

ILLINOIS POLLUTION CONTROL BOARD

October 4, 2001

IN THE MATTER OF: )  
)  
SDWA UPDATE, USEPA AMENDMENTS ) R02-5  
(January 1, 2001 through June 30, 2001; ) (Identical-in-Substance  
Arsenic Rule) ) Rulemaking - Public Water Supply)

Proposed Rule. Proposal for Public Comment.

OPINION OF THE BOARD (by R.C. Flemal):

Under Sections 7.2 and 17.5 of the Environmental Protection Act (Act) (415 ILCS 5/7.2 and 17.5 (2000)), the Board today proposes amendments to the Illinois regulations that are “identical in substance” to drinking water regulations that the United States Environmental Protection Agency (USEPA) adopted to implement Sections 1412(b), 1414(c), 1417(a), and 1445(a) of the federal Safe Drinking Water Act (SDWA) (42 U.S.C. §§ 300g-1(a), 300g-3(c), 300g-6(a), and 300j-4(a) (1994)). The nominal timeframe of this docket includes federal SDWA amendments that USEPA adopted in the period January 1, 2001 through June 30, 2001.

Sections 7.2 and 17.5 provide for quick adoption 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 (2000)) 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.

This opinion supports an order that the Board also adopts today. The Board will cause the proposed amendments to be published in the *Illinois Register* and will hold the docket open to receive public comments for 45 days after the date of publication.

**FEDERAL ACTIONS CONSIDERED IN THIS RULEMAKING**

The following briefly summarizes the federal actions considered in this rulemaking.

**Docket R02-1: January 1, 2001 through June 30, 2001 SDWA Amendments**

USEPA amended the federal SDWA regulations on only one occasion during the period January 1, 2001 through June 30, 2001. This is summarized below:

66 Fed. Reg. 2273 (January 11, 2001)

USEPA approved analytical methods for 13 List 2 unregulated contaminants that suppliers must monitor. List 2 contaminants are those for which analytical methods are under refinement. USEPA also modified the requirements for implementation of monitoring for List 1 and List 2 contaminants.

66 Fed. Reg. 3466 (January 16, 2001)

By a direct final rule, USEPA approved the use of updated test procedures for determination of various contaminants in water and wastewater.

66 Fed. Reg. 3770 (January 16, 2001)

USEPA adopted minor amendments to the December 16, 1998 interim enhanced surface water rule (63 Fed. Reg. 69478) and the Stage 1 disinfectants and disinfection byproducts rule (63 Fed. Reg. 69390). USEPA had earlier adopted these amendments by a direct final rule on April 14, 2000 (65 Fed. Reg. 20304), but later withdrew those amendments as a result of adverse public comment on June 13, 2000 (65 Fed. Reg. 37052). USEPA again adopted the amendments with minor revisions after receiving additional public comments.

66 Fed. Reg. 6976 (January 22, 2001)

USEPA adopted National Primary Drinking Water Regulations for arsenic in drinking water. The standards included monitoring and reporting requirements for demonstrating compliance. The rules are applicable to non-transient non-community water systems and community water systems.

66 Fed. Reg. 9903 (February 12, 2001)

USEPA corrected its action of January 16, 2001 (66 Fed. Reg. 3770) pertaining to interim enhanced surface water rule and the Stage 1 disinfectants and disinfection byproducts rule.

66 Fed. Reg. 16134 (March 23, 2001)

USEPA delayed the effective date of the January 22, 2001 (66 Fed. Reg. 6976) arsenic rule for 60 days, until May 22, 2001.

66 Fed. Reg. 26795 (May 15, 2001)

USEPA withdrew its January 16, 2001 (66 Fed. Reg. 3466) direct final rule that approved the use of updated test procedures for determination of various contaminants in water and wastewater.

66 Fed. Reg. 27215 (May 16, 2001)

USEPA corrected its January 11, 2001 (66 Fed. Reg. 2273) approval of analytical methods for 13 List 2 unregulated contaminants that suppliers must monitor.

66 Fed. Reg. 28342 (May 22, 2001)

USEPA again delayed the effective date of the January 22, 2001 (66 Fed. Reg. 6976) arsenic rule to February 22, 2002. The January 22, 2004 effective date for compliance and new-source monitoring aspects of the rule remained unchanged.

66 Fed. Reg. 31086 (June 8, 2001)

USEPA adopted the filter backwash recycling rule. The rule regulates the return of recycled flows to the filtration process, which could potentially threaten the

microbiologic integrity of the treatment process.

### **No Board Action on Certain Federal Actions**

Some of the federal actions that occurred during the period of January 1, 2001 through June 30, 2001 will require no action on the part of the Board to amend the Illinois drinking water regulations. The Board summarizes those federal actions here:

1. No action will be necessary on the federal January 11, 2001 (66 Fed. Reg. 2273) unregulated contaminants rules and the May 16, 2001 (66 Fed. Reg. 27215) approval of new methods for unregulated contaminants. As stated in SDWA Update, USEPA Regulations (July 1, 1999 through December 31, 1999) (August 24, 2000), R00-10, USEPA and the Agency have both commented that the unregulated contaminant monitoring provisions are not segments of the federal SDWA rules that the Board is required to adopt and maintain.
2. On May 15, 2001 (66 Fed. Reg. 26795), USEPA withdrew its direct final rule of January 16, 2001 (66 Fed. Reg. 3466) in which it approved updated test procedures for water contaminants. This withdrawal obviates Board action on the January 16, 2001 amendments (as well as the May 15, 2001 withdrawal of those amendments).

### **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, we have not identified any USEPA actions since June 30, 2001 that further amend the SDWA rules. When the Board observes an action outside the nominal timeframe of a docket that would require expedited consideration in the pending docket, the Board will expedite consideration of those amendments. Federal actions that could warrant expedited consideration include those that directly affect the amendments involved in this docket, those for which compelling reasons would warrant consideration as soon as possible and those for which the Board has received a request for expedited consideration. If the Board identifies any federal actions that fulfill these criteria prior to final action on the present amendments, it may include those amendments in the present update docket R02-5.

### **Summary Tabulation of the Federal Actions Included in This Docket**

January 16, 2001 (66 Fed. Reg. 3770)	Minor amendments to the December 16, 1998 interim enhanced surface water rule and Stage 1 disinfectants and disinfection byproducts rule.
January 22, 2001 (66 Fed. Reg. 6976)	National Primary Drinking Water Regulations for arsenic in drinking water.
February 12, 2001 (66 Fed. Reg. 9903)	USEPA corrected the January 16, 2001 amendments to the interim enhanced surface water rule and the Stage 1 disinfectants and disinfection byproducts rule.
March 23, 2001 (66 Fed. Reg. 16134)	USEPA delayed the effective date of the January 22, 2001 arsenic rule for 60 days, until May 22, 2001.

May 22, 2001 (66 Fed. Reg. 28342)	USEPA again delayed the effective date of the January 22, 2001 arsenic rule to February 22, 2002. (The January 22, 2004 effective date for compliance and new-source monitoring aspects of the rule remained unchanged.)
June 8, 2001 (66 Fed. Reg. 31086)	USEPA adopted the filter backwash recycling rule, regulating the return of recycled flows to the filtration process that could potentially threaten the microbiologic integrity of the treatment process.

### **PUBLIC COMMENTS**

The Board will receive public comments on this proposal for 45 days following its publication in the *Illinois Register*. After that time, the Board will immediately consider adoption of the amendments, making any necessary changes made evident through the public comments. The Board will file any adopted rules with the Secretary of State immediately after adoption.

### **DISCUSSION**

The following discussion begins with a description of the types of deviations the Board makes from the literal text of federal regulations in adopting identical-in-substance rules. It is followed by a discussion of the amendments and actions undertaken in direct response to the federal actions involved in this proceeding. This first series of discussions is organized by federal subject matter, generally appearing in chronological order of the relevant *Federal Register* notices involved. Finally, this discussion closes with a description of the amendments and actions that are not directly derived from the federal actions.

#### **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 that we see in the text as we engage in 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 of the date of this opinion, the most recent version of the *Code of Federal Regulations* available to the Board is the July 1, 2000 version. Thus, we have updated all

citations to the 2000 version, 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, 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 (JCAR) has requested that the Board refer to the United States Environmental Protection Agency in the same manner throughout all of our bodies of regulations—*i.e.*, air, water, drinking water, Resource Conservation and Recovery Act (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.” We will continue this conversion in future rulemakings, as additional sections become open to amendment. We 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. The tables set forth the miscellaneous deviations from the federal text and corrections to the pre-amended base text of the rules in detail. The tables are set forth and explained beginning at page 13 of this opinion. There is no further discussion of most of the deviations and revisions elsewhere in this opinion.

### **Discussion of the Federal Actions**

#### **Amendments to the Interim Enhanced Surface Water Treatment Rule and the Stage 1 Disinfectants and Disinfection Byproducts Rule—Subparts I and R and Sections 611.232, 611.250, 611.310, 611.312, 611.313, and 611.680**

On January 16, 2001 (66 Fed. Reg. 3770), USEPA adopted adopted minor amendments to the December 16, 1998 interim enhanced surface water rule (63 Fed. Reg. 69478) and the Stage 1 disinfectants and disinfection byproducts rule (63 Fed. Reg. 69390). On February 12,

2001 (66 Fed. Reg. 9903), USEPA corrected the January 16, 2001 amendments. USEPA had earlier adopted these amendments by a direct final rule on April 14, 2000 (65 Fed. Reg. 20304), but later withdrew those amendments as a result of adverse public comment on June 13, 2000 (65 Fed. Reg. 37052). USEPA ultimately again adopted the amendments on January 16, 2001 after receiving additional public comments.

The Board incorporated the federal amendments into the Illinois drinking water regulations in SDWA Update, USEPA Regulations (July 1, 1998 through December 31, 1998) (July 22, 1999), R99-12, based on an advanced copy of the amendments obtained from the USEPA. At that time the Board chose to proceed without delay to adopt the amendments because they altered the effective dates of the rules that they affected. The amendments ultimately adopted by USEPA on January 16, 2001 have only minimally changed the text of the federal amendments as submitted to the Board in a draft form in 1999. In this present action the Board effects those minimal changes to complete the federal amendments.

The Board has completed the January 16, 2001 federal amendments with only minimal deviation from the text of the federal amendments. Persons interested in a detailed explanation of the substance of the underlying federal action should refer to the notice that appeared in the January 16, 2001 issue of the *Federal Register*. Table 1, which begins on page 13 of this opinion, outlines the deviations from the literal text of the federal rules that the Board found necessary to incorporate the amendments. The Board will offer no explanation of most of those deviations beyond that set forth in the table, since none of the deviations are significant enough to warrant specific discussion.

The Board requests public comment on our incorporation of the January 16, 2001 federal amendments to the interim enhanced surface water rule and the Stage 1 disinfectants and disinfection byproducts rule into the Illinois drinking water regulations.

**National Primary Drinking Water Regulation for Arsenic—Subpart N and 611.101, 611.130, 611.300, 611.301, 611.646, 611.648, 611.884, 611.Appendix A, and Appendix G**

On January 22, 2001 (66 Fed. Reg. 6976), USEPA adopted National Primary Drinking Water Regulations (NPDWRs) applicable to arsenic in drinking water. The arsenic rule will lower the MCL for arsenic from the current 0.05 mg/L to 0.01 mg/L, and it will revise the analytical methods used to determine compliance, amend the monitoring requirements, and change the public notification requirements that apply to arsenic. USEPA further adopted amendments to the new source compliance demonstration requirements applicable to all inorganic contaminants (IOCs), volatile organic contaminants (VOCs), and synthetic organic contaminants (SOCs). As initially adopted by USEPA, the federal arsenic rule contained a number of different effective dates and compliance dates. The effective date for these amendments was March 23, 2001, except that the monitoring and compliance requirements of the rule were to be effective January 22, 2004, and the compliance deadline for the arsenic MCL was January 23, 2006.

On March 23, 2001 (66 Fed. Reg. 16134), USEPA delayed the effective date of various aspects of the arsenic NPDWRs until May 22, 2001. On May 22, 2001 (66 Fed. Reg. 28342),

USEPA again delayed various of the effective dates until February 22, 2002. Unaffected by these actions were the effective dates of the January 22, 2001 amendments pertaining to IOCs generally and to VOCs and SOCs. The effect of the March 23, 2001 and May 22, 2001 amendments was to shift the dates when the arsenic rule takes effect. The first action changed the effective date of the arsenic rule from March 23, 2001 to May 22, 2001. The second action shifted the effective date to February 22, 2002. USEPA stated in changing these dates, it was delaying the effective dates of the amendments “to reassess the scientific and cost issues associated with the arsenic rule . . .” (66 Fed. Reg. 28342 (May 22, 2001).) USEPA stated that the delayed effective dates did not affect the ultimate deadline for compliance with the new MCL for arsenic.

The following tables illustrate the initial and amended effective dates for the various aspects of the arsenic rule and the concurrent amendments:

Initial Effective Date (as published on January 22, 2001): March 23, 2001

First Revised Effective Date (as published on March 23, 2001): May 22, 2001

Current Effective Date (as published on May 22, 2001): February 22, 2002

Subject Matter	Federal Section (40 C.F.R.)	Illinois Section (35 Ill. Adm. Code)
Definitions	141.2	611.101
Old MCL (expires 1-23-2006)	141.11	611.300(a)
Analytical and monitoring requirements (the listed MCL changes on 1-23-2006)	141.23(a)	611.600(d)
Monitoring requirements	141.23(c)	611.603 preamble
Confirmation sampling	141.23(f)(1)	611.606(a)
Approved methods (method expires 1-23-2006)	141.23(k)(1) note 15	611.611(a)(2)(A) Board note
Sample collection	141.23(k)(2)	611.611(b) & (b)(2)
Mandatory health effects language (the levels that trigger the need to use the mandated language change on 7-1-2001, 7-1-2002, and 1-22-2006)	141.154(b)	611.884(b)

Initial Effective Date (as published on January 22, 2001): March 23, 2001

First Revised Effective Date (as published on March 23, 2001): May 22, 2001

Current Effective Date (as published on May 22, 2001): January 22, 2004

Subject Matter	Federal Section (40 C.F.R.)	Illinois Section (35 Ill. Adm. Code)
New system compliance (a system that begins operation or uses a new source of water after 1-22-2004)	141.23(c)(9)	611.603(i)

Unchanged Effective Date (as published on January 22, March 23, and May 22, 2001): January

22, 2004

Subject Matter	Federal Section (40 C.F.R.)	Illinois Section (35 Ill. Adm. Code)
Compliance determination (IOCs)	141.23(i)(1) & (i)(2)	611.609(a)
Compliance determination (VOCs)	141.24(f)(15)	611.646(o)
New system compliance (VOCs) (a system that begins operation or uses a new source of water after 1-22-2004)	141.24(f)(22)	611.646(v)
Compliance determination (SOCs)	141.24(h)(11)	611.648(k)
New system compliance (SOCs) (a system that begins operation or uses a new source of water after 1-22-2004)	141.24(h)(20)	611.648(t)

Unchanged Effective Date (as published on January 22, March 23, and May 22, 2001): January 23, 2006

Subject Matter	Federal Section (40 C.F.R.)	Illinois Section (35 Ill. Adm. Code)
Results reporting	141.23(i)(4)	611.609(d)
Laboratory certification	141.23(k)(3)	611.611(c)
New MCL & BAT	141.62	611.301(b)
Mandatory health effects language (the listed MCL changes on 1-23-2006)	Appendix A to Subpart O	611.Appendix A
Summary of public notice requirements (the listed MCL and Tier 3 violation citations change on 1-23-2006)	Appendix A to Subpart Q	611.Appendix G
Standard health effects language (the listed MCL changes on 1-23-2006)	Appendix B to Subpart Q	611.Appendix H
Variance and exemption requirements	142.62(b)	611.130(c)(1) Board note

The common understanding at USEPA, the Agency, and elsewhere appears to be that the federal arsenic NPDWR is being held in abeyance, at least until February 22, 2002, the date until which USEPA ultimately delayed the effectiveness of the amendments while it revisits the associated technical issues involved. But, the Board must take action now to adopt these rules as Illinois law. Under the Act, it is the date of the *Federal Register* notice that adopts amendments that dictates the deadline for Board action. USEPA adopted the arsenic rule on January 22, 2001, and it has not withdrawn or otherwise nullified the rule, even if USEPA did delay the effective date to revisit the issues. Sections 7.2 and 22.4(a) of the Act (415 ILCS 5/7.2 and 22.4(a) (2000)) mandate that the Board adopt the arsenic rule as it stands by January 16, 2002.<sup>1</sup> This requires the Board to proceed to propose these amendments without regard to the fact that

<sup>1</sup> January 16, 2002 is one year from the date of the earliest federal amendments involved in the six-month update period involved in this docket.



USEPA is unsettled on the issues involved and may well act by February 22, 2002 to replace the current arsenic rule with one that is radically different.

If USEPA adopts another extension of the effective date or a different rule before the Board has filed amendments based on this proposal, the Board will act to incorporate the federal changes into these amendments before they become final and effective. If, on the other hand, as now appears more likely, USEPA proceeds to amend the arsenic rule after the Board has fulfilled our mandate and adopted final amendments based on this proposal, the Board will timely amend the arsenic rule in a future rulemaking. The Board will act as promptly as practical to assure that the Illinois drinking water regulations remain consistent with the federal rules.

The Board has incorporated the federal arsenic rule amendments into the Illinois drinking water regulations with minimal deviation from the literal text of the federal amendments. Persons interested in the substance of the underlying federal action should refer to the notice that appeared in the January 22, 2001, March 23, 2001, and May 22, 2001 issues of the *Federal Register*. Table 1, which begins on page 13 of this opinion, outlines the deviations from the literal text of the federal rules that the Board found necessary to incorporate the amendments. The Board will offer no explanation of most of those deviations beyond that set forth in the table. We do, however, explain the more significant deviations in this discussion.

One set of deviations from the federal text that the Board has found necessary relates to the various federal effective dates involved. We have found it necessary to preface several provisions with their federal effective dates. As explained in SDWA Update, USEPA Regulations (July 1, 2000 through December 31, 2000), R01-20 (October 4, 2001), under federal law, USEPA can codify two versions of a single provision, with one effective up to a certain date and another effective after that date. The Board must codify those versions as separate provisions, and we can then later amend the regulations to remove the expired provision. The Board will codify the new provision under the existing subsection designation as effective on some future date, then renumber the existing provision under a new subsection designation as effective until that future date. Thus, the Board has prefaced Sections 611.601(d)(2), 611.603 preamble, 611.606(a), 611.609(a) and (b), as effective on February 22, 2002; Sections 611.611(b), (c), (o), and (o)(1) through (o)(6), and 611.648(k) and (k)(1) through (k)(5) as effective January 22, 2004 and Sections 611.646(o)(6) and (o)(7) and 611.648(k)(6) and (k)(7) as effective until January 22, 2004, the old MCL listed at Section 611.Appendix A (“arsenic”) as effective until January 23, 2006 and the new MCL as effective on January 23, 2006, and Section 611.300(b) as effective until January 23, 2006,.

The Board makes a specific observation on one aspect of the effect of the federal arsenic rule on the Illinois regulations. Most segments of Section 611.300, as it exists today, are derived from the Illinois regulations adopted under Section 27 of the Act (415 ILCS 5/27 (2000)) that predate the federally derived SDWA regulations adopted as identical-in-substance rules under Sections 7.2 and 17.5 of the Act (415 ILCS 5/7.2 and 17.5 (2000)) and currently codified as 35 Ill. Adm. Code 611 today. See Safe Drinking Water Act Regulations, R88-26 (August 9, 1990) at pp. 73-74; 35 Ill. Adm. Code 604.202 (1988). Over time, the federally-derived MCLs have been removed from this Section, leaving only the state-only inorganic MCLs but those for iron,

manganese, and zinc.<sup>2</sup> The January 23, 2006 expiration of the old arsenic MCL will remove that last federally derived rule from Section 611.300. After that date, the remaining provisions in this Section will be exclusively state-derived rules.

The Board requests public comment on our incorporation of the January 16, 2001 federal amendments to the radiologic contaminant rules into the Illinois drinking water regulations.

### **Filter Backwash Rule—Sections 611.276 and 611.Appendices A and G**

On June 8, 2001 (66 Fed. Reg. 31086), USEPA adopted the filter backwash recycling rule (FBRR). USEPA stated that the purpose of the FBRR is to protect public health by requiring suppliers to change their practice of return of filter backwash water to the treatment process; the purpose of the change is to avoid any compromise of microbial control. The FBRR addresses filter backwash water, sludge thickener supernatant water, and waters from dewatering processes. The FBRR added new 40 C.F.R. 141.76 to the regulations, which requires suppliers to submit a detailed written notification to the State by December 8, 2003 if it recycles spent filter backwash water, thickener supernatant, or dewatering process liquids. Suppliers are prohibited, effective June 8, 2004, against returning these flows to the treatment process except through the existing filtration system or to an alternative location approved by the State. The new rule requires that a supplier must complete all capital improvements necessary to comply with the rule's requirements before June 8, 2006. Also effective June 8, 2004, the suppliers are required to maintain records containing specified information for State inspection.

The Board has incorporated the federal amendments into the Illinois drinking water regulations as 35 Ill. Adm. Code 611.276 with minimal deviation from the literal text of corresponding 40 C.F.R. 141.76. Persons interested in the substance of the underlying federal action should refer to the notice that appeared in the June 8, 2001 issue of the *Federal Register*. Table 1, which begins on page 13 of this opinion, outlines the deviations from the literal text of the federal rules that the Board found necessary to incorporate the amendments. The Board will offer no explanation of those deviations beyond that set forth in the table. We do, however, consider in this discussion specific significant issues raised by subsection (c) of the new Section.

The first issue relating to subsection (c) relates to State designation of alternative locations to return the backwash flows. The information required of the supplier for submission to the State is detailed engineering information that would help the State to gauge the performance and effectiveness of the supplier's filtration process. No segment of the rule, however, sets forth an objective standard for performance or otherwise sets forth a basis for a State determination of an alternative location for introducing the flows. For this reason, and since the only basis for an Agency determination under the Act is by a permit issued pursuant to Section 39 of the Act (415 ILCS 5/39 (2000)), the Board has specified that an Agency determination of an alternative location for reintroducing return flows is to be made as a permit decision. Since standards for Agency permit issuance are set forth in Section 39 of the Act, with

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<sup>2</sup> National secondary MCLs exist for these contaminants, but the Board is not required to incorporate them into the Illinois regulations, since they are not NPDWRs. (See 415 ILCS 5/17.5 (2000) and 40 C.F.R. 143.1 (2000).)

an Agency permit decision being subject to Board review under Section 40 of the Act (415 ILCS 5/39, 40 (2000)).

The second issue relating to subsection (c) of the new provision appears to require compliance with a plan approved by the State by June 8, 2004, but it also provides that the supplier must comply by no later than June 8, 2006 if capital improvements are necessary to achieve compliance. The question arises as to what must occur by June 8, 2004: must the State approve the point for reintroduction of the return flows, or must the supplier comply by returning those flows only to that point by that date? The Board reads this provision as requiring compliance by reintroducing the return flows only at an Agency-approved point in the process by that date. The second question that arises is whether the need for capital improvements to achieve compliance automatically extends the date for compliance until June 8, 2006, or if the mention of the extended compliance date is an indication that the State can extend the date in a specific case where proof has been made that capital improvements are required. The Board notes that section 1412(b)(10) of the federal SDWA (42 U.S.C. § 300g-1(b)(10) (1994)) allows the State to extend the deadline for compliance for up to two years where it determines that such an extension is necessary because the supplier needs to undertake capital improvements to achieve compliance. We read the extension provision of 40 C.F.R. 141.76(c) as referring to a two-year extension as allowed under section 1412(b) of SDWA, and not as automatically allowing such an extension. Thus, in order to obtain an extension of the compliance deadline, the supplier must file an appropriate petition under Section 28.1 or 37 of the Act (415 ILCS 5/28.1 or 37 (2000)) before the Board for relief from the June 8, 2004 date.

The Board requests public comment on our incorporation of the January 16, 2001 federal amendments to the filter backwash rule into the Illinois drinking water regulations. In particular, we request specific comment on our interpretations concerning standards for State determination of the appropriate alternative location for reintroduction of return flows to the treatment process and to the availability of a two-year extension of the compliance deadline where capital improvements are necessary to achieve compliance.

### **Agency or Board Action**

Section 7.2(a)(5) of the Act requires the Board to specify portions of the program USEPA over which will retain decision making authority. Based on the general division of functions within the Act and other Illinois statutes, the Board is also to specify which State agency is to make decisions.

In situations in which the Board has determined that USEPA will retain decision-making authority, the Board has replaced “Regional Administrator” with USEPA, so as to avoid specifying which office within USEPA is to make a decision.

In some identical-in-substance rules, certain decisions pertaining to a permit application are not appropriate for the Agency to consider. In determining the general division of authority between the Agency and the Board, the following factors should be considered:

1. Whether the person making the decision is applying a Board regulation, or taking action contrary to (“waiving”) a Board regulation. It generally takes some form of Board action to “waive” a Board regulation.
2. Whether there is a clear standard for action such that the Board can give meaningful review to an Agency decision.
3. Whether the action would result in exemption from the permit requirement itself. If so, Board action is generally required.
4. Whether the decision amounts to “determining, defining or implementing environmental control standards” within the meaning of Section 5(b) of the Act. If so, it must be made by the Board.

There are four common classes of Board decisions: variance, adjusted standard, site-specific rulemaking, and enforcement. The first three are methods by which a regulation can be temporarily postponed (variance) or adjusted to meet specific situations (adjusted standard or site-specific rulemaking). There often are differences in the nomenclature for these decisions between the USEPA and Board regulations.

### **Discussion 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 this Proposal for Public Comment from the verbatim text of the federal amendments. The second table (beginning below at page 19) contains corrections and clarifications that the Board made in the base text involved in this proposal. The amendments listed in this second table are not directly derived from the current federal amendments. Some of the entries in these tables are discussed further in appropriate segments of the general discussion beginning at page 4 of this opinion.

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

Illinois Section	40 C.F.R. Section	Revision(s)
611.276(a)	141.76(a)	Changed “subpart H systems . . . employ . . . recycle” to singular “a Subpart H system supplier . . . employs . . . recycles”; changed “that” to “which” for a subsequent restrictive relative clause
611.276(b)	141.76(b)	Changed “system” to “supplier” (twice); changed “State” to “Agency”; changed “(b)(1) and (2)” to “(b)(1) and (b)(2)”
611.276(b)(1)	141.76(b)(1)	Changed “which” to “that” for a restrictive relative clause

611.276(b)(2)	141.76(b)(2)	Changed “State” to “Agency” (twice); changed to more specific singular “a determination”
611.276(c)	141.76(c)	Changed “system” to “supplier”; changed “a system’s” to more specific “the supplier’s”; added a comma before “as determined” to offset a parenthetical’ changed “alternate” to “alternative”; added “a permit issued by”; changed “State” to “Agency”
611.276(d)	141.76(d)	Changed “system” to “supplier”; changed “(d)(1) through (6)” to more specific “(d)(1) through (d)(6)”; changed “State” to “Agency”
611.276(d)(1)	141.76(d)(1)	Added the indefinite article “a”
611.276(d)(2)	141.76(d)(2)	Added the indefinite article “a”
611.276(d)(3)	141.76(d)(3)	Added the definite article “the”
611.276(d)(4)	141.76(d)(4)	Added the definite article “the”
611.276(d)(6)	141.76(d)(6)	Changed “and/or” to “or”
611.276 Board note	141.76	Added an indication the federal source of this provision
611.300(a)	141.11(a)	Changed “maximum contaminant level” to the standardized abbreviation “MCL”
611.300(b)	141.11(b)	Retained the old arsenic MCL and added “until January 23, 2006”
611.301(b)	141.62(b)	Added a parenthetical “effective January 23, 2006)” for the federal effective date
611.301(c)	141.62(c)	Placed the content of footnote 4 in a parenthetical in the first column; changed “As V” to “As <sup>V</sup> ” (twice); changed “As III” to “As <sup>III</sup> ”; replaced the BAT notes with abbreviations for the technologies; placed the content of footnote 5 in a parenthetical appended to “O/F” in the second column; added the definite article “the” to the note text
611.301(c) “C/F”	141.62(c) note 2	Changed “systems” to singular “a system”; changed “<” to “that has fewer than”
611.301(c) “O/F”	141.62(c) note 12	Used the abbreviation “O/F” to designate this technology; used lower-case “filtration”

611.301(d)	141.62(d)	Changed “the Administrator . . . hereby identifies in the following table” to “At 40 CFR 141.62(d) . . . USEPA identified the following as”;
611.301(d) note 1	141.62(d) note 1	Added “the federal”; added the <i>United States Code</i> citation; changed “small systems” to singular “a small system supplier”
611.301(d) note 2	141.62(d) note 2	Changed “As V” to “As <sup>V</sup> ” (twice); changed “As III” to “As <sup>III</sup> ”
611.301(d) note 3	141.62(d) note 3	Changed “the Act (Ibid.)” to “the federal SDWA”; changed “small systems” to singular “small system suppliers”; changed the roman numerals to arabic numerals
611.301(d) note 4	141.62(d) note 4	Changed “system” to “supplier”
611.382(b)(1)(C)	141.132(b)(1)(iii)	Changed “0.060 mg/L or 0.045 mg/L for TTHMs or HAA5, respectively” to “0.060 mg/L for TTHMs or 0.045 mg/L for HAA5”; changed “system” to “supplier”; changed “0.080 mg/L or 0.060 mg/L for TTHMs or HAA5, respectively” to “0.080 mg/L for TTHMs or 0.060 mg/L for HAA5”
611.382(b)(1)(D)	141.132(b)(1)(iv)	Added a comma after “monitoring” to offset the parenthetical
611.600(d) table note 6	141.23(a)(4)(i) table note 6	Corrected “unit” to “unit”
611.600(d) table note 7	141.23(a)(4)(i) table note 7	Changed “EPA method” to “USEPA Method” (twice); used lower-case with added parentheses “atomic absorption-platform furnace (stabilized temperature)”; corrected “a MCL” to “an MCL”
611.600(d) table note 8	141.23(a)(4)(i) table note 8	Changed “EPA method” to “USEPA Method”; corrected “a MCL” to “an MCL”
611.601(d)(2)	141.23(a)(5)	Added the federal effective date, “February 22, 2002,” in parentheses
611.603 preamble	141.23(c)	Added the federal effective date, “February 22, 2002,” in parentheses

611.603(i)	141.23(c)(9)	Changed “all new systems or systems that use” to singular “a new system supplier . . . or a supplier . . . that uses”; moved the restrictive relative clause “that begins operation after January 22, 2004” for enhanced clarity; changed “that use a new source of water” to “whose system uses”; changed “specified by the State” to “specified by a permit issued by the Agency”; changed “system” to “supplier”; changed “State” to “Agency”; changed “shall” to “must”
611.603(i) Board note	141.76	Added an indication the federal source of this provision
611.606(a)	141.23(f)(1)	Added the federal effective date, “February 22, 2002,” in parentheses
611.609(a)	141.23(i)(1)	Added the federal effective date, “January 22, 2004,” in parentheses; added the federal effective date, “January 22, 2004,” as a parenthetical offset by a comma
611.609(b)	141.23(i)(2)	Added the federal effective date, “January 22, 2004,” in parentheses; changed “State” to “Agency” (twice); added “effective “January 22, 2004” as a parenthetical offset by a comma; changed “system” to “supplier”
611.609(d)	141.23(i)(4)	Changed “will be reported” to “must be reported”
611.611(a) Board note	141.23(k)(1) table note 13	Moved the text of the footnote into a Board note; changed “EPA Methods” to “USEPA Environmental Metals Methods”; changed “Method 200.7” to “USEPA Environmental Metals Method 200.7”; changed “Method 3120 B” to “Standard Method 3120 B”; changed “Method 200.9” to “USEPA Environmental Metals Method 200.9”; changed “Method 3113 B” to “Standard Method 3113 B”; changed “Method D3559-90D” to “ASTM Method D3559-90D”
611.611(a)(2) Board note	141.23(k)(1) table note 14	Moved the text of the footnote into a Board note

611.611(a)(2)(A) Board note	141.23(k)(1) table note 15	Moved the text of the footnote into a Board note; changed “after” to “effective”; changed “analytical methods . . . may not be used” to “a supplier may no longer employ”; changed “SM 3120 B” to “Standard Methods, Method 3120 B”; changed “prior to 2005” to “prior to the January 23, 2006 effective date” changed “systems” to singular “a supplier”
611.611(b)	141.23(k)(2)	Added the federal effective date, “January 22, 2004,” in parentheses
611.611(c)	141.23(k)(3)	Added the federal effective date, “January 23, 2006,” in parentheses
611.646(o)	141.24(f)(15)	Added the federal effective date, “January 23, 2006,” as a parenthetical offset by a comma
611.646(o)(1)	141.24(f)(15)(i)	Added the federal effective date, “January 23, 2006,” as a parenthetical offset by a comma; changed “systems monitoring” to singular “a supplier that monitors”
611.646(o)(2)	141.24(f)(15)(ii)	Added the federal effective date, “January 23, 2006,” as a parenthetical offset by a comma; changed “systems monitoring” to singular “a supplier that monitors”
611.646(o)(3)	141.24(f)(15)(iii)	Added the federal effective date, “January 23, 2006,” as a parenthetical offset by a comma; changed “system” to “supplier”
611.646(o)(4)	141.24(f)(15)(iv)	Added the federal effective date, “January 23, 2006,” as a parenthetical offset by a comma; changed “system” to “supplier”
611.646(o)(5)	141.24(f)(15)(v)	Added the federal effective date, “January 23, 2006,” as a parenthetical offset by a comma
611.646(v)	141.24(f)(22)	Changed “all new systems or systems that use . . . begin” to singular “a new system supplier or a supplier that uses . . . begins”; changed “specified by the State” to “specified by a permit issued by the Agency”; changed “the State” to “the Agency”; changed “a system” to “the supplier”; changed “shall” to “must”
611.648(k)	141.24(h)(11)	Added the federal effective date, “January 22, 2004,” as a parenthetical offset by a comma; changed “system” to “supplier”



611.648(k)(1)	141.24(h)(11)(i)	Added the federal effective date, “January 22, 2004,” as a parenthetical offset by a comma; changed “systems monitoring” to singular “a supplier that monitors”
611.648(k)(2)	141.24(h)(11)(ii)	Added the federal effective date, “January 22, 2004,” as a parenthetical offset by a comma; changed “systems monitoring” to singular “a supplier that monitors”
611.648(k)(3)	141.24(h)(11)(iii)	Added the federal effective date, “January 22, 2004,” as a parenthetical offset by a comma; changed “system” to singular “supplier”
611.648(k)(4)	141.24(h)(11)(iv)	Added the federal effective date, “January 22, 2004,” as a parenthetical offset by a comma; changed “system” to singular “supplier”
611.648(k)(5)	141.24(h)(11)(v)	Added the federal effective date, “January 22, 2004,” as a parenthetical offset by a comma; changed “system” to singular “supplier”
611.648(t)	141.24(h)(20)	Changed “All new systems or systems that use . . . that begin” to singular “a new system supplier or a supplier that uses . . . begins”; changed “specified by the State” to “specified by a permit issued by the Agency”; changed “system” to “supplier”; changed “State” to “Agency”; changed “a system” to “the supplier”; changed “shall” to “must”
611.884(b)	141.154(b)	Changed “system” to “supplier” (twice); removed the definite article “the” from before “0.05 mg/L”
611.884(b)(1)	141.154(b)(1)	Changed “system” to “supplier”; put quotation marks on the required language; changed “EPA” to “USEPA” (three times)
611.884(f)	141.154(f)	Changed “community water system” to “CWS supplier”
611.Appendix A “arsenic”	Appendix A to Part 141, Subpart O	Retained the present MCL as effective “until January 23, 2006” and predicated the new MCL as “effective January 23, 2006”; added “effective January 26, 2006” in parentheses to the MCLG
611.Appendix G ¶ IV.B.	Appendix A to Part 141, Subpart Q	Renumbered the end note “18” to “20”

**Table 2:**  
**Board Housekeeping Amendments**

Section	Source	Revision(s)
611.101 “Agency”	Board	Moved a comma inside the closing quotation mark; changed “shall” to “will”
611.101 “Ai”	Board	Moved the closing period inside the closing quotation mark
611.101 “Approved source of bottled water”	Board	Moved a comma inside the closing quotation mark
611.101 “Approved source of bottled water” Board note	Board	Updated the <i>Code of Federal Regulations</i> reference to the 2000 edition
611.101 “best available technology” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “CAS No.”	Board	Added a period to the abbreviated term “No.”; moved the closing period inside the closing quotation mark
611.101 “CT”	Board	Changed “shall” to “must” (twice); moved the closing period inside closing quotation mark (twice); changed “point(s)” to “points”
611.101 “CT” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “CT <sub>99,9</sub> ”	Board	Moved the closing period inside the closing quotation mark; updated the <i>Code of Federal Regulations</i> reference to the 2000 edition
611.101 “coagulation” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “community water system”	Board	Changed the defined term to lower-case “water system”
611.101 “community water system” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “compliance cycle” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “compliance period” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “comprehensive performance evaluation” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “confluent growth” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2

611.101 “contaminant” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “conventional filtration treatment” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “diatomaceous earth filtration” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “direct filtration” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “disinfectant” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “disinfectant contact time” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “disinfection” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “disinfection byproduct”	Board	Changed the defined term to lower-case “byproduct”
611.101 “disinfection profile” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “domestic or other non-distribution system plumbing problem” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “dose equivalent” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “enhanced coagulation” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “enhanced softening” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “filter profile” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “filtration” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “flocculation” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “GAC10” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “gross alpha particle activity” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2

611.101 “gross beta particle activity” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “groundwater under the direct influence of surface water”	Board	Added a comma before “such as” to offset a parenthetical; added commas to offset the parenthetical “such as . . . pH”; changed “which” to “that” for a restrictive relative clause
611.101 “groundwater under the direct influence of surface water” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “GWS”	Board	Moved a comma inside the closing quotation mark
611.101 “GWS” Board note	Board	Updated the <i>Code of Federal Regulations</i> reference to the 2000 edition
611.101 “haloacetic acids (five)” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “halogen” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “HPC”	Board	Moved a comma inside the closing quotation mark
611.101 “inactivation ratio”	Board	Changed the defined term to lower-case “ratio”
611.101 “inactivation ratio” Board note	Board	Updated the <i>Code of Federal Regulations</i> reference to the 2000 edition
611.101 “initial compliance period” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “inorganic contaminants” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “L”	Board	Moved the closing period inside the closing quotation mark
611.101 “legionella” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “man-made beta particle and photon emitters”	Board	Placed the reference title, “Maximum Permissible . . . Occupational Exposure” in quotation marks
611.101 “man-made beta particle and photon emitters” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “maximum contaminant level”	Board	Removed the parentheses from the alternative defined term “MCL” and offset it with the conjunction “or”
611.101 “maximum contaminant level” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2

611.101 “maximum contaminant level goal”	Board	Removed the parentheses from the alternative defined term “MCL” and offset it with the conjunction “or”
611.101 “maximum contaminant level goal” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “maximum residual disinfectant level” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “maximum residual disinfectant level goal” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “maximum total trihalomethane potential” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “MFL” Board note	Board	Updated the <i>Code of Federal Regulations</i> reference to the 2000 edition
611.101 “mixed system” Board note	Board	Updated the <i>Code of Federal Regulations</i> reference to the 2000 edition
611.101 “near the first service connection” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “non-transient non-community water system” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “NPDWR	Board	Moved the ending period inside the closing quotation mark
611.101 “NTU	Board	Moved the ending period inside the closing quotation mark
611.101 “P-A coliform test	Board	Moved the ending period inside the closing quotation mark
611.101 “performance evaluation sample” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “person” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “picocurie” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “point of disinfectant application” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “point-of-entry treatment device”	Board	Added the alternative define term “POE” offset by the conjunction “or”

611.101 “point-of-entry treatment device” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “point-of-use treatment device”	Board	Added the alternative define term “POU” offset by the conjunction “or”
611.101 “point-of-use treatment device” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “Public Health”	Board	Moved a comma inside the closing quotation mark; changed “shall” to “must”
611.101 “public water system” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “radioactive contaminants” Board note	Board	Updated the <i>Code of Federal Regulations</i> reference to the 2000 edition
611.101 “reliably and consistently”	Board	Changed “shall” to “must”
611.101 “reliably and consistently” Board note	Board	Updated the <i>Code of Federal Regulations</i> reference to the 2000 edition
611.101 “Rem” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “repeat compliance period” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “residual disinfectant concentration period” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “Safe Drinking Water Act” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “sanitary survey” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “sedimentation” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “service connection”	Board	Changed “a SEP” to “an SEP” (twice)
611.101 “service connection” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 “slow sand filtration” Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2

611.101 "SOC"	Board	Moved a comma inside the closing quotation mark (twice)
611.101 "special irrigation district"	Board	Changed "a SEP" to "an SEP" (twice)
611.101 "special irrigation district" Board note	Board	Updated the <i>Code of Federal Regulations</i> reference to the 2000 edition
611.101 "standard sample" Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 "Subpart B system" Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 "supplier of water" Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 "surface water" Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 "SUVA" Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 "SWS"	Board	Moved a comma inside the closing quotation mark (twice)
611.101 "SWS" Board note	Board	Updated the <i>Code of Federal Regulations</i> reference to the 2000 edition
611.101 "system with a single service connection" Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 "too numerous to count" Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 "total organic carbon"	Board	Changed the defined term to lower-case "organic carbon"
611.101 "total organic carbon" Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 "total trihalomethanes" Board note	Board	Changed "derived from" to "see"; changed "total trihalomethanes" to "trihalomethanes"; removed the unnecessary citation to 40 C.F.R. 141.2; removed parentheses; removed "see the definition of THMs"
611.101 "transient, non-community water system" Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2; moved a comma inside the closing quotation mark (twice)
611.101 "trihalomethane" Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 "uncovered finished water storage facility" Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2

611.101 "VOC"	Board	Moved a comma inside the closing quotation mark (three times)
611.101 "VOC" Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 "waterborne disease outbreak" Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 "Wellhead Protection Program"	Board	Changed the defined term to lower-case "protection program"
611.101 "Wellhead Protection Program" Board note	Board	Removed the unnecessary citation to 40 C.F.R. 141.2
611.101 Board note	Board	Added a citation to 40 C.F.R. 141.2 for the entire Section
611.102(a) "Colisure Test"	Board	Moved a comma inside the closing quotation mark
611.102(a) "Dioxin and Furan Method 1613"	Board	Moved a comma inside the closing quotation mark
611.102(a) "GLI Method 2"	Board	Moved a comma inside the closing quotation mark
611.102(a) "Dioxin and Furan Method 1613"	Board	Moved a comma inside the closing quotation mark
611.102(a) "Guidance Manual for . . . Surface Water Sources"	Board	Removed the entry from the listing of abbreviated names
611.102(a) "Maximum permissible . . . Occupational Exposure"	Board	Removed the entry from the listing of abbreviated names
611.102(a) "NCRP"	Board	Moved the ending period inside the closing quotation mark
611.102(a) "NTIS"	Board	Moved the ending period inside the closing quotation mark
611.102(a) "New Jersey Radium Method"	Board	Moved a comma inside the closing quotation mark
611.102(a) "New York Radium Method"	Board	Moved a comma inside the closing quotation mark
611.102(a) "ONGP-MUG Test"	Board	Moved a comma inside the closing quotation mark (twice)
611.102(a) "Palintest Method 1001"	Board	Added the entry to the listing of abbreviated names



611.102(a) "Procedures for Radiochemical . . . Solutions"	Board	Removed the entry from the listing of abbreviated names
611.102(a) "Radiochemical Methods"	Board	Moved a comma inside the closing quotation mark
611.102(a) "Standard Methods"	Board	Moved a comma inside the closing quotation mark (twice)
611.102(a) "Technical Bulletin 601"	Board	Moved a comma inside the closing quotation mark
611.102(a) "Technicon Methods"	Board	Moved a comma inside the closing quotation mark; changed the source to "Bran & Luebbe"
611.102(a) "USDOE Manual"	Board	Moved a comma inside the closing quotation mark
611.102(a) "USEPA Asbestos Methods- 100.1"	Board	Moved a comma inside the closing quotation mark; added the reference date to the listing
611.102(a) "USEPA Asbestos Methods- 100.2"	Board	Moved a comma inside the closing quotation mark; added the reference date to the listing
611.102(a) "USEPA Environmental Inorganics Methods"	Board	Moved a comma inside the closing quotation mark; added the reference date to the listing; removed references to "Methods for the Determination of . . . Environmental Samples" and "Determination or Inorganic Anions . . . by Ion Chromatography"
611.102(a) "USEPA Environmental Metals Methods"	Board	Moved a comma inside the closing quotation mark
611.102(a) "USEPA Inorganic Methods"	Board	Added the entry to the listing of abbreviations
611.102(a) "USEPA Interim Radiochemical Methods"	Board	Moved a comma inside the closing quotation mark
611.102(a) "USEPA Organic Methods"	Board	Moved the entry to its appropriate alphabetic position in the listing of abbreviations; moved a comma inside the closing quotation mark (four times)
611.102(a) "USEPA Radioactivity Methods"	Board	Moved a comma inside the closing quotation mark
611.102(a) "USEPA Radiochemical Analyses"	Board	Moved a comma inside the closing quotation mark

611.102(a) "USEPA Radiochemistry Methods"	Board	Moved a comma inside the closing quotation mark
611.102(a) "USEPA Technical Notes"	Board	Moved a comma inside the closing quotation mark
611.102(a) "USGS Methods"	Board	Moved a comma inside the closing quotation mark
611.102(a) "Waters Method B-1011"	Board	Moved a comma inside the closing quotation mark; changed the source to "Waters Corporation, Technical Services Division"
611.102(b) "American Public Health Association," "Standard Methods . . ." 17th edition	Board	Moved a comma inside the closing quotation mark
611.102(b) "American Public Health Association," "Standard Methods . . ." 18th edition	Board	Moved a comma inside the closing quotation mark (twice)
611.102(b) "American Public Health Association," "Standard Methods . . ." 19th edition	Board	Moved a comma inside the closing quotation mark
611.102(b) "American Water Works Association," "Standard Methods . . ." 18th edition	Board	Added a listing for "Method 3500-mg E"
611.102(b) "American Water Works Association," "Standard Methods . . ." 18th edition	Board	Added listings for "Method 2320 B" through "Method 4500-Si F"
611.102(b) "ASTM"	Board	Updated the address and phone number information
611.102(b) "ASTM," "ASTM Method D511-93 A and B"	Board	Moved a comma inside the closing quotation mark (twice)
611.102(b) "ASTM," "ASTM Method D515-88 A and B"	Board	Moved a comma inside the closing quotation mark (twice)
611.102(b) "ASTM," "ASTM Method D859-88"	Board	Moved a comma inside the closing quotation mark

611.102(b) "ASTM," "ASTM Method D1067-92 B"	Board	Moved a comma inside the closing quotation mark (twice)
611.102(b) "ASTM," "ASTM Method D1125-91 A"	Board	Moved a comma inside the closing quotation mark (twice)
611.102(b) "ASTM," "ASTM Method D1179-93 B"	Board	Moved a comma inside the closing quotation mark (twice)
611.102(b) "ASTM," "ASTM Method D1293-84"	Board	Moved a comma inside the closing quotation mark (twice)
611.102(b) "ASTM," "ASTM Method D1688-90 A or C"	Board	Moved a comma inside the closing quotation mark (twice)
611.102(b) "ASTM," "ASTM Method D2036-91 A or B"	Board	Moved a comma inside the closing quotation mark (twice)
611.102(b) "ASTM," "ASTM Method D2460-90"	Board	Moved a comma inside the closing quotation mark
611.102(b) "ASTM," "ASTM Method D2907-91"	Board	Moved a comma inside the closing quotation mark (twice)
611.102(b) "ASTM," "ASTM Method D2972-93 B or C"	Board	Moved a comma inside the closing quotation mark (twice)
611.102(b) "ASTM," "ASTM Method D3223-91"	Board	Moved a comma inside the closing quotation mark
611.102(b) "ASTM," "ASTM Method D3454-91"	Board	Moved a comma inside the closing quotation mark
611.102(b) "ASTM," "ASTM Method D3559-90 D"	Board	Moved a comma inside the closing quotation mark (twice)
611.102(b) "ASTM," "ASTM Method D3645-93 B"	Board	Moved a comma inside the closing quotation mark (twice)
611.102(b) "ASTM," "ASTM Method D3649-91"	Board	Moved a comma inside the closing quotation mark
611.102(b) "ASTM," "ASTM Method D3697-92"	Board	Moved a comma inside the closing quotation mark

611.102(b) "ASTM," "ASTM Method D3859-93 A"	Board	Moved a comma inside the closing quotation mark (twice)
611.102(b) "ASTM," "ASTM Method D3867-90 A and B"	Board	Moved a comma inside the closing quotation mark (twice)
611.102(b) "ASTM," "ASTM Method D3972-90"	Board	Moved a comma inside the closing quotation mark
611.102(b) "ASTM," "ASTM Method D4107-91"	Board	Moved a comma inside the closing quotation mark
611.102(b) "ASTM," "ASTM Method D4327-91"	Board	Moved a comma inside the closing quotation mark
611.102(b) "ASTM," "ASTM Method D4785-88"	Board	Moved a comma inside the closing quotation mark
611.102(b) "ASTM," "ASTM Method D5174-91"	Board	Moved a comma inside the closing quotation mark
611.102(b) "ASTM," "ASTM Method D 1253-86"	Board	Moved a comma inside the closing quotation mark
611.102(b) "Bran & Luebbe"	Board	Added document source for methods for fluoride testing
611.102(b) "The Hach Company"	Board	Added document source for a method for lead testing
611.102(b) "Millipore Corporation"	Board	Deleted the listing in favor of listing under Waters Corporation
611.102(b) "NCRP," "Maximum Permissible . . . Exposure"	Board	Moved a comma inside the closing quotation mark
611.102(b) "NTIS," "Interim Radiochemical Methodology . . ."	Board	Moved a comma inside the closing quotation mark
611.102(b) "NTIS," "Method 100.1"	Board	Moved a comma inside the closing quotation mark
611.102(b) "NTIS," "Method 100.2"	Board	Moved a comma inside the closing quotation mark

611.102(b) "NTIS," "Methods for Chemical Analysis ..."	Board	Moved a comma inside the closing quotation mark
611.102(b) "NTIS," "Methods for the Determination of Inorganic Substances. . ."	Board	Added the reference previously listed only in subsection (a)
611.102(b) "NTIS," "Methods for the Determination of Metals . . ."	Board	Moved a comma inside the closing quotation mark; added a reference to the 1994 supplement
611.102(b) "NTIS," "Methods for the Determination of Metals . . ."	Board	Moved a comma inside the closing quotation mark
611.102(b) "NTIS," "Methods for the Determination of Organic Compounds . . . Supplement I"	Board	Moved a comma inside the closing quotation mark
611.102(b) "NTIS," "Methods for the Determination of Organic Compounds . . . Supplement II"	Board	Moved a comma inside the closing quotation mark
611.102(b) "NTIS," "Prescribed Procedures . . ."	Board	Moved a comma inside the closing quotation mark
611.102(b) "NTIS," "Procedures for Radiochemical . . ."	Board	Moved a comma inside the closing quotation mark
611.102(b) "NTIS," "Radiochemical Analytical Procedures ..."	Board	Moved a comma inside the closing quotation mark
611.102(b) "NTIS," "Radiochemistry Procedures Manual"	Board	Moved a comma inside the closing quotation mark
611.102(b) "NTIS," "Technical Notes on Drinking Water Methods"	Board	Moved a comma inside the closing quotation mark

611.102(b) "NTIS," "Tetra- through Octa- Chlorinated Dioxins ..."	Board	Moved a comma inside the closing quotation mark
611.102(b) "New Jersey Department of Environment," "Determination of Radium-228 . . ."	Board	Moved a comma inside the closing quotation mark
611.102(b) "New York Department of Health," "Determination of Ra- 226 and Ra-228 (Ra- 02)"	Board	Moved a comma inside the closing quotation mark
611.102(b) "Palintest"	Board	Added the listed method from this source.
611.102(b) "Technicon Industrial Systems"	Board	Deleted the listing in favor of listing under Bran & Luebbe
611.102(b) "United States Department of Energy," "EML Procedures Manual"	Board	Moved a comma inside the closing quotation mark
611.102(b) "United States Environmental Protection Agency," "Interim Radiochemical Methodology . . ."	Board	Moved a comma inside the closing quotation mark
611.102(b) "United States Environmental Protection Agency, EMSL" "Procedures for Radiochemical Analysis . . ."	Board	Moved a comma inside the closing quotation mark
611.102(b) "USEPA, Science and Technology Branch" "Guidance Manual for Compliance . . ."	Board	Moved a comma inside the closing quotation mark
611.102(b) "USGS"	Board	Corrected the ZIP code to "25286"
611.102(b) "USGS" "Methods for Analysis ..."	Board	Corrected "of" to "for" in the document title; moved a comma inside the closing quotation mark (twice); added the document publication date "1993"

611.102(b) "USGS" "Methods for Determination . . ."	Board	Moved a comma inside the closing quotation mark (twice)
611.102(b) "Waters Corporation"	Board	Moved the listing from under "Millipore Corporation"
611.130(c)(1) Board note	Board	Deleted unnecessary date from a citation to the <i>Code of Federal Regulations</i> (twice)
611.130(c) Board note	Board	Updated the <i>Code of Federal Regulations</i> reference to include a reference to later <i>Federal Register</i> amendments
611.130(g)(5)	Board	Changed "community water system" to the standardized abbreviation "CWS"
611.232 preamble	Board	Changed "shall" to "must"
611.232(a)(1)	Board	Changed "shall" to "must"
611.232(a)(2)	Board	Changed "shall" to "must"
611.232(a)(3)	Board	Changed "shall" to "must"
611.232(a)(4)	Board	Changed "shall" to "must"
611.232(b)	Board	Changed "shall" to "must"; changed "which" to "that" for a restrictive relative clause
611.232(b)(1)	Board	Changed "shall" to "must" (twice)
611.232(b)(1)(B)	Board	Changed "system's" to "supplier's"
611.232(b)(1)(C)	Board	Changed "system" to "supplier"
611.232(b)(1)(C)(ii)	Board	Changed "which" to "that" for a restrictive relative clause
611.232(b)(1)(C)(iii)	Board	Changed "which" to "that" for a restrictive relative clause
611.232(b)(2)	Board	Changed "shall" to "must" (twice); changed "which" to "that" for a restrictive relative clause
611.232(c)	Board	Changed "shall" to "must" (twice)
611.232(c)(3)	Board	Changed "system's" to "supplier's"
611.232(c)(7)	Board	Changed "which" to "that" for a restrictive relative clause
611.232(e)	Board	Changed "shall" to "must"
611.232(f)	Board	Changed "shall" to "must" (three times); changed "system" to "supplier"
611.232(e)	Board	Changed "shall" to "must"
611.232 Board note	Board	Updated the <i>Code of Federal Regulations</i> reference to include a reference to later <i>Federal Register</i> amendments
611.250 preamble	Board	Changed "shall" to "must"; changed "which" to "that" for a restrictive relative clause
611.250(a)(1)	Board	Changed to singular "a system"; changed to definite article "the"; changed "shall" to "must"

611.250(b)(1)	Board	Changed to singular “a system”; changed to definite article “the”; changed “shall” to “must”
611.250(c)(1)	Board	Changed to singular “a system”; changed to definite article “the”
611.250(d)	Board	Changed “system” to “supplier”; changed “systems” to singular “a supplier”; changed “shall” to “must”
611.250(e)	Board	Changed “systems” to singular “a supplier”; changed “shall” to “must”
611.250 Board note	Board	Updated the <i>Code of Federal Regulations</i> reference to include a reference to later <i>Federal Register</i> amendments
611.300(a)	Board	Corrected the cross-reference to “Sections 611.600 through 611.611”
611.300(a) Board note	Board	Updated the <i>Code of Federal Regulations</i> reference to the 2000 edition and to include a reference to later <i>Federal Register</i> amendments
611.300(b) Board note	Board	Updated the <i>Code of Federal Regulations</i> reference to the 2000 edition, including a reference to later <i>Federal Register</i> amendments; removed language explaining the federal history of this provision; added language explaining that this will become a State-only provision upon expiration of the old arsenic MCL
611.300(c)	Board	Updated the <i>Code of Federal Regulations</i> reference to the 2000 edition
611.300(d) Board note	Board	Updated the <i>Code of Federal Regulations</i> reference to the 2000 edition
611.301(c)	Board	Changed “subsection (b) above” to “subsection (b) of this Section”
611.301 Board note	Board	Updated the <i>Code of Federal Regulations</i> reference to the 2000 edition and to include a reference to later <i>Federal Register</i> amendments
611.310(a) Board note	Board	Updated the <i>Code of Federal Regulations</i> reference to the 2000 edition
611.310(b) Board note	Board	Updated the <i>Code of Federal Regulations</i> reference to the 2000 edition
611.310(c)(1)	Board	Changed “community water system” to the standardized abbreviation “CWS supplier”
611.310(c)(2)	Board	Changed “community water systems that use” to the singular standardized abbreviation “a CWS supplier that uses”
611.310(c) Board note	Board	Updated the <i>Code of Federal Regulations</i> reference to the 2000 edition; changed “supplies other than CWSs that add . . . and which provide” to singular “a supplier other than a CWS supplier that adds . . . and which provides”



611.312(b)(1)	Board	Changed “Subpart B system” to “Subpart B system supplier” (twice); changed “shall” to “must” (twice); changed “and” to “or”; changed “systems” to singular “a supplier”
611.312(b)(2)	Board	Changed “shall” to “must” (twice)
611.312 Board note	Board	Added a <i>Code of Federal Regulations</i> reference for the source of this provision, including a <i>Federal Register</i> citation to later amendments
611.313(b)(1)	Board	Changed “Subpart B system” to “Subpart B system supplier” (twice); changed “shall” to “must” (twice); changed “and” to “or”; changed “systems” to singular “a supplier”
611.313(b)(2)	Board	Changed “Subpart B system” to “Subpart B system supplier” (twice); changed “shall” to “must” (twice); changed “and” to “or”; changed “systems” to singular “a supplier”
611.313(c)	Board	Changed “subsection (a)” to “subsection (a) of this Section”
611.313 Board note	Board	Added a <i>Code of Federal Regulations</i> reference for the source of this provision, including a <i>Federal Register</i> citation to later amendments
611.380(a)(1)	Board	Changed “community water systems (CWSs) and non-transient, non-community water systems (NTNCWSs) that add . . . or which provide . . . their” to the singular standardized abbreviations “a CWS supplier or a NTNCWS supplier that adds . . . or which provides . . . its”
611.380(a)(2)	Board	Changed “transient, non-community water systems (transient non-CWSs) that use . . . their” to the singular standardized abbreviation “a transient non-CWS supplier that uses . . . its”
611.380(a)(3)	Board	Changed “which” to “that” for a restrictive relative clause
611.380(b)(1)	Board	Changed “systems” to the singular “a supplier” (twice); changed “Subpart B system” to “Subpart B system supplier” (twice); changed “shall” to “must”; changed “and” to “or”
611.380(b)(2)	Board	Changed “Subpart B system” to “Subpart B system supplier” (twice); changed “shall” to “must” (twice); changed “systems” to the singular “a supplier”; changed “and” to “or”
611.380(c)	Board	Changed “each CWS and NTNCWS” to “each CWS or NTNCWS supplier”
611.380(d)	Board	Changed “systems” to singular “a supplier”

611.380 Board note	Board	Added a <i>Code of Federal Regulations</i> reference for the source of this provision, including a <i>Federal Register</i> citation to later amendments
611.381(a)	Board	Changed “systems” to singular “a supplier”; changed “shall” to “must”; changed “method(s)” to “methods”
611.381(b)(1)	Board	Changed “systems” to singular “a supplier”; changed “shall” to “must”
611.381(b)(1) table	Board	Reformatted for enhanced clarity and to fit within the page borders; changed “X indicates” to “the listed” in note 1; removed the unnecessary Board note indication of the source of this provision
611.381(b)(1) table Board note	Board	Removed the unnecessary citation of the source of this provision
611.381(b)(2)	Board	Changed “shall” to “must”
611.381(c)(1)	Board	Changed “systems” to singular “a supplier”; changed “shall” to “must”
611.381(c)(1) table	Board	Reformatted for enhanced clarity and to fit within the page borders; changed “X indicates” to “the listed” in note 1; removed the unnecessary Board note indication of the source of this provision
611.381(c)(2)	Board	Changed “systems” to singular “a supplier”
611.381(c)(3)	Board	Changed “shall” to “must”
611.381(d)	Board	Changed “systems” to singular “a supplier”; changed “shall” to “must” (twice)
611.381(d)(4)	Board	Changed “systems” to singular “a supplier”; changed “system” to “supplier”
611.381 Board note	Board	Added a <i>Code of Federal Regulations</i> reference for the source of this provision, including a <i>Federal Register</i> citation to later amendments
611.382(a)(1)	Board	Changed “systems” to singular “a supplier”; changed “shall” to “must”
611.382(a)(2)	Board	Changed “systems” to singular “a supplier”
611.382(a)(4)	Board	Changed “system’s” to “supplier’s”
611.382(a)(5)	Board	Changed “systems” to singular “a supplier”; changed “shall” to “must”
611.382(b)(1)(A)	Board	Changed “systems” to singular “a supplier”; changed “shall” to “must”

611.382(b)(1)(A) table	Board	Reformatted for enhanced clarity and to fit within the page borders; changed “system” to “supplier” (six times); changed “Subpart B system” to “Subpart B system supplier” (three times); added the definite article “the” before “standards”; corrected the cross-reference to “subsection (b)(1)(D) of this Section” (twice); changed systems” to singular “a supplier” (twice); added a comma before “with” to offset a parenthetical; removed the unnecessary Board note indication of the source of this provision
611.382(b)(1)(B)	Board	Changed “systems” to singular “a supplier”
611.382(b)(1)(B) table	Board	Reformatted for enhanced clarity and to fit within the page borders; changed “Subpart B system” to “Subpart B system supplier” (three times); changed “which” to “that” for a restrictive relative clause (twice); changed “system” to “supplier”; added the definite article “the” before “supplier”; removed the unnecessary Board note indication of the source of this provision
611.382(b)(1)(C)	Board	Changed “systems” to singular “a supplier” (five times); changed “which” to “that” for a restrictive relative clause (twice); changed “system” to “supplier” (twice); corrected “≥” to “>”; removed the unnecessary Board note indication of the source of this provision
611.382(b)(1)(D)	Board	Changed “systems” to singular “a supplier”; changed “the” to “its”
611.382(b)(1)(E)	Board	Changed “system” to “supplier”
611.382(b)(2)	Board	Changed “community and nontransient noncommunity water systems” to singular standardized abbreviations “a CWS or NTNCWS supplier”; changed “shall” to “must”
611.382(b)(2)(A)(i)	Board	Changed “systems” to the singular “a supplier”; changed “shall” to “must” (twice); changed “system” to “supplier”
611.382(b)(2)(A)(ii)	Board	Changed “systems” to singular “a supplier”; changed “shall” to “must”; changed “system” to “supplier” (twice)
611.382(b)(2)(B)	Board	Changed “system” to “supplier”; changed “shall” to “must”
611.382(b)(2)(C)(ii)	Board	Changed “system” to “supplier” (four times); changed “shall” to “must”
611.382(b)(3)(A)	Board	Changed “community and nontransient noncommunity water systems” to singular standardized abbreviations “a CWS or NTNCWS supplier”; changed “shall” to “must” (twice); changed “systems” to singular “a supplier”

611.382(b)(3)(B)	Board	Changed “systems” to singular “a supplier”; changed “system” to “supplier” (three times); changed “shall” to “must”
611.382(c)(1)(A)	Board	Changed “community and nontransient noncommunity water systems that use” to singular standardized abbreviations “a CWS or NTNCWS supplier that uses”; changed “shall” to “must” (twice); changed “systems” to singular “a supplier”
611.382(c)(2)(A)	Board	Changed “community, nontransient noncommunity and transient noncommunity water systems that use” to singular standardized abbreviations “a CWS, an NTNCWS, or a non-transient non-CWS supplier that uses”; changed “shall” to “must” (twice); changed “system” to singular “supplier”
611.382(c)(2)(B)	Board	Changed “system” to “supplier” (three times); changed “shall” to “must” (three times)
611.382(d)(1)	Board	Changed “Subpart B system” to “Subpart B supplier”; changed “shall” to “must” (three times); changed “all systems” to singular “a supplier” (twice); changed “systems” to singular “a supplier”
611.382(d)(2)	Board	Changed “Subpart B system” to “Subpart B supplier”; changed “systems shall” to singular “a supplier must”
611.382(e)	Board	Changed “systems” to singular “a supplier”; changed “systems shall” to singular “a supplier must”
611.382(f)	Board	Changed “system” to “supplier” (twice); changed “shall” to “must” (three times); changed “Subpart B system” to “Subpart B supplier”
611.382(f)(1)	Board	Changed the cross-reference to “this Subpart I”
611.382(f)(2)	Board	Changed “system” to “supplier”
611.382 Board note	Board	Added a <i>Code of Federal Regulations</i> reference for the source of this provision, including a <i>Federal Register</i> citation to later amendments
611.383(a)(1)	Board	Changed “system” to “supplier”; changed “system’s” to “supplier’s”
611.383(a)(3)	Board	Changed “system” to “supplier” (twice)
611.383(b)(1)(A)	Board	Changed “systems” to singular “a supplier”; changed “system” to “supplier”
611.383(b)(1)(B)	Board	Changed “systems” to singular “a supplier” (twice); changed “systems demonstrate” to singular “the supplier demonstrates”; changed “system” to “supplier” (twice); added a comma before “and such a system is not . . .” to offset an independent clause
611.383(b)(1)(C)	Board	Changed “system” to “supplier”
611.383(b)(2)	Board	Changed “system” to “supplier” (three times); changed “PWS” to “PWS supplier”

611.383(b)(3)	Board	Changed “system” to “supplier”
611.383(c)(1)(A)	Board	Changed “system” to “supplier” (twice)
611.383(c)(1)(B)	Board	Changed “systems switch” to singular “a supplier switches”
611.383(c)(2)(A)	Board	Changed “system” to “supplier” (three times)
611.383(c)(2)(B)	Board	Changed “system” to “supplier” (three times)
611.383(d)	Board	Changed “systems switch” to singular “a supplier switches” (three times); changed “system” to “supplier” (four times)
611.383 Board note	Board	Added a <i>Code of Federal Regulations</i> reference for the source of this provision, including a <i>Federal Register</i> citation to later amendments
611.384(a)	Board	Changed “systems” to singular “a supplier” (twice); changed “shall” to “must” (twice)
611.384(b)	Board	Changed “systems” to singular “a supplier”; changed “shall” to “must”
611.384(b) table	Board	Changed “you are” to “a supplier is”; changed “you” to “the supplier”; changed “system” to “supplier” (six times)
611.384(b) Board note	Board	Deleted the unnecessary citation of the source of this provision
611.384(c)	Board	Changed “systems” to singular “a supplier”; changed “shall” to “must”
611.384(c) table	Board	Changed “you are” to “a supplier is”; changed “you” to “the supplier”; changed “system” to “supplier” (three times)
611.384(c) Board note	Board	Deleted the unnecessary citation of the source of this provision
611.384(d)	Board	Changed “systems” to singular “a supplier”; changed “shall” to “must”
611.384(d) table	Board	Changed “you are” to “a supplier is”; changed “you” to “the supplier”; changed “system” to “supplier” (six times); corrected the cross-reference to “Section 611.385(a)(2)(A) or (a)(2)(C)”; changed “systems” to singular “a supplier” (eight times); changed “systems” to singular “supplier”
611.384(d) Board note	Board	Deleted the unnecessary citation of the source of this provision
611.384 Board note	Board	Added a reference to the <i>Code of Federal Regulations</i> source of this provision, including a citation to later <i>Federal Register</i> amendments
611.385(a)(1)	Board	Changed “Subpart B system” to “Subpart B system supplier”; changed “shall” to “must”; changed “system” to “supplier”

611.385(a)(2)	Board	Changed “Subpart B system” to “Subpart B system supplier”; corrected the cross-reference to “subsections (a)(2)(A) through (a)(2)(F)”;	changed “systems” to singular “a supplier”; changed “shall” to “must”
611.385(a)(2)(A)	Board	Changed “system’s” to “supplier’s”	
611.385(a)(2)(B)	Board	Changed “system’s” to “supplier’s”	
611.385(a)(2)(C)	Board	Changed “system’s” to “supplier’s”; changed “systems” to singular “a supplier”; changed “shall” to “must”	
611.385(a)(2)(D)	Board	Changed “system” to “supplier”	
611.385(a)(2)(E)	Board	Changed “system’s” to “supplier’s”	
611.385(a)(2)(F)	Board	Changed “system’s” to “supplier’s”	
611.385(a)(3)	Board	Changed “systems” to singular “a supplier” (twice); changed “shall” to “must”	
611.385(b)(1)	Board	Changed “systems” to singular “a supplier”; changed “shall” to “must”; changed “system’s” to “supplier’s”	
611.385(b)(2)	Board	Changed “systems” to singular “a supplier”; changed “shall” to “must”	
611.385(b)(2) table	Board	Changed “Subpart B system” to “Subpart B system supplier”; changed “systems” to singular “a supplier” (twice); corrected the cross-reference to “subsections (a)(2)(A) through (a)(2)(F)”;	
611.385(b)(3)	Board	Changed “Subpart B system” to “Subpart B system supplier”; changed “system” to “supplier” (twice); changed “shall” to “must” (twice)	
611.385(b)(4)	Board	Changed “applications” to singular “an application”; changed “enhanced coagulation systems” to singular “an enhanced coagulation system supplier”	
611.385(b)(4)(A)	Board	Changed “system” to “supplier”	
611.385(b)(4)(C)	Board	Changed “system” to “supplier”; changed “shall” to “must”	
611.385(b)(4)(D)	Board	Changed “system” to “supplier”	
611.385(b)(4)(E)	Board	Changed “system” to “supplier”; changed “shall” to “must”	
611.385(c)(1)	Board	Changed “Subpart B system” to “Subpart B system supplier”; changed “shall” to “must” (twice); changed “systems” to singular “a supplier”; changed “system” to “supplier”	
611.385(c)(1)(E)	Board	Changed “system” to “supplier”	
611.385(c)(2)	Board	Changed “systems” to singular “a supplier”	
611.385(c)(2)(A)	Board	Changed “system’s” to “supplier’s”; changed “system” to “supplier”	
611.385(c)(2)(B)	Board	Changed “system” to “supplier”	
611.385(c)(2)(C)	Board	Changed “system” to “supplier”	
611.385(c)(2)(D)	Board	Changed “system” to “supplier”	

611.385(c)(2)(E)	Board	Changed “system” to “supplier”
611.385(c)(3)	Board	Changed “Subpart B system” to “Subpart B system supplier”
611.385(d)	Board	Changed “Subpart B system” to “Subpart B system supplier”
611.385 Board note	Board	Added a reference to the <i>Code of Federal Regulations</i> source of this provision, including a citation to later <i>Federal Register</i> amendments
611.600(c) Board note	Board	Deleted the unnecessary citation of the source of this provision
611.600(d) table	Board	Added footnote marking “5” previously omitted (four times); added footnote marking “1” previously omitted; added footnote marking “2” previously omitted, removing text from the table (twice); added footnote marking “3” previously omitted, removing text from the table (three times); added footnote marking “4” previously omitted, removing text from the table
611.600 Board note	Board	Changed “derived from” to “subsections (a) through (c) of this Section are derived from”; added the date for the most recent edition of the <i>Code of Federal Regulations</i> ; added a comma to offset an independent clause; changed “paragraph (a)(4)(i)” to “subsection (d) is derived from 40 CFR 141.23(a)(4)(i)”; updated the <i>Code of Federal Regulation</i> citation to the latest edition available, including the citation of later <i>Federal Register</i> amendments
611.601(a)(3)	Board	Changed “a SEP” to “an SEP”
611.601(b)(2)	Board	Changed “SWSs and mixed systems” to singular “an SWS or a mixed system supplier”; changed “a SWS” to “an SWS”
611.601(b)(3)	Board	Changed “system” to “supplier”
611.603(a)(1)	Board	Changed “GWSs” to singular “a GWS supplier”
611.603(a)(2)	Board	Changed “SWSs and mixed systems” to singular “an SWS or a mixed system supplier”
611.603(b)(1)	Board	Changed “a SEP” to “an SEP”
611.603(b)(2)	Board	Changed “a SEP” to “an SEP”
611.603(d)	Board	Changed “a SEP” to “an SEP”
611.603(d)(2)	Board	Changed “SWSs and mixed system suppliers” to singular “an SWS or a mixed system supplier”
611.603(d)(4)	Board	Changed “a SEP” to “an SEP”
611.603(f)(1)	Board	Changed “a SEP” to “an SEP”
611.603(f)(2)	Board	Changed “a SEP” to “an SEP” (twice)
611.603(h)(1)	Board	Changed “a SEP” to “an SEP”
611.603(h)(2)	Board	Changed “a SEP” to “an SEP”

611.603(h)(2)(B)	Board	Changed “an SWS or mixed system” to “an SWS or a mixed system supplier”
611.603(h)(3)	Board	Changed “all SEPs that allow” to singular “any SEP that allows”
611.606 Board note	Board	Updated the <i>Code of Federal Regulation</i> citation to the latest edition available, including the citation of later <i>Federal Register</i> amendments
611.609 preamble	Board	Changed “result(s)” to “results”
611.609(d)	Board	Replaced the existing provision relating to public notification (removed by USEPA on May 4, 2000 (65 Fed. Reg. 25982)) with the text of new 40 C.F.R. 141.23(i)(4)
611.609 Board note	Board	Updated the <i>Code of Federal Regulation</i> citation to the latest edition available, including the citation of later <i>Federal Register</i> amendments
611.611(a) Board note	Board	Added text previously omitted from footnote 13 to the table at 40 C.F.R. 141.23(k)(1)
611.611(a)(1) Board note	Board	Added text previously omitted from footnote 14 to 40 C.F.R. 141.23(k)(1)
611.611(a)(1)(D)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(2)(A)(ii)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(2)(D)(ii)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(2)(E)(ii)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(4)(A)(ii)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(4)(C)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(4)(D)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(5)(A)(ii)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(5)(D)(ii)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(6)(D)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(7)(A)(ii)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(7)(D)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(8)(A)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(8)(A)(ii)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(8)(B)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(8)(B)(ii)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(8)(C)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(8)(D)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(9)(A)(iii)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(9)(B)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(9)(C)(ii)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(9)(E)(i)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(10)(A)(iii)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(11)(A)(ii)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(11)(D)	Board	Corrected “18th” to “18th or 19th”



611.611(a)(11)(E)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(12)(A)(iii)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(12)(B)(iii)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(12)(C)(i)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(12)(D)(ii)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(13)(A)(iii)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(13)(B)(iii)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(13)(C)(ii)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(13)(D)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(14)(A)(ii)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(14)(D)(ii)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(16)(A)(ii)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(16)(D)	Board	Add the previously omitted “Palintest Method 1001”
611.611(a)(17)(A)(ii)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(17)(B)(ii)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(17)(C)(ii)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(18)(A)(iii)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(19)(B)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(20)(A)(ii)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(20)(B)(ii)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(20)(C)(ii)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(21)(A)(ii)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(22)(A)(ii)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(22)(B)(ii)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(22)(F)(iii)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(23)(D)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(23)(E)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(23)(F)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(23)(G)(ii)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(24)	Board	Corrected “18th” to “18th or 19th”
611.611(a)(25)(B)	Board	Corrected “18th” to “18th or 19th”
611.611(b)	Board	Added the previously omitted federal footnote text as a Board note
611.611(c)	Board	Changed “shall” to “must”
611.611 Board note	Board	Added a citation to the <i>Code of Federal Regulation</i> source of this provision, including the citation of later <i>Federal Register</i> amendments
611.646(c)(1)	Board	Changed “a SEP” to “an SEP”
611.646(c)(2)	Board	Changed “SWSs and mixed systems” to singular “an SWS or mixed system supplier”; changed “a SEP” to “an SEP”; changed “a SWS” to “an SWS”
611.646(c)(3)	Board	Changed “a SEP” to “an SEP”
611.646(g)	Board	Changed “a SEP” to “an SEP” (twice)

611.646(g) Board note	Board	Updated the <i>Code of Federal Regulation</i> citation to the latest edition available
611.646(h)	Board	Changed “a SEP” to “an SEP”
611.646(i)	Board	Changed “a SEP” to “an SEP” (five times)
611.646(i)(1)	Board	Changed “a SEP” to “an SEP”
611.646(i) Board note	Board	Changed “SWSs and mixed systems” to singular “an SWS or mixed system supplier”
611.646(j)	Board	Changed “SEPs” to singular “an SEP”; changed “SWSs and mixed systems” to singular “an SWS or mixed system supplier”
611.646(j)(1)	Board	Corrected “a SWS” to “an SWS” (three times); changed “a SEP” to “an SEP” (twice)
611.646(j)(2)	Board	Changed “a SEP” to “an SEP”; corrected “a SWS” to “an SWS”
611.646(j) Board note	Board	Updated the <i>Code of Federal Regulation</i> citation to the latest edition available (twice); changed “SWSs and mixed systems” to singular “an SWS or mixed system supplier”; changed “GWSs” to singular “a GWS supplier”; changed “mixed systems” to singular “a mixed system supplier” (twice); changed “SWSs” to singular “an SWS supplier”
611.646(k)(2)(A)	Board	Changed “a SEP” to “an SEP”
611.646(k)(2)(B)	Board	Changed “a SEP” to “an SEP”
611.646(k)(2)(B)(ii)	Board	Corrected “a SWS or mixed system” to “an SWS or mixed system supplier”
611.646(k)(2)(C)	Board	Changed “a SEP” to “an SEP”; changed “all SEPs that allow” to singular “any SEP that allows”
611.646(k)(4)	Board	Changed “a SEP” to “an SEP”
611.646(k)(5)(C)	Board	Changed “a SEP” to “an SEP”
611.646(l)(2)(A)	Board	Changed “a SEP” to “an SEP”
611.646(l)(2)(B)	Board	Changed “a SEP” to “an SEP”
611.646(l)(2)(C)	Board	Changed “a SEP” to “an SEP”; changed “all SEPs that allow” to singular “any SEP that allows”
611.646(l)(2)(D)	Board	Changed “quarter(s)” to “quarters”
611.646(m)	Board	Changed “a SEP” to “an SEP”
611.646(o)(6)	Board	Renumbered and retained the pre-existing subsection (o)(1); added the federal sunset date “until January 22, 2004”; changed “systems that conduct” to singular “a supplier that conducts”
611.646(o)(7)	Board	Renumbered and retained the pre-existing subsection (o)(2); added the federal sunset date “until January 22, 2004” (twice)
611.646(p)	Board	Removed the unnecessary date from the citation to the parallel <i>Code Federal Regulations</i> provision

611.646(r)(2)	Board	Changed “a SEP” to “an SEP”
611.646(s)	Board	Changed “a SEP” to “an SEP”
611.646 Board note	Board	Updated the <i>Code of Federal Regulation</i> citation to the latest edition available, including the citation of later <i>Federal Register</i> amendments
611.648(a) “detect”	Board	Corrected the placement of quotation marks on the defined terms “detect” and “detection”; placed the period inside the closing quotation mark.
611.648(a) Board note	Board	Placed the period inside the closing quotation mark.
611.648(c)(2)	Board	Changed “SWSs and mixed systems” to singular “an SWS or mixed system supplier”; changed “a SWS” to “an SWS”
611.648(c)(3)	Board	Changed “a SEP” to “an SEP”
611.648(c) Board note	Board	Updated the <i>Code of Federal Regulation</i> citation to the latest edition available
611.648(e)	Board	Changed “a SEP” to “an SEP” (twice)
611.648(f)	Board	Changed “a SEP” to “an SEP”
611.648(g)(2)(A)	Board	Changed “a SEP” to “an SEP”
611.648(g)(2)(B)	Board	Changed “a SEP” to “an SEP”
611.648(g)(2)(B)(ii)	Board	Changed “a SWS or mixed system” to “an SWS or mixed system supplier”
611.648(g)(2)(C)	Board	Corrected “a SEP” to “an SEP”
611.648(g)(2)(D)	Board	Changed “all SEPs that allow” to singular “any SEP that allows”
611.648(g)(4)	Board	Changed “a SEP” to “an SEP”
611.648(h)(2)(A)	Board	Changed “a SEP” to “an SEP”
611.648(h)(2)(B)	Board	Changed “a SEP” to “an SEP”
611.648(h)(2)(C)	Board	Changed “a SEP” to “an SEP”
611.648(h)(2)(D)	Board	Changed “all SEPs that allow” to singular “any SEP that allows”
611.648(k)	Board	Restored federal text previously deleted in error
611.648(k)(6)	Board	Renumbered and retained the pre-existing subsection (k)(1); added the federal sunset date “until January 22, 2004”; changed “systems conducting” to singular “a supplier that conducts”
611.648(k)(7)	Board	Renumbered and retained the pre-existing subsection (k)(2); added the federal sunset date “until January 22, 2004” (twice); changed “if monitoring is conducted” to singular “if the supplier conducts monitoring”
611.648(l)	Board	Removed the unnecessary date from the citation to the parallel <i>Code Federal Regulations</i> provision
611.648(n)(2)	Board	Changed “a SEP” to “an SEP”
611.648(o)	Board	Changed “a SEP” to “an SEP”

611.648 Board note	Board	Updated the <i>Code of Federal Regulation</i> citation to the latest edition available, including the citation of later <i>Federal Register</i> amendments
611.680(a)(1)	Board	Changed “shall” to “must”
611.680(a)(2)	Board	Changed “system” to “supplier” (twice)
611.680(b)(1)	Board	Changed “system” to “supplier”
611.680(b)(3)	Board	Changed “shall” to “must”
611.680(b) Board note	Board	Updated the <i>Code of Federal Regulation</i> citation to the latest edition available
611.680(c)	Board	Changed “shall” to “must” (three times)
611.685 preamble	Board	Added semicolons to separate elements of a series; deleted an unnecessary conjunction “and”
611.685 Board note	Board	Updated the <i>Code of Federal Regulation</i> citation to the latest edition available, including the citation of later <i>Federal Register</i> amendments
611.740(a)	Board	Changed “Subpart B system” to “Subpart B system supplier” (twice); changed “shall” to “must”
611.740(b)	Board	Changed “public water system” to “PWS supplier”
611.740(c)	Board	Changed “systems” to singular “a supplier”; changed “shall” to “must”
611.740 Board note	Board	Added a <i>Code of Federal Regulations</i> reference for the source of this provision, including a <i>Federal Register</i> citation to later amendments
611.741 preamble	Board	Changed “public water supply” to “PWS supplier”; changed “shall” to “must”
611.741(a)	Board	Changed “systems” to singular “a supplier”; changed “shall” to “must”
611.741(b)	Board	Changed “shall” to “must”; changed “system’s” to “supplier’s”; changed “system” to “supplier”
611.741 Board note	Board	Added a <i>Code of Federal Regulations</i> reference for the source of this provision
611.742(a)	Board	Changed “systems” to singular “a supplier”; changed “public water system” to “a PWS supplier”; changed “shall” to “must”
611.742(a)(1)(A)	Board	Changed “those systems” to singular “a supplier”; changed “shall” to “must”
611.742(a)(1)(B)	Board	Changed “those systems that use” to singular “a supplier that uses”; changed “shall” to “must”
611.742(a)(1)(C)	Board	Changed “those systems that use” to singular “a supplier that uses”; changed “shall” to “must”
611.742(a)(2)(A)	Board	Changed “those systems” to singular “a supplier”; changed “shall” to “must”
611.742(a)(2)(B)	Board	Changed “those systems” to singular “a supplier”

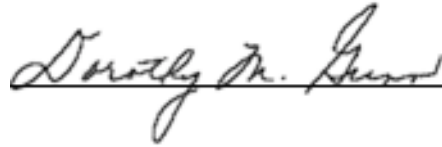
611.742(a)(2)(C)	Board	Changed “those systems” to singular “a supplier”; changed “shall” to “must”
611.742(a)(3)	Board	Changed “system” to “supplier”
611.742(a)(4)	Board	Changed “system” to “supplier”
611.742(a)(5)	Board	Changed “system” to “supplier”; changed “shall” to “must”; corrected the cross-reference to “subsections (a)(5)(A) through (a)(5)(D) of this Section”
611.742(a)(5)(A)	Board	Changed “those systems” to singular “a supplier”; changed “shall” to “must”
611.742(a)(5)(B)	Board	Changed “those systems that have” to singular “a supplier that has”; changed “shall” to “must” (twice); changed “system” to “supplier”
611.742(a)(5)(C)	Board	Changed “those systems that conduct” to singular “a supplier that conducts”; changed “shall” to “must”
611.742(a)(5)(D)	Board	Changed “those systems that elect” to singular “a supplier that elects”; changed “shall” to “must”
611.742(a)(5)(E)	Board	Changed “system” to “supplier” (twice); changed “shall” to “must”
611.742(a)(6)	Board	Changed “system” to “supplier”; changed “shall” to “must”
611.742(b)(1)	Board	Changed “system” to “supplier”; changed “shall” to “must” (twice)
611.742(b)(2)	Board	Changed “system” to “supplier” (five times); changed “shall” to “must” (five times)
611.742(b)(2)(B)	Board	Changed “system” to “supplier”
611.742(b)(2)(C)	Board	Changed “time(s)” to “times”
611.742(b)(2)(D)	Board	Changed “concentration(s)” to “concentrations”
611.742(b)(3)	Board	Changed “system” to “supplier” (twice)
611.742(b)(3)(A)	Board	Changed “PWS” to “PWS supplier”; corrected “April 1, 2000” to “March 31, 2000”; changed “shall” to “must” (twice)
611.742(b)(3)(B)	Board	Changed “PWS” to “PWS supplier”; changed “shall” to “must” (twice)
611.742(b)(4)	Board	Changed “system” to “supplier”; changed “shall” to “must”
611.742(b)(4)(A)	Board	Changed “system” to “supplier”
611.742(b)(4)(A)(ii)	Board	Changed “system” to “supplier”; changed “shall” to “must”
611.742(b)(4)(B)	Board	Changed “system” to “supplier”; changed “shall” to “must”
611.742(b)(4)(C)	Board	Changed “system” to “supplier”; changed “shall” to “must”; corrected the cross-reference to “subsection (b)(4)(A) or (b)(4)(B) of this Section”

611.742(b)(5)	Board	Changed “system” to “supplier”; changed “shall” to “must”
611.742(b)(6)	Board	Changed “system” to “supplier”; changed “shall” to “must”
611.742(c)(1)	Board	Changed “system” to “supplier”; changed “shall” to “must”
611.742(c)(1)(B)	Board	Changed “disinfectant(s)” to “disinfectants”
611.742(c)(2)	Board	Changed “system” to “supplier”; changed “shall” to “must”; corrected the cross-reference to “subsection (c)(2)(A) or (c)(2)(B) of this Section”
611.742(c)(2)(A)	Board	Changed “system” to “supplier” (twice); changed “shall” to “must” (twice)
611.742(c)(3)	Board	Changed “system” to “supplier” (twice); changed “shall” to “must” (twice)
611.742(c)(4)	Board	Changed “system” to “supplier”; changed “shall” to “must”; corrected the cross-reference to “subsections (c)(4)(A) through (c)(4)(C) of this Section”
611.742 Board note	Board	Added a <i>Code of Federal Regulations</i> reference for the source of this provision
611.743 preamble	Board	Changed “PWS” to “PWS supplier”; changed “shall” to “must”; changed “which” to “that”
611.743(a)(1)	Board	Changed “systems” to singular “a supplier”
611.743(a)(2)	Board	Changed “system’s” to “supplier’s”
611.743(a)(3)	Board	Changed “system” to “supplier”
611.743(b)	Board	Changed “PWS” to “PWS supplier”; changed “shall” to “must” (three times)
611.743 Board note	Board	Added a <i>Code of Federal Regulations</i> reference for the source of this provision to the latest edition available, including a <i>Federal Register</i> citation to later amendments
611.745 preamble	Board	Changed “PWS” to “PWS supplier” (twice)
611.745(a)(3)	Board	Changed “systems” to singular “a supplier”
611.745(b)	Board	Changed “systems” to singular “a supplier” (three times); changed “system” to “supplier”; changed “systems that use” to singular “a supplier that uses”
611.745(b)(1)	Board	Changed “system” to “supplier” (three times)
611.745(b)(2)	Board	Changed “system” to “supplier” (three times)
611.745(b)(3)	Board	Changed “system” to “supplier” (twice)
611.745(b)(4)	Board	Changed “system” to “supplier” (twice)
611.745 Board note	Board	Updated the <i>Code of Federal Regulations</i> reference for the source of this provision by including a <i>Federal Register</i> citation to later amendments
611.884(a)	Board	Put quotation marks on the required language
611.884(b)(2)	Board	Changed “system” to “supplier”

611.884(c)	Board	Changed “system” to “supplier”
611.884(c)(1)	Board	Changed “system” to “supplier”; put quotation marks on the required language
611.884(c)(2)	Board	Changed “system” to “supplier”
611.884(d)	Board	Changed “system” to “supplier”
611.884(d)(1)	Board	Changed “system” to “supplier”; put quotation marks on the required language
611.884(d)(2)	Board	Changed “system” to “supplier”
611.884(e)	Board	Changed “system” to “supplier”
611.884 Board note	Board	Updated the <i>Code of Federal Regulations</i> reference for the source of this provision to the latest edition available, including a <i>Federal Register</i> citation to later amendments
611.Appendix A “total coliform bacteria”	Board	Changed “systems that collect” to singular “a supplier that collects” (three times)
611.Appendix A Board note	Board	Updated the <i>Code of Federal Regulations</i> reference for the source of this provision to the latest edition available, including a <i>Federal Register</i> citation to later amendments
611.Appendix G ¶ I.G.8.	Board	Changed “sample(s)” to “samples”
611.Appendix G ¶ IV.B.	Board	Changed “non-community systems” to the singular standardized abbreviation “a non-CWS supplier”
611.Appendix G ¶ IV.F.	Board	Corrected “a SEP” to “an SEP”
611.Appendix G note 1	Board	Corrected “a SEP” to “an SEP” (twice)
611.Appendix G note 5	Board	Corrected “a SEP” to “an SEP”; changed “system” to “supplier”
611.Appendix G note 6	Board	Corrected “a SEP” to “an SEP”; changed “system” to “supplier”
611.Appendix G note 7	Board	Changed “systems” to singular “a supplier”
611.Appendix G note 11	Board	Changed “all community water systems” to singular “a CWS supplier”
611.Appendix G note 12	Board	Changed “all community water systems” to singular “a CWS supplier”
611.Appendix G Board note	Board	Updated the <i>Code of Federal Regulations</i> reference for the source of this provision by including a <i>Federal Register</i> citation to later amendments
611.Appendix H Board note	Board	Updated the <i>Code of Federal Regulations</i> reference for the source of this provision by including a <i>Federal Register</i> citation to later amendments
611.Table Z “Phase IIB SOCs”	Board	Changed “U.S. EPA” to “USEPA”

611.Table Z “disinfection/disinfect- ant byproducts”	Board	Added a listing for amendments adopted July 22, 1999 in docket R99-12
611.Table Z “radionuclides”	Board	Added a listing for amendments adopted October 4, 2001 in docket R01-20
611.Table Z “arsenic”	Board	Added a listing for the present amendments

I, Dorothy M. Gunn, Clerk of the Illinois Pollution Control Board, certify that the Board adopted the above opinion on October 4, 2001, by a vote of 7-0.



Dorothy M. Gunn, Clerk  
Illinois Pollution Control Board