804(a)(1)	Agency: Remove “it” to streamline the language.	The Board has consistently added the subject and verb in similar provisions to render complete clauses in place of fragments.
611.804(a)(2)	Agency: Remove “it” to streamline the language.	The Board has consistently added the subject and verb in similar provisions to render complete clauses in place of fragments.
611.805(b)(1)	JCAR: Change written “ten” to numeric “ten.”	The Board prefers to use the written numerals for all non-measured quantities up to ten.
611.805(b)(5)(A)	JCAR: Change written “ten” to numeric “ten.”	The Board prefers to use the written numerals for all non-measured quantities up to ten.
611.921(b)(1)(R)	JCAR: Move the comma outside the quotation marks.	The Board uniformly applies the American style for placement of punctuation (commas and periods) within the quotation marks.
611.921(b)(3)	JCAR: Change “odd extra location number” to “odd number of locations.”	The JCAR-suggested language radically shifts the meaning away from the federal language and intent. The Board has cannot

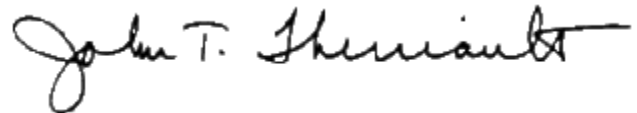
611.922(a)(2)(B) & (a)(2)(B)(viii)	JCAR: Move the text of subsection (a)(2)(B)(viii) to become an opening sentence of subsection (a)(2)(B).	The Board has instead chosen to change “the following information” followed by a colon to “the information described in subsections (a)(2)(B)(i) through (a)(2)(B)(vii) of this Section, subject to the requirements of subsection (a)(2)(B)(vii) of this Section” followed by a period. This presentation is clear and consistent with the federal text. No further clarity is derived through the suggested movement of text.
611.973(b)	JCAR: Change “Section 611.382(b)(1)(C) or 611.382(d)” to “Section 611.382(b)(1)(C) or Section 611.382(d).”	The Board has instead chosen to change this to “Section 611.382(b)(1)(C) or (d).”
611.977 preamble	JCAR: Change the ending colon to a period.	The structure chosen by the Board which recites three conditions, each of which must be fulfilled, is clearer using the colon followed by the three conditions separated by semicolons.
611.977 preamble	JCAR: Change the ending semicolon to a period.	The structure chosen by the Board which recites three conditions, each of which must be fulfilled, is clearer using the colon followed by the three conditions separated by semicolons.
611.977 preamble	JCAR: Change the ending semicolon to a period and remove the ending conjunction “and.”	The structure chosen by the Board which recites three conditions, each of which must be fulfilled, is clearer using the colon followed by the three conditions separated by semicolons.
611.1007(c)(1)(E)	JCAR: Change the ending semicolon to a period and remove the ending conjunction “or.”	The Board chose instead to change the wording of subsection (a)(1), replace the ending period with a colon, and restructure subsections (a)(1)(A) through (a)(1)(F) as a listing of alternatives.



611.1007(f)(2)(D)	Agency: Add the abbreviation “IPR” in parentheses for “initial precision and recovery” and “OPR” for “ongoing precision and recovery.”	The Board chose to omit the parenthetical abbreviations as unnecessary. The phrase “initial precision and recovery” appears nowhere else in the text, and “ongoing precision and recovery” appears only here and in Section 611.1004(a)(3).
611.1009(c)(2)	Agency: Change “Section 141.172” to “Section 611.1008(c)(2).”	The Board instead chose to render this as “Section 611.742,” which corresponds with 40 C.F.R. 141.172, which appears in the text of corresponding 40 C.F.R. 141.709(c)(2).
611.1010 heading	JCAR: Change “filtered systems” to “filtered suppliers.”	The section pertains to filtered systems. There is no need for correction.
611.1010(b)(3)	Agency: Add “highest” before “arithmetic mean of all sample concentrations.”.	The Board-selected text follows that of corresponding 40 C.F.R. 141.710(b)(3). The text calls for the “arithmetic mean” of “all sample concentrations,” which is a single number. Thus, no “highest” is possible.
611.1011(a)(5)	JCAR: Add “treatment” after “removal and inactivation is at least 5.5-log.”	The removal and inactivation is at least 5.5-log, which sets forth the magnitude of the removal or inactivation. This parallels the corresponding federal text.
611.1011(a)(13)	JCAR: Add “treatment” after “removal and inactivation is at least 5.5-log.”	The removal and inactivation is at least 5.5-log, which sets forth the magnitude of the removal or inactivation. This parallels the corresponding federal text.
611.1011(a)(5)	JCAR: Add “treatment” after “removal and inactivation is at least 5.5-log.”	The removal and inactivation is at least 5.5-log, which sets forth the magnitude of the removal or inactivation. This parallels the corresponding federal text.

611.1021(f)(3) & (f)(3)(E)	JCAR: Omit the language “subject to the limitations of subsection (f)(3)(E) of this Section, add the text of subsection (f)(3)(E) as a separate sentence, and remove subsection (f)(3)(E).”	The language chosen by the Board is clear and consistent with other such appearances drafted into the text of this proposal. No further clarity is derived through the suggested movement of text.
611.1021(f)(4) & (f)(4)(C)	JCAR: Omit the language “subject to the limitations of subsection (f)(4)(C) of this Section, add the text of subsection (f)(4)(C) as a separate sentence, and remove subsection (f)(4)(C).”	The language chosen by the Board is clear and consistent with other such appearances drafted into the text of this proposal. No further clarity is derived through the suggested movement of text.
611.1021(f)(7) & (f)(7)(C)	JCAR: Omit the language “subject to the limitations of subsection (f)(7)(C) of this Section, add the text of subsection (f)(7)(C) as a separate sentence, and remove subsection (f)(7)(C).”	The language chosen by the Board is clear and consistent with other such appearances drafted into the text of this proposal. No further clarity is derived through the suggested movement of text.
611.1021(f)(8)	JCAR: Change “State-approval” to “State-approve protocol.”	The Board has instead chosen to remove the hyphen and use “State approval.”

I, John T. Therriault, Assistant Clerk of the Illinois Pollution Control Board, certify that the Board adopted the above opinion on July 26, 2007, by a vote of 4-0.




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John T. Therriault, Assistant Clerk  
Illinois Pollution Control Board