2015

ILLINOIS REGISTER

Rules of
Governmental Agencies

Volume 39, Issue 11

March 13, 2015

Pages 3,450 - 4,037

Index Department
Administrative Code Division
111 E. Monroe St.
Springfield, IL 62756
217-782-7017

Printed by authority of the State of Illinois. March — 90

PUBLISHED BY JESSE WHITE • SECRETARY OF STATE

TABLE OF CONTENTS

March 13, 2015 Volume 39, Issue 11

PROPOSED RULES

ILLINOIS EMERGENCY MANAGEMENT AGENCY

Training and Education Program (Repealer)

29 Ill. Adm. Code 110.....3450

SECRETARY OF STATE

Cancellation, Revocation or Suspension of Licenses or Permits

92 Ill. Adm. Code 1040.....3457

ADOPTED RULES

AUDITOR GENERAL

Purchases and Contracts

44 Ill. Adm. Code 500.....3561

COMMERCE COMMISSION, ILLINOIS

Administration of Funds Created by the Wireless Emergency Telephone Safety Act

83 Ill. Adm. Code 729.....3640

FINANCIAL AND PROFESSIONAL REGULATION, DEPARTMENT OF

Illinois Controlled Substances Act

77 Ill. Adm. Code 3100.....3656

HIGHER EDUCATION TRAVEL CONTROL BOARD

Higher Education Travel

80 Ill. Adm. Code 2900.....3705

POLLUTION CONTROL BOARD

Primary Drinking Water Standards

35 Ill. Adm. Code 611.....3713

Standards and Requirements for Potable Water Supply Well Surveys and for Community Relations Activities Performed in Conjunction with Agency Notices of Threats from Contamination

35 Ill. Adm. Code 1600.....3968

PUBLIC HEALTH, DEPARTMENT OF

Water Well Construction Code

77 Ill. Adm. Code 920.....3992

STATE BOARD OF EDUCATION

Programs for the Preparation of Principals in Illinois

23 Ill. Adm. Code 30.....4009

STATE BOARD OF ELECTIONS

Procedures for Implementing the Electronic Canvass

26 Ill. Adm. Code 219.....4020

SECOND NOTICES RECEIVED

JOINT COMMITTEE ON ADMINISTRATIVE RULES

Second Notices Received…….....4035

JCAR REVIEW OF EXISTING RULES

STATEMENT OF RECOMMENDATIONS
STATE BOARD OF ELECTIONS
Procedures for Implementing the Electronic Canvass
26 Ill. Adm. Code 219.....4037

INTRODUCTION

The Illinois Register is the official state document for publishing public notice of rulemaking activity initiated by State governmental agencies. The table of contents is arranged categorically by rulemaking activity and alphabetically by agency within each category.

Rulemaking activity consists of proposed or adopted new rules; amendments to or repealers of existing rules; and rules promulgated by emergency or peremptory action. Executive Orders and Proclamations issued by the Governor; notices of public information required by State Statute; and activities (meeting agendas; Statements of Objection or Recommendation, etc.) of the Joint Committee on Administrative Rules (JCAR), a legislative oversight committee which monitors the rulemaking activities of State Agencies; is also published in the Register.

The Register is a weekly update of the Illinois Administrative Code (a compilation of the rules adopted by State agencies). The most recent edition of the Code, along with the Register, comprise the most current accounting of State agencies' rulemakings.

The Illinois Register is the property of the State of Illinois, granted by the authority of the Illinois Administrative Procedure Act [5 ILCS 100/1-1, et seq.].

ILLINOIS REGISTER PUBLICATION SCHEDULE FOR 2015

Issue#	Rules Due Date	Date of Issue
1	December 22, 2014	January 2, 2015
2	December 29, 2014	January 9, 2015
3	January 5, 2015	January 16, 2015
4	January 12, 2015	January 23, 2015
5	January 20, 2015	January 30, 2015
6	January 26, 2015	February 6, 2015
7	February 2, 2015	February 13, 2015
8	February 9, 2015	February 20, 2015
9	February 17, 2015	February 27, 2015
10	February 23, 2015	March 6, 2015
11	March 2, 2015	March 13, 2015
12	March 9, 2015	March 20, 2015
13	March 16, 2015	March 27, 2015
14	March 23, 2015	April 3, 2015
15	March 30, 2015	April 10, 2015
16	April 6, 2015	April 17, 2015
17	April 13, 2015	April 24, 2015
18	April 20, 2015	May 1, 2015
19	April 27, 2015	May 8, 2015
20	May 4, 2015	May 15, 2015
21	May 11, 2015	May 22, 2015

22	May 18, 2015	May 29, 2015
23	May 26, 2015	June 5, 2015
24	June 1, 2015	June 12, 2015
25	June 8, 2015	June 19, 2015
26	June 15, 2015	June 26, 2015
27	June 22, 2015	July 6, 2015
28	June 29, 2015	July 10, 2015
29	July 6, 2015	July 17, 2015
30	July 13, 2015	July 24, 2015
31	July 20, 2015	July 31, 2015
32	July 27, 2015	August 7, 2015
33	August 3, 2015	August 14, 2015
34	August 10, 2015	August 21, 2015
35	August 17, 2015	August 28, 2015
36	August 24, 2015	September 4, 2015
37	August 31, 2015	September 11, 2015
38	September 8, 2015	September 18, 2015
39	September 14, 2015	September 25, 2015
40	September 21, 2015	October 2, 2015
41	September 28, 2015	October 9, 2015
42	October 5, 2015	October 16, 2015
43	October 13, 2015	October 23, 2015
44	October 19, 2015	October 30, 2015
45	October 26, 2015	November 6, 2015
46	November 2, 2015	November 13, 2015
47	November 9, 2015	November 20, 2015
48	November 16, 2015	November 30, 2015
49	November 23, 2015	December 4, 2015
50	November 30, 2015	December 11, 2015
51	December 7, 2015	December 18, 2015
52	December 14, 2015	December 28, 2015

ILLINOIS EMERGENCY MANAGEMENT AGENCY

NOTICE OF PROPOSED REPEALER

1) Heading of the Part: Training and Education Program

2) Code Citation: 29 Ill. Adm. Code 110

3)

Section Numbers:	Proposed Action:
110.10	Repealed
110.20	Repealed
110.30	Repealed
110.40	Repealed
110.50	Repealed
110.60	Repealed

4) Statutory Authority: Implementing Section 7(c)(3) and authorized by Section 7(c)(1) of the Illinois Emergency Services and Disaster Agency Act of 1975 (Ill. Rev. Stat. 1983, ch. 127, pars. 1107 (c)(3) and 1107(c)(1))

5) A Complete Description of the Subjects and Issues Involved: The Agency is proposing the repeal of this Part as it is obsolete and out-of-date and is no longer needed. All of the training courses have been revised. The registration process and completion certificates are available online for those individuals who voluntarily choose to take the courses. Requirements for ESDA/EMA coordinators are found in other Agency rules. In addition, the Agency no longer provides the applications for EMI courses as they are also available online.

6) Any published studies or reports, along with the sources of underlying data, that were used when composing this rulemaking, in accordance with 1 Ill. Adm. Code 100.335: No

7) Will this rulemaking replace an emergency rule currently in effect? No

8) Does this rulemaking contain an automatic repeal date? No

9) Does this rulemaking contain incorporations by reference? No

10) Are there any other rulemakings pending on this Part? No

11) Statement of Statewide Policy Objectives: The rulemaking is not expected to require local governments to establish, expand, or modify their activities in such a way as to necessitate additional expenditures from local revenues.

ILLINOIS EMERGENCY MANAGEMENT AGENCY

NOTICE OF PROPOSED REPEALER

12) Time, Place and Manner in which interested persons may comment on this proposed rulemaking: Comments on this proposed rulemaking may be submitted in writing for a period of 45 days following publication of this Notice. The Agency will consider fully all written comments on this proposed rulemaking submitted during the 45 day comment period. Comments should be submitted to:

Traci Burton
Paralegal Assistant
Illinois Emergency Management Agency
1035 Outer Park Drive
Springfield IL 62704

217/785-9860
fax: 217/524-3698

13) Initial Regulatory Flexibility Analysis:

A) Types of small businesses, small municipalities or not-for-profit corporations affected: None

B) Reporting, bookkeeping or other procedures required for compliance: None

C) Types of professional skills necessary for compliance: None

14) Regulatory Agenda on which this rulemaking was summarized: January 2015

The full text of the Proposed Repealer begins on the next page:

ILLINOIS EMERGENCY MANAGEMENT AGENCY

NOTICE OF PROPOSED REPEALER

TITLE 29: EMERGENCY SERVICES, DISASTERS, AND CIVIL DEFENSE
CHAPTER I: EMERGENCY MANAGEMENT AGENCY
SUBCHAPTER a: GENERAL ADMINISTRATION

PART 110
TRAINING AND EDUCATION PROGRAM (REPEALED)

Section
110.10 Purpose
110.20 Definitions
110.30 General Provisions
110.40 Enrollment Procedures for Training Courses
110.50 Training Materials and Equipment
110.60 Continuing Education for Emergency Services and Disaster Agency Coordinators

AUTHORITY: Implementing Section 7(c)(3) and authorized by Section 7(c)(1) of the Illinois Emergency Services and Disaster Agency Act of 1975 (Ill. Rev. Stat. 1983, ch. 127, pars. 1107 (c)(3) and 1107(c)(1)).

SOURCE: "Emergency Services and Disaster Agency Films"; Administrative Letter No. 10 dated September 16, 1975; Rule repealed at 7 Ill. Reg. 2149, effective February 3, 1983; new Part adopted and codified at 8 Ill. Reg. 12891, effective July 11, 1984; repealed at 39 Ill. Reg. _____, effective _____.

Section 110.10 Purpose

The purpose of this Part is to establish policy by which an Emergency Services and Disaster Agency training and education program may be implemented.

Section 110.20 Definitions

"Accredited Emergency Services and Disaster Agency" means the Emergency Services and Disaster Agency of a political subdivision which has been certified by the Illinois Emergency Services and Disaster Agency as having met the requirements to be recognized as an established Emergency Services and Disaster Agency in the State of Illinois as provided at 29 Ill. Adm. Code 300.

"Coordinator" means the staff assistant to the principal executive officer of the political subdivision who has responsibility for the organization, administration,

training, and operation of the Emergency Services and Disaster Agency.

"Emergency Management Institute (EMI)" means a division of the National Emergency Training Center operated by the Federal Emergency Management Agency which offers advanced courses and seminars in comprehensive emergency management.

"ESDA" means the Emergency Services and Disaster Agency of a political subdivision, or an interjurisdictional Emergency Services and Disaster Agency.

"FEMA" means the Federal Emergency Management Agency.

"IESDA" means the Illinois Emergency Services and Disaster Agency.

"IESDA Regional Coordinator (RC)" means the employee of IESDA with the responsibility for coordinating emergency services and disaster activities in a specific substate region.

"Interjurisdictional ESDA" means the Emergency Services and Disaster Agency of two or more adjoining counties delineated by executive order or regulation of the Governor as provided at Ill. Rev. Stat. 1981, ch. 127, par. 1112 (a).

"*Political Subdivision" means any county, city, village, or incorporated town*. (Ill. Rev. Stat. 1981, ch. 127, par. 1104 (f))

Section 110.30 General Provisions

a) IESDA offers a training program which is available to ESDA personnel and other individuals involved in emergency management. The training program includes the following course classifications:

1) Self-directed home study courses provide emergency management background information.

2) Instructed classroom courses consist of the following:

A) Emergency Management Series;

B) Emergency Planning Series;

C) Radiological Defense Series;

D) Transportation Emergency Series;

E) Instructor Training Series.

3) EMI offers advanced courses and seminars in emergency management.

b) Schedules for instructed classroom courses and EMI courses may be obtained from the RC.

c) IESDA reserves the right to reschedule or cancel any scheduled course offered by IESDA. In making the determination to reschedule or cancel a course, the Agency shall consider, but is not limited to, availability of funds, instructors or students.

d) A training record form will be completed by each person successfully completing any classroom course listed in the current training and education catalog. The form will be completed and returned to the instructor at the conclusion of the course, to be filed in the central office register pursuant to the requirement of Ill. Rev. Stat. 1983, ch. 127, par. 1107 (f)(4).

e) A certificate of completion will be issued to those successfully completing courses offered by IESDA.

f) Instructors for courses offered by IESDA will be selected by IESDA.

g) A training and education catalog may be obtained from the RC.

Section 110.40 Enrollment Procedures for Training Courses

a) For enrollment in the self-directed home study courses, contact the ESDA coordinator or the RC.

b) An application for enrollment in instructed classroom courses may be obtained from the ESDA coordinator or the RC. The completed application and a letter of recommendation must be signed by the applicant's ESDA coordinator and forwarded to the RC. A copy of the application will be returned to the applicant.

c) An application for enrollment in EMI courses may be obtained from the ESDA coordinator or the RC. The completed application must be submitted to the RC at least 90 days prior to the date of the course. A letter of recommendation from the applicant's ESDA coordinator must accompany the application. IESDA will approve and forward to FEMA or disapprove the application within 30 days of receipt. In determining whether to approve the application, the Agency shall consider but is not limited to the ESDA responsibilities of the applicant, FEMA prerequisites, and application deadlines.

d) Persons taking certain advanced courses, or persons wishing to instruct a course must, respectively, take one or more of the earlier courses in the sequence or have taken the course they will be instructing.

Section 110.50 Training Materials and Equipment

a) IESDA provides an audio-visual library containing films, video tapes, and slide-tape presentations which are available to groups requesting materials. Groups may obtain audio-visual materials through an accredited ESDA who will request the materials from the RC. These materials may be used independently in meetings or in conjunction with the curriculum in classroom courses.

1) No fees may be charged for viewing the audio-visual materials.

2) No portion of the audio-visual materials may be reproduced, edited, or altered in any manner without permission from IESDA.

3) All motion pictures, unless specifically indicated to the contrary, are sound films and must be projected on sound equipment.

b) IESDA provides Cobalt 60 source sets for use in radiological defense training courses. Eligibility for and use of radiological defense training equipment is provided at 29 Ill. Adm. Code 320.

Section 110.60 Continuing Education for Emergency Services and Disaster Agency Coordinators

a) Continuing education is required only when accreditation is sought under 29 Ill. Adm. Code 300.

ILLINOIS EMERGENCY MANAGEMENT AGENCY

NOTICE OF PROPOSED REPEALER

b) Within six months of appointment, complete the Emergency Program Manager home study course.

c) Within one year of appointment, complete the Emergency Management U.S.A. home study course.

d) Within 12 months of appointment, attend the Initial Emergency Management Seminar, provided the Initial Emergency Management Seminar is offered at least two times during that 12-month period.

e) Within two years of appointment, attend the Advanced Emergency Management Seminar.

SECRETARY OF STATE

NOTICE OF PROPOSED AMENDMENT

1) Heading of the Part: Cancellation, Revocation or Suspension of Licenses or Permits

2) Code Citation: 92 Ill. Adm. Code 1040

3) Section Number: 1040.20 Proposed Action: Amendment

4) Statutory Authority: 625 ILCS 5/6-206(a)(24) & (47), 625 ILCS 5/6-303(a-3)

5) A Complete Description of the Subjects and Issues Involved: PA 98-285 added a new paragraph to 625 ILCS 5/6-303 to increase the penalty to a class 4 felony for a second violation of driving with a suspended or revoked license if the violation results in an accident that causes bodily injury.

PA 98-726 allows the Secretary of State to suspend or revoke the driving privileges of a person who has been convicted by a court-martial or punished by non-judicial punishment by military authorities of the United States in another state for a traffic related offense that would result in a suspension or revocation of driving privileges if the offense had occurred in Illinois.

PA 98-122 created the Compassionate Use of Medical Cannabis Pilot Program Act. The program allows a person has been diagnosed by a physician as having a debilitating medical condition, the person and the person's primary caregiver may be issued a registry identification card by the Department of Public Health that permits the person or the person's primary caregiver to legally possess no more 2.5 ounces of usable cannabis during a 14-day period. A person who unlawfully transports medical cannabis is subject to a driver's license suspension.

The Secretary of State uses the American Association of Motor Vehicles Administrator's (AAMVA) Data Dictionary to report traffic offenses and sanctions to other state's motor vehicle departments using uniform codes. AAMVA recently released version 5.1.0, which amended several offenses and codes currently in the data dictionary. This rulemaking incorporates those AAMVA changes.

6) Published studies or reports, and sources of underlying data, used to compose this rulemaking: None

7) Will this rulemaking replace an emergency rule currently in effect? No

SECRETARY OF STATE

NOTICE OF PROPOSED AMENDMENT

8) Does this rulemaking contain an automatic repeal date? No

9) Does this rulemaking contain incorporations by reference? No

10) Are there any other rulemakings pending on this Part? No

11) Statement of Statewide Policy Objectives: The rulemaking will not create or enlarge a State mandate.

12) Time, Place and Manner in which interested persons may comment on this proposed rulemaking: Text of the prepared amendments is posted on the Secretary of State's website, www.sos.il.us/departments/index/home as part of the Illinois Register. Interested persons may present their comments concerning this proposed rulemaking in writing within 45 days after publication of this Notice to:

Jennifer Egizii
Office of the Secretary of State
Driver Services Department
2701 South Dirksen Parkway
Springfield IL 62723

13) Initial Regulatory Flexibility Analysis:

A) Types of small businesses, small municipalities and not-for-profit corporations affected: None

B) Reporting, bookkeeping or other procedures required for compliance: None

C) Types of Professional skills necessary for compliance: None

14) Regulatory Agenda on which this rulemaking was summarized: July 2014

The full text of the Proposed Amendment begins on the next page:

SECRETARY OF STATE

NOTICE OF PROPOSED AMENDMENT

TITLE 92: TRANSPORTATION
CHAPTER II: SECRETARY OF STATE

PART 1040
CANCELLATION, REVOCATION OR SUSPENSION
OF LICENSES OR PERMITS

Section
1040.1 Definitions
1040.10 Court to Forward Licenses and Reports of Convictions
1040.20 Illinois Offense Table
1040.25 Suspension or Revocation for Driving Without a Valid Driver's License
1040.28 Suspension or Revocation for Traffic Offense Committed by a Person Under the Age of 21 Years After a Prior Suspension Under Part 1040.29
1040.29 Suspension or Revocation for Two or More Traffic Offenses Committed Within 24 Months by a Person Under the Age of 21
1040.30 Suspension or Revocation for Three or More Traffic Offenses Committed Within 12 Months
1040.31 Operating a Motor Vehicle During a Period of Suspension or Revocation
1040.32 Suspension or Revocation of Driver's Licenses, Permits or Identification Cards Used Fraudulently
1040.33 Suspension or Revocation of Driver's Licenses/Permits for Fictitious or Unlawfully Altered Disability License Plate or Parking Decal or Device or Fraudulent Disability License Plate or Parking Decal or Device
1040.34 Suspension or Revocation for Conviction for Possession/Consumption of Alcohol for Persons Under Age 21
1040.35 Administrative Revocation for Commission of an Offense Requiring Mandatory Revocation Upon Conviction, and Suspension or Revocation Based Upon a Local Ordinance Conviction
1040.36 Suspension for Violation of Restrictions on Driver's License
1040.37 Suspension for Violation of Restrictions on Instruction Permit
1040.38 Commission of a Traffic Offense in Another State
1040.40 Suspension or Revocation for Repeated Convictions or Collisions
1040.41 Suspension of Licenses for Curfew or Night Time Driving Restriction Violations
1040.42 Suspension or Revocation for Fleeing and Eluding
1040.43 Suspension or Revocation for Illegal Transportation
1040.46 Suspension or Revocation for Fatal Accident and Personal Injury Suspensions or Revocations
1040.48 Vehicle Emission Suspensions (Repealed)

1040.50	Occupational Driving Permit
1040.52	Driver Remedial Education Course
1040.55	Suspension or Revocation for Driver's License Classification Violations
1040.60	Release of Information Regarding a Disposition of Court Supervision
1040.65	Offenses Occurring on Military Bases
1040.66	Invalidation of a Restricted Driving Permit
1040.70	Problem Driver Pointer System
1040.80	Cancellation of Driver's License Upon Issuance of a Disabled Person Identification Card
1040.100	Rescissions
1040.101	Reinstatement Fees
1040.102	Bankruptcy Rule for Suspensions, Cancellations, Failure to Pay and Returned Checks Actions
1040.105	Suspension for Five or More Tollway Violations and/or Evasions
1040.107	Suspension for Violation of Improperly Approaching a Stationary Emergency Vehicle
1040.108	Suspension for Failure to Make Report of Vehicle Accident Violations
1040.109	Suspension for Two or More Convictions for Railroad Crossing Violations
1040.110	Bribery
1040.111	Suspension for Failure to Yield upon Entering a Construction or Maintenance Zone when Workers Are Present
1040.115	Suspension for Theft of Motor Fuel
1040.116	Discretionary Suspension/Revocation; Committing Perjury; Submitting False/Fraudulent Documents; Notification by Department of Administrative Hearings
1040.117	Suspension for Concealment or Obstruction of Registration to Hinder Law Enforcement

AUTHORITY: Implementing Articles II and VII of the Illinois Vehicle Code [625 ILCS 5/Ch. 6, Arts. II and VII] and authorized by Section 2-104(b) of the Illinois Vehicle Title and Registration Law of the Illinois Vehicle Code [625 ILCS 5/2-104(b)].

SOURCE: Filed September 22, 1972; amended at 3 Ill. Reg. 26, p. 282, effective June 30, 1979; amended at 5 Ill. Reg. 3533, effective April 1, 1981; amended at 6 Ill. Reg. 4239, effective April 2, 1982; codified at 6 Ill. Reg. 12674; amended at 8 Ill. Reg. 2200, effective February 1, 1984; amended at 8 Ill. Reg. 3783, effective March 13, 1984; amended at 8 Ill. Reg. 18925, effective September 25, 1984; amended at 8 Ill. Reg. 23385, effective November 21, 1984; amended at 10 Ill. Reg. 15265, effective September 4, 1986; amended at 11 Ill. Reg. 16977, effective October 1, 1987; amended at 11 Ill. Reg. 20659, effective December 8, 1987; amended at 12 Ill. Reg. 2148,

effective January 11, 1988; amended at 12 Ill. Reg. 14351, effective September 1, 1988; amended at 12 Ill. Reg. 15625, effective September 15, 1988; amended at 12 Ill. Reg. 16153, effective September 15, 1988; amended at 12 Ill. Reg. 16906, effective October 1, 1988; amended at 12 Ill. Reg. 17120, effective October 1, 1988; amended at 13 Ill. Reg. 1593, effective January 23, 1989; amended at 13 Ill. Reg. 5162, effective April 1, 1989; amended at 13 Ill. Reg. 7802, effective May 15, 1989; amended at 13 Ill. Reg. 8659, effective June 2, 1989; amended at 13 Ill. Reg. 17087, effective October 16, 1989; amended at 13 Ill. Reg. 20127, effective December 8, 1989; amended at 14 Ill. Reg. 2944, effective February 7, 1990; amended at 14 Ill. Reg. 3664, effective February 7, 1990; amended at 14 Ill. Reg. 5178, effective April 1, 1990; amended at 14 Ill. Reg. 5560, effective March 22, 1990; amended at 14 Ill. Reg. 14177, effective August 21, 1990; amended at 14 Ill. Reg. 18088, effective October 22, 1990; amended at 15 Ill. Reg. 14258, effective September 24, 1991; amended at 17 Ill. Reg. 8512, effective May 27, 1993; amended at 17 Ill. Reg. 9028, effective June 2, 1993; amended at 17 Ill. Reg. 12782, effective July 21, 1993; amended at 18 Ill. Reg. 7447, effective May 3, 1994; amended at 18 Ill. Reg. 10853, effective June 27, 1994; amended at 18 Ill. Reg. 11644, effective July 7, 1994; amended at 18 Ill. Reg. 16443, effective October 24, 1994; amended at 20 Ill. Reg. 2558, effective January 26, 1996; amended at 21 Ill. Reg. 8398, effective June 30, 1997; amended at 21 Ill. Reg. 10985, effective July 29, 1997; amended at 21 Ill. Reg. 12249, effective August 26, 1997; amended at 21 Ill. Reg. 12609, effective August 29, 1997; amended at 22 Ill. Reg. 1438, effective January 1, 1998; amended at 22 Ill. Reg. 5083, effective February 26, 1998; amended at 22 Ill. Reg. 13834, effective July 10, 1998; amended at 24 Ill. Reg. 1655, effective January 11, 2000; emergency amendment at 24 Ill. Reg. 8398, effective June 2, 2000, for a maximum of 150 days; emergency expired October 29, 2000; emergency amendment at 24 Ill. Reg. 16096, effective October 12, 2000, for a maximum of 150 days; amended at 24 Ill. Reg. 16689, effective October 30, 2000; amended at 25 Ill. Reg. 2723, effective January 31, 2001; amended at 25 Ill. Reg. 6402, effective April 26, 2001; emergency amendment at 26 Ill. Reg. 2044, effective February 1, 2002, for a maximum of 150 days; emergency expired June 30, 2002; emergency amendment at 26 Ill. Reg. 3753, effective February 21, 2002, for a maximum of 150 days; emergency expired July 20, 2002; amended at 26 Ill. Reg. 12373, effective July 25, 2002; amended at 26 Ill. Reg. 13684, effective August 28, 2002; amended at 29 Ill. Reg. 2441, effective January 25, 2005; amended at 29 Ill. Reg. 13892, effective September 1, 2005; amended at 29 Ill. Reg. 15968, effective October 7, 2005; amended at 30 Ill. Reg. 1896, effective January 26, 2006; amended at 30 Ill. Reg. 2557, effective February 10, 2006; amended at 30 Ill. Reg. 11299, effective June 12, 2006; amended at 31 Ill. Reg. 4792, effective March 12, 2007; amended at 31 Ill. Reg. 5647, effective March 20, 2007; amended at 31 Ill. Reg. 7296, effective May 3, 2007; amended at 31 Ill. Reg. 7656, effective May 21, 2007; amended at 31 Ill. Reg. 11356, effective July 19, 2007; amended at 31 Ill. Reg. 14559, effective October 9, 2007; amended at 31 Ill. Reg. 16880, effective January 1, 2008; amended at 33 Ill. Reg. 2603, effective January 22, 2009; amended at 33 Ill. Reg. 9801, effective June 25, 2009; amended at 33 Ill. Reg.

15073, effective October 21, 2009; amended at 34 Ill. Reg. 570, effective December 22, 2009; amended at 35 Ill. Reg. 1667, effective January 13, 2011; amended at 35 Ill. Reg. 8512, effective May 31, 2011; amended at 36 Ill. Reg. 10055, effective June 29, 2012; amended at 36 Ill. Reg. 11211, effective July 5, 2012; amended at 37 Ill. Reg. 1762, effective January 25, 2013; amended at 37 Ill. Reg. 8832, effective June 17, 2013; amended at 38 Ill. Reg. 9591, effective April 15, 2014; amended at 39 Ill. Reg. _____, effective _____.

Section 1040.20 Illinois Offense Table

a) The conviction report furnished to the Driver Services Department by the court where a person was convicted of a traffic violation shall be entered upon the driving record by classification (Type Action) and used as a source of information. In the absence of statutory amendment, this Section shall be followed and the number of points assigned to a person's driving record shall be determined by using the point table set out in subsections (c) and (d).

1) Classification for convictions of traffic offenses:

Type Action 68: Record history item only
Type Action 82: Conviction
Type Action 83: Immediate action (no points assigned)
Type Action 85: Conviction (no points assigned)
Type Action 87: Conviction (points assigned)
Type Action 89: Withdrawal (no points assigned)
Type Action 93: Immediate action bond forfeiture (no points assigned)
Type Action 94: Immediate action conviction (no points assigned)
Type Action 95: Bond forfeiture (no points assigned)
Type Action 96: Conviction (no points assigned)
Type Action 97: Bond forfeiture (points assigned − moving violation)
Type Action 99: Conviction (points assigned − moving violation)

2) Description of Offense: The code used to describe the offense is composed of the IVC Chapter and/or Section number, the Municipal Code of the City of Chicago (Municipal Code of Chicago, Title 9), the Criminal Code of 2012 [720 ILCS 5], the Cannabis Control Act [720 ILCS 550], the Illinois Controlled Substances Act [720 ILCS 570], the Liquor Control Act of 1934 [235 ILCS 5/Art. VI], or the Illinois Identification Card Act [15 ILCS 335]. Preceding the Section number for these codes, with the exception of those listed in subsection (a)(1), will be a single digit code to

identify the specific law that will be as follows:

0 – The Criminal Code of 2012, Cannabis Control Act, Illinois Controlled Substances Act, the Liquor Control Act of 1934, or the Illinois Identification Card Act
1 – Illinois Vehicle Code
2 – Local ordinance (all municipal ordinance convictions), or violations occurring on military installations, to be considered, are to be coded exactly as Illinois Vehicle Code Violations with the exception of the first digit that shall be a "2"
4 – Motor Vehicle Theft Law of the Illinois Vehicle Title and Registration Law of the IVC [625 ILCS 5/Ch. 4, Art. I]
6 – The Illinois Driver Licensing Law
7 – Municipal Code of Chicago
8 – Foreign state and other (all out-of-state convictions to be considered are to be coded exactly as Illinois Vehicle Code violations with the exception of the first digit, which shall be an "8")

NOTE: The position for the single digit codes 1, 2, 6 or 8, will be symbolized by a # throughout the point table set out in this Part.

3) Any one of the last positions of the offense code may be used to indicate the paragraph of the Section violated, or refer to the number of miles per hour (in code form) the driver was operating above the posted speed limit (refer to Electronic Data Processing Machine (EDPM) Offense Codes set out in this Part).

4) The Secretary of State's Traffic Violation Advisory Committee relied upon the following criteria in determining whether specific convictions for traffic violations should be utilized in determining driver license suspension or revocation under the authority of IVC Section 6-206(a)(2), as well as the number of points that should be assigned to those convictions, which in turn determines the length and/or type of such action.

A) A thorough review of literature relating to the general concept of point systems utilized by other states.

B) A specific review of point systems and ranges of point assignments utilized by other states.

C) An exhaustive and detailed review of the current Illinois point system.

D) Based on the above, the relative criticality of the violations was determined and the specific number of points to be assigned was proposed, discussed, and agreed upon by the consensus of the group.

b) Illinois Vehicle Code, the Criminal Code of 2012, the Liquor Control Act of 1934, the Cannabis Control Act, the Illinois Controlled Substances Act and the Illinois Identification Card Act. The following violations of the Illinois Vehicle Code, the Criminal Code of 2012, the Liquor Control Act of 1934, the Cannabis Control Act, the Illinois Controlled Substances Act and the Illinois Identification Card Act will not be assigned points but will be entered on the record as Type Action -93- bond forfeiture immediate action; or Type Action -94- conviction immediate action.

IVC VIOLATION CODE	EDPM OFFENSE CODE	ABSTRACT DESCRIPTION CODE	DESCRIPTION OF OFFENSE
**********	*********	**********	**********
3-413(j)	413010	3 413 J	Violation of modification of rear registration plate
3-707(c-1)	707301	3 707 C1	Convicted of driving without liability insurance
4-102	102000	4 102 00	Motor Vehicle Anti-Theft Law, misdemeanor [625 ILCS 5/4-100]
4-103	103000	4 103 00	Motor Vehicle Anti-Theft Law, felony [625 ILCS 5/Ch. 4, Art. I]

NOTICE OF PROPOSED AMENDMENT

4-103.1	103100	4 103 01	Motor Vehicle Anti-Theft Law, conspiracy [625 ILCS 5/Ch. 4, Art. I]
6-101	101000	# 101 00	Operating a motor vehicle without a valid license or permit (a serious traffic violation if committed in a commercial motor vehicle)
6-104(a)	104001	# 104 01	Violation of license classification for first and second division vehicles (a serious traffic violation if committed in a commercial motor vehicle)
6-104(b)	104002	# 104 02	Violation of classification for transporting persons for hire (a serious traffic violation if committed in a commercial motor vehicle)
6-104(c)	104003	# 104 03	Violation of classification for transporting property for hire (a serious traffic violation if committed in a commercial motor vehicle)
6-104(d)	104004	# 104 04	Violation of school bus driver permits (a serious traffic violation if committed in a commercial motor vehicle)
6-104(e)	104005	# 104 05	Violation of religious bus driver endorsement (a serious traffic violation if committed in a commercial motor vehicle)
6-104(f)	104006	# 104 06	Violation of classification for transportation of the elderly (a serious traffic violation if committed in a commercial motor vehicle)

6-105	105000	6 105 00	Violation of instruction permit (a serious traffic violation if committed in a commercial motor vehicle)
6-107.1(a)	107110	6 107.1A	Violation of instruction permit
6-107.1(b)	107120	6 107.1B	Violation of curfew law (prior to 1-1-08)
6-107.1(b)	107102	6 107.1B	Violation of nighttime driving restrictions – under the age of 18 (effective 1-1-08)
6-110(a)	110000	6 110 00	Violation of curfew law – under age of 17 (Child Curfew Act [720 ILCS 555/1 and 2])
6-110(a-1)	110101	6 110 A-1	Violation of nighttime driving restrictions
6-113(e)	113501	# 113 E1	Violation of driver's license restriction
6-113(e)	113502	# 113 E2	Violation of restriction on special restricted license or permit
6-205(a)3	205103	# 205 A3	Any felony under the laws of any state or federal government in the commission of which a vehicle was used
6-205(a)5	205105	6 205 A5	Conviction of perjury or making of false affidavit or statement under oath to the Secretary of State under the Driver License Act or any other law relating to the ownership or the operation of a motor vehicle

NOTICE OF PROPOSED AMENDMENT

6-205(b)1	205201	6 205 B1	Notice provided for in Section 1-8 of the Juvenile Court Act of 1987 [705 ILCS 405/1-8] that minor has been adjudicated under that Act as having committed an offense relating to motor vehicles described in Section 4-103
6-205(b)2	205202	6 205 B2	When any other law of this State requires either the revocation or suspension of such license or permit
6-206.2(a)	206201	6 206.2 A	Operating a vehicle without interlock device when one is required
6-206.2(a-5)	206215	6 206.2 A-5	Allowing an unauthorized person to blow into an interlock device
6-206.2(c)	206203	# 206 02c	Tamper with or circumvent a BAIID
6-210(1)	210001	# 210 01	Driving during the period of suspension/revocation
6-210(2)	210002	# 210 02	Driving during the period of suspension/revocation
6-301(1)	301001	# 301 01	To display or cause to be displayed or have in his possession any cancelled, revoked, or suspended license or permit
6-301(2)	301002	# 301 02	To lend his license or permit to any other person or knowingly allow the use thereof by another
6-301(3)	301003	# 301 03	To display or represent as his own any license or permit issued to another

6-301(4)	301004	# 301 04	To fail or refuse to surrender to the Secretary of State or his agent or any peace officer, upon his lawful demand, any license or permit that has been suspended, revoked or cancelled
6-301(5)	301005	# 301 05	To allow any unlawful use of a license or permit issued to him
6-301(6)	301006	# 301 06	To submit to an examination or to obtain the services of another person to submit to an examination for the purpose of obtaining a driver's license or permit for some other person
6-301.1(b)1	301121	# 301121	Possess fictitious altered driver's license or permit
6-301.1(b)2	301122	# 301122	Possess/display altered fictitious driver's license or permit
6-301.1(b)3	301123	# 301123	Possess fictitious altered driver's license or permit
6-301.1(b)4	301124	# 301124	Possess fictitious altered driver's license or permit
6-301.1(b)5	301125	# 301125	Possess fictitious altered driver's license or permit
6-301.1(b)6	301126	# 301126	Possess fictitious altered driver's license or permit
6-301.1(b)7	301127	# 301127	Issue fictitious driver's license or permit

6-301.1(b)8	301128	# 301128	Alter/attempt to alter driver's license or permit
6-301.1(b)9	301129	# 301129	Provide ID for obtaining fictitious driver's license or permit
6-301.1(b)10	301120	# 301120	To knowingly use any fictitious or unlawfully altered driver's license or permit to purchase or attempt to purchase any ticket for, or to board or attempt to board any common carrier
6-301.1(b)11	011211	# 3011211	To knowingly possess any fictitious or unlawfully altered driver's license or permit if the person has, at the time, a different driver's license issued by the Illinois Secretary of State or other driver's license agency in another jurisdiction that is suspended or revoked
6-301.2(b)1	301221	# 301221	Possess fraudulent driver's license or permit
6-301.2(b)2	301222	# 301222	Possess/display fraudulent driver's license or permit
6-301.2(b)3	301223	# 301223	Possess fraudulent driver's license or permit
6-301.2(b)4	301224	# 301224	Possess fraudulent driver's license or permit
6-301.2(b)5	301225	# 301225	Possess fraudulent driver's license or permit
6-301.2(b)6	301226	# 301226	Possess fraudulent driver's license or permit

NOTICE OF PROPOSED AMENDMENT

6-301.2(b)7	301227	# 301227	Possess driver's license making implement
6-301.2(b)8	301228	# 301228	Possess stolen driver's license making implement
6-301.2(b)9	301229	# 301229	Duplicate/sell fraudulent driver's license or permit
6-301.2(b)10	301220	# 301220	Advertise or distribute fraudulent driver's license or permit
6-301.2(b)11	012211	# 3012211	To knowingly use a fraudulent driver's license or permit to purchase or attempt to purchase any ticket for a common carrier or to board or attempt to board any common carrier as used in this Section
6-301.2(b)12	012212	# 3012212	To knowingly possess any fraudulent driver's license or permit if the person has, at the time, a different driver's license issued by the Secretary of State or another official driver's license agency in another jurisdiction that is suspended or revoked
6-301.2(b-1)	301201	# 3012b-1	Possess, use, or allow to be used any material to obtain information from the bar code or magnetic strip of an official Illinois Driver's License issued by the Secretary of State
6-302(a)1	302101	# 302101	Present false information in an application. For driver's license/permit

6-302(a)2	302102	# 302102	Accept false information/ID in an application for driver's license/permit
6-302(a)3	302103	# 302103	Make false affidavit swear or affirm falsely
6-303(a)1	303101	# 303 Al	Driving during a suspension or revocation
6-303(a)2	303102	# 303 A2	Driving during a revocation or suspension
6-303(a)3	303103	#303 A3	Second or subsequent conviction of driving during a revocation or suspension involving personal injury or death
6-303(d)	303400	# 303 D0	Second conviction of driving during revocation for a violation of Sections 11-401 and 11-501 and Section 9-3 of the Criminal Code of 2012 or similar provisions of a local ordinance
6-303(d)2	303402	# 303 D2	Third conviction of driving during a revocation or violations of Sections 11-401 and 11-501 and Section 9-3 of the Criminal Code of 2012 or similar provisions of a local ordinance
6-303(d)3	303403	# 303 D3	Fourth or subsequent conviction of driving during revocation for a violation of Sections 11-401 and 11-501 and Section 9-3 of the Criminal Code of 2012 or similar provisions of a local ordinance

6-303(d)4	303404	6-303(D-4)	Tenth through fourteenth conviction of driving during revocation or suspension for a violation of Section 11-401 or 11-501 or Section 9-3 of the Criminal Code of 2012 or similar provisions of a local ordinance
6-303(d)5	303405	6-303(D-5)	Fifteenth or subsequent conviction of driving during revocation or suspension for a violation of Section 11-401 or 11-501 or Section 9-3 of the Criminal Code of 2012 or a similar provision of a local ordinance
6-507(a)2	507102	# 507 A2	Driving a commercial motor vehicle (CMV) without obtaining a commercial driver's license (CDL)
6-507(a)3	507103	# 507 A3	Driving without the proper commercial driver's license classification or endorsements
6-507(b)	507200	6 507 B0	No person may drive a commercial motor vehicle while driving privilege, license or permit is suspended, revoked, cancelled, nor while subject to disqualification or while subject to or in violation of an "out-of-service" order
6-507(b)1	507201	# 507 B1	No person may drive a commercial motor vehicle while driving privileges, license, or permit is suspended, revoked, cancelled or disqualified
6-507(b)2	507202	# 507 B2	No person may drive a commercial motor vehicle while driving

			privileges, license, or permit is subject to or in violation of an out-of-service order
6-507(b)3	507203	# 507 B3	No person may drive commercial motor vehicle while driving privileges, license, or permit is subject to or in violation of an out-of-service order and while transporting passengers or hazardous materials
6-507(b)5	507250	# 507 B5	Driving commercial motor vehicle in violation of out-of-service order
8-101	008000	8000	Failure to show proof of financial responsibility – persons who operate motor vehicles in transportation of passengers for hire
11-204	020400	# 0204 00	Fleeing or attempting to elude a peace officer
11-204.1	020401	# 0204 01	Aggravated fleeing or eluding a peace officer
11-401	040100	# 0401 00	Leaving scene or failure to report an accident involving death or personal injury
11-402(b)	040202	# 0402 02	Leaving the scene of an accident involving damage to a vehicle in excess of $1000
11-406(a)	040610	# 0406 A0	Failure to make report of vehicle accident
11-406(b)	040620	# 0406 B0	Failure to make report of school bus accident

11-501(a)1	050111	# 0501 A1	Driving with a blood alcohol concentration above the legal limit
11-501(a)2	050112	# 0501 A2	Driving while under the influence of alcohol
11-501(a)3	050113	# 0501 A3	Driving while under the influence of any other drug or combination of drugs (prior to 1-1-99)
11-501(a)3	050103	# 0501 A3	Driving while under the influence of any intoxicating compound or combination of intoxicating compounds (effective 1-1-99)
11-501(a)4	050114	# 0501 A4	Driving under the combined influence of alcohol and other drug or drugs (prior to 1-1-99)
11-501(a)4	050104	# 0501 A4	Driving while under the influence of any other drug or combination of drugs (effective 1-1-99)
11-501(a)5	050115	# 0501 A5	Driving while there is any amount of a drug, substance or compound in such person's blood or urine resulting from the unlawful use or consumption of cannabis listed in the Cannabis Control Act, or a controlled substance listed in the Illinois Controlled Substances Act (prior to 1-1-99)
11-501(a)5	050105	# 0501 A5	Driving while under the combined influence of alcohol and other drug or drugs or intoxicating compound or compounds (effective 1-1-99)

11-501(a)6	050106	# 0501 A6	Driving while there is any amount of a drug, substance or compound in the person's breath, blood or urine resulting from the unlawful use or consumption of cannabis, a controlled substance or an intoxicating compound (effective 1-1-99)
11-501(b)	501200	# 11-0501 B	Initial conviction of violating Section 11-501(b)
11-501(b-3)	050123	# 0501 B-3	Second conviction of violating Section 11-501(a) or a similar provision committed within 5 years of a previous violation of Section 11-501(a) or similar provision
11-501(b-4)	050124	# 0501 B-4	Third or subsequent violation committed within 5 years of a previous violation of Section 11-501(a) or a similar provision
11-501(c)	501300	# 11-0501 C	A violation of Section 11-501(c)
11-501(c-1)1	501311	# 0501 C11	Driving under the influence while revoked for driving while under the influence, Section 11-501, leaving the scene, Section 11-401, reckless homicide, Section 9-3 of the Criminal Code of 2012, or suspended for statutory summary suspension under Section 11-501.1
11-501(c-1)2	501312	# 0501 C12	Third violation of driving under the influence while revoked for driving under the influence, Section 11-501, leaving the scene, Section 11-401, reckless homicide, Section 9-3 of the

			Criminal Code of 2012, or suspended for statutory summary suspension under Section 11-501.1
11-501(c-1)3	501313	# 0501 C13	Fourth or subsequent violation of driving under the influence while revoked for driving under the influence, Section 11-501, leaving the scene, Section 11-401, reckless homicide, Section 9-3 of the Criminal Code of 2012, or suspended for statutory summary suspension under Section 11-501.1
11-501(c-4)1	501341	# 0501 C41	Convicted of violating Section 11-501(a) for first time when blood, breath, or urine was .16 or more, or is convicted of violating Section 11-501 while transporting a child under the age of 16
11-501(c-4)2	501342	# 0501 C42	Second conviction within 10 years for violating Section 11-501(a) when blood, breath or urine was .16 or more, or is convicted of violating Section 11-501 while transporting a child under the age of 16
11-501(c-4)3	501343	# 0501 C43	Third conviction within 20 years for violating Section 11-501(a) when blood, breath or urine was .16 or more, or is convicted of violating Section 11-501 while transporting a child under the age of 16. This is considered a Class 4 felony
11-501(c-4)4	501344	# 0501 C44	Fourth or subsequent conviction for violating Section 11-501(a) when blood, breath, or urine was .16 or

			more, or is convicted of violating Section 11-501 while transporting a child under the age of 16. This is considered a Class 2 felony
11-501(c-5)1	501351	# 0501 C5(1)	Violation of Section 11-501(a) while transporting a person under the age of 16
11-501(c-5)2	501352	# 0501 C5(2)	Second violation of Section 11-501(a) and at the time of the violation the person was transporting a person under the age of 16
11-501(c-5)3	501353	# 0501 C5(3)	Second violation of Section 11-501(a) or a similar provision within 10 years and at the time of the violation the person was transporting a person under the age of 16
11-501(c-5)4	501354	# 0501 C5(4)	Second conviction of Section 11-501(a) or a similar provision within 5 years and at the time of the violation the person was transporting a person under the age of 16
11-501(c-5)5	501355	# 0501 C5(5)	Third conviction for violating Section 11-501(a) or a similar provision and at the time of the violation the person was transporting a person under the age of 16 (felony)
11-501(c-5)6	501356	# 0501 C5(6)	Third conviction of Section 11-501(a) or a similar provision within 20 years and at the time the person

			was transporting a person under the age of 16 (felony)
11-501(c-5)7	501357	# 0501 C5(7)	Fourth or subsequent conviction for violating Section 11-501(a) or similar provision and at the time of the fourth or subsequent violation the person was transporting a person under age 16, 3 prior violations of transporting a person under age 16 or while BAC .16 or more (felony)
11-501(c-6)1	501361	# 0501 C6(1)	Conviction of Section 11-501(a) or a similar provision and the alcohol concentration was .16 or more
11-501(c-6)2	501362	# 0501 C6(2)	Second conviction of Section 11-501(a) or a similar provision within 10 years and at the time the BAC was .16 or more
11-501(c-6)3	501363	# 0501 C6(3)	Third conviction of Section 11-501(a) or a similar provision within 20 years and at the time of the violation the person's BAC was .16 or more (felony)
11-501(c-6)4	501364	# 0501 C6(4)	Fourth or subsequent conviction for violating Section 11-501(a) or a similar provision and at the time of the fourth or subsequent violation the person's BAC was .16 or more, three prior convictions of transporting a person under the age of 16 or while BAC was .16 or more (felony)
11-501(d)	501400	# 0501 D	A violation of Section 11-501(d)

11-501(d)1	050141	# 0501 D1	Such person committed a violation of Section 11-501(a) for the third or subsequent time
11-501(d)2	050142	# 0501 D2	Such person committed a violation of Section 11-501(a) while driving a school bus with children on board
11-501(d)3	050143	# 0501 D3	Such person in committing a violation of Section 11-501(a) was involved in a motor vehicle accident that resulted in great bodily harm or permanent disability or disfigurement to another, when such violation was the proximate cause of such injuries
11-501(d)4	050144	# 0501 D4	Committed a violation of Section 11-501(a) for a second time and was previously convicted of violating Section 9-3 of the Criminal Code of 2012 for reckless homicide in which the person was determined to have been under the influence of alcohol or other drug as an element of the offense
11-501(d)1A	501411	# 0501D1A	Convicted of committing a violation of Section 11-501(a) for the third or subsequent time
11-501(d)1B	501412	# 0501D1B	Such person committed a violation of Section 11-501(a) while driving a school bus with children on board
11-501(d)1C	501413	# 0501D1C	Such person, in committing a violation of Section 11-501(a), was involved in a motor vehicle accident that resulted in great bodily harm or

			permanent disability or disfigurement to another when such violation was the proximate cause of such injuries
11-501(d)1D	501414	# 0501D1D	Committed a violation of Section 11-501(a) for a second time and was previously convicted of violating Section 9-3 of the Criminal Code of 2012 for reckless homicide in which the person was determined to have been under the influence of alcohol or other drug as an element of the offense or Section 11-501(d)(1)(C) or (F)
11-501(d)1E	501415	# 0501D1E	Committed a violation of Section 11-501(a) in a school zone when a 20 MPH speed limit was in effect and was involved in an accident that resulted in bodily harm
11-501(d)1F	501416	# 0501D1F	Committed a violation of Section 11-501(a) and was involved in a motor vehicle, snowmobile, all-terrain vehicle or water craft accident that resulted in the death of another person when the violation of Section 11-501(a) was a proximate cause of death
11-501(d)1G	501417	# 0501D1G	Committed a violation of Section 11-501(a) and the driver did not possess a valid driver's license or permit
11-501(d)1H	501418	# 0501D1H	Committed a violation of Section 11-501(a) and the driver knew that the vehicle being driven was not

			covered by a liability insurance policy
11-502.1(a)	050211	#05021A	Illegal possession of medical cannabis within the passenger area of any motor vehicle in this State
11-502.1(b)	050212	#05021B	Illegal possession of medical cannabis by an agent in a non-sealed medical cannabis container
11-502.1(c)	050213	#05021C	Illegal possession of medical cannabis by passenger within passenger area of any motor vehicle in this State
11-503(b)1	503201	# 0503B1	Reckless driving, bodily harm to a child or school crossing guard
11-503(c)	050303	# 050303	Aggravated reckless driving
11-503(d)	050304	# 0503 04	Aggravated reckless driving, great bodily harm to a child or school crossing guard
11-504	050400	# 0504 00	Drag racing
11-506(a)	050601	#050601	Street racing
11-907(c)	090763	# 0907 P3	Failure to yield to a stopped emergency vehicle resulting in property damage
11-907(c)	090773	# 0907 I3	Failure to yield to a stopped emergency vehicle resulting in personal injury
11-907(c)	090783	# 0907 D3	Failure to yield to a stopped emergency vehicle resulting in death

SECRETARY OF STATE

NOTICE OF PROPOSED AMENDMENT

11-908(a)1	090811	1 908 A1	Failure to yield and proceed with due caution upon entering a construction zone when workers are present
11-1301 3a-1	301311	# 13013A1	Unauthorized use of handicap placard or device
11-13-01 3a-2	301312	# 13013A2	Unauthorized use of deceased person's disability placard or device
11-1301.5(b)1	301521	1 13015B1	To knowingly possess any fictitious or unlawfully altered person-with-disabilities license plate or parking decal or device
11-1301.5(b)2	301522	1 13015B2	To knowingly issue or assist in the issuance of, by the Secretary of State or unit of local government, any fictitious person-with-disabilities license plate or parking decal or device
11-1301.5(b)3	301523	1 13015B3	To knowingly alter any person-with-disabilities license plate or parking decal or device
11-1301.5(b)4	301524	1 13015B4	To knowingly manufacture, possess, transfer, or provide any documentation used in the application process, whether real or fictitious, for the purpose of obtaining, a fictitious person-with-disabilities license plate or parking decal or device

11-1301.5(b)5	301525	1 13015B5	To knowingly provide any false information to the Secretary of State or a unit of local government in order to obtain a person-with-disabilities license plate or parking decal or device
11-1301.5(b)6	301526	1 13015B6	To knowingly transfer a person-with-disabilities license plate or parking decal or device for the purpose of exercising the privileges granted to any authorized holder of a person-with-disabilities license plate or parking decal or device under this Code in the absence of the authorized holder
11-1301.5(b)7	301527	1 13015B7	Falsify a certification that a person is disabled
11-1301.6(b)1	301621	1 13016B1	To knowingly possess any fraudulent person-with-disabilities license plate or parking decal or devise
11-1301.6(b)2	301622	1 13016B2	To knowingly possess without authority any implement to duplicate and/or manufacture any person-with-disabilities license plate or parking decal or device
11-1301.6(b)3	301623	1 13016B3	To knowingly duplicate, manufacture, sell, or transfer any fraudulent or stolen person-with-disabilities license plate or parking decal or devise
11-1301.6(b)4	301624	1 13016B4	To knowingly assist in the duplication, manufacturing, selling,

			or transferring of any fraudulent or stolen person-with-disabilities license plate or parking decal or device
11-1301.6(b)5	301625	1 13016B5	To advertise or distribute a fraudulent person-with-disabilities license plate or parking decal or device
11-1414(a)	141401	# 1414 01	Passing school bus receiving or discharging children (7~~1~~-1-13)
11-1425(b)	142520	# 1425b	Failure to have space to drive through railroad crossing
12-215(g)	221507	# 2215 07	Conviction of Section 12-215 without lawful authority to stop
12-604.1(a-5)	604185	2 604D5	Aggravated use of video device accident involving death
12-610.1(b-5)	610185	2 610D5	Under age 19 aggravated wireless phone accident involving death
12-610.1(e-5)	610585	2 601D5	Aggravated use wireless phone school/construction zone accident involving death
12-610.2(b-5)	610285	2 602D5	Aggravated electronic communication device accident involving death
CRIMINAL CODE OF 2012	EDPM OFFENSE CODE	ABSTRACT DESCRIPTION CODE	DESCRIPTION OF OFFENSE
**********	*********	**********	**********

9-3	009003	9 03	Reckless homicide resulting from operation of a motor vehicle
11-15.1	011151	11 151	Conviction of soliciting for a juvenile prostitute
11-19.1	011191	11 191	Conviction of juvenile pimping
12-5	012005	12 05	Conviction of reckless conduct
12-13	012013	12 13	Conviction of criminal sexual assault
12-14	012014	12 14	Conviction of aggravated criminal sexual assault
12-15	012015	12 15	Conviction of criminal sexual abuse
12-16	012016	12 16	Conviction of aggravated criminal sexual abuse
16J-15	161015	16J-15	Conviction for violation of theft of motor fuel
16K-15	161115	16K-15	Conviction for violation of theft of motor fuel
18-3	0018003	18 3	Conviction of vehicular hijacking
18-4	0018004	18 4	Conviction of aggravated vehicular hijacking
21-2	021002	21 02	Criminal trespass to motor vehicles
22-51	022051	22 51	Violation of the Hypodermic Syringes and Needles Act [720 ILCS 635/2] concerning the sale of instruments used for illegal drug use or abuse

24-1(a)3	241103	241 A3	Conviction of unlawful use of weapons while using a motor vehicle
24-1(a)4	241104	241 A4	Conviction of unlawful use of weapons while using a motor vehicle
24-1(a)7	241107	241 A7	Conviction of unlawful use of weapons while using a motor vehicle
24-1(a)9	241109	241 A9	Conviction of unlawful use of weapons while using a motor vehicle
24-1.2	241200	241 200	Conviction of aggravated discharge of a firearm
24-1.5(b)	241520	24 15B	Conviction of reckless discharge of a firearm

THE LIQUOR CONTROL ACT OF 1934	EDPM OFFENSE CODE	ABSTRACT DESCRIPTION CODE	DESCRIPTION OF OFFENSE
**********	*********	**********	**********
43-131(a)	431311	43 131A	Minor presents false ID to buy alcoholic beverage
6-20	006020	6-20	Violation of Section 6-20
6-20(a)	060201	6-20A	Violation of Section 6-20(a) of the Liquor Control Act
6-20(c)	060203	6-20C	Violation of Section 6-20(c) of the Liquor Control Act

6-20(d)	060204	6-20D	Violation of Section 6-20(d) of the Liquor Control Act
6-20(e)	060205	6-20E	Violation of Section 6-20(e) of the Liquor Control Act

CANNABIS CONTROL ACT	EDPM OFFENSE CODE	ABSTRACT DESCRIPTION CODE	DESCRIPTION OF OFFENSE
**********	*********	**********	**********
704(a)	070401	704 01	Conviction for violation of Section 4(a) concerning the possession of not more than 2.5 grams of any substance containing cannabis
704(b)	070402	704 02	Conviction for violation of Section 4(b) concerning the possession of more than 2.5 grams but more than 10 grams of any substance containing cannabis
704(c)	070403	704 03	Conviction for violation of Section 4(c) concerning the possession of more than 10 grams but not more than 30 grams of any substance containing cannabis
704(d)	070404	704 04	Conviction for violation of Section 4(d) concerning the possession of more than 30 grams but not more than 500 grams of any substance containing cannabis
704(e)	070405	704 05	Conviction for violation of Section 4(e) concerning the possession of more than 500 grams of any substance containing cannabis

705	00705	705 00	Violation of the Cannabis Control Act concerning the unauthorized manufacture or delivery of cannabis
707	00707	707 00	Violation of the Cannabis Control Act concerning the unauthorized delivery of cannabis to a person under 18 by an adult

ILLINOIS CONTROLLED SUBSTANCES ACT	EDPM OFFENSE CODE	ABSTRACT DESCRIPTION CODE	DESCRIPTION OF OFFENSE
**********	*********	**********	**********
1401(a)	140101	1401 01	Class X violation of the Illinois Controlled Substances Act concerning the unauthorized manufacture or delivery of a controlled substance
1401(b)	140102	1401 02	Class 1 violation of the Illinois Controlled Substances Act concerning the unauthorized manufacture or delivery of a controlled substance
1401(c)	140103	1401 03	Class 2 violation of the Illinois Controlled Substances Act concerning the unauthorized manufacture or delivery of a controlled substance
1401(d)	140104	1401 04	Class 3 violation of the Illinois Controlled Substances Act concerning the unauthorized manufacture or delivery of a controlled substance

1401(e)	140105	1401 05	Class 3 violation of the Illinois Controlled Substances Act concerning the unauthorized manufacture or delivery of a controlled substance
1401(f)	140106	1401 06	Class 3 violation of the Illinois Controlled Substances Act concerning the unauthorized manufacture or delivery of a controlled substance
1401(g)	140107	1401 07	Class 3 violation of the Illinois Controlled Substances Act concerning the unauthorized manufacture or delivery of a controlled substance
1402(a)1	014201	1402 01	Conviction for violation of Section 402(a) concerning the possession of 15 grams or more of any substance containing heroin
1402(a)2	014202	1402 02	Conviction for violation of Section 402(a) concerning the possession of 15 grams or more of any substance containing cocaine
1402(a)3	014203	1402 03	Conviction for violation of Section 402(a) concerning the possession of 15 grams or more of any substance containing morphine
1402(a)4	014204	1402 04	Conviction for violation of Section 402(a) concerning the possession of 200 grams or more of any substance containing peyote
1402(a)5	014205	1402 05	

			Conviction for violation of Section 402(a) concerning the possession of 200 grams or more of any substance containing a derivative of barbituric acid or any of the salts of a derivative of barbituric acid
1402(a)6	014206	1402 06	Conviction for violation of Section 402(a) concerning the possession of 200 grams or more of any substance containing amphetamine or any salt of an optical isomer of amphetamine or methamphetamine
1402(a)7	014207	1402 07	Conviction for violation of Section 402(a) concerning the possession of 15 grams or more, but less than 100 grams of any substance containing lysergic acid diethylamide (LSD)
1402(a)8	014208	1402 08	Conviction for violation of Section 402(a) concerning the possession of 30 grams or more of any substance containing pentazocine or any of the salts, isomers and salts of isomers of pentazocine
1402(a)9	014209	1402 09	Conviction for violation of Section 402(a) concerning the possession of 30 grams or more of any substance containing methaqualone or any of the salts, isomers and salts of isomers of methaqualone
1402(a)10	014210	1402 10	Conviction for violation of Section 402(a) concerning the possession of 30 grams or more of any substance containing phencyclidine or any of

			the salts, isomers and salts of isomers of phencyclidine (PCP)
1402(a)11	014211	1402 11	Conviction for violation of Section 402(a) concerning the possession of 200 grams or more of any other controlled or counterfeit substance classified as a narcotic drug in Schedule I or II that is not otherwise included in this subsection
1402(b)	014220	1402 20	Conviction for violation of Section 402(b) concerning the possession of any other amount of a controlled or counterfeit substance
1407	014070	1407 00	Adult delivers controlled or counterfeit substances to minor
1407.1	014701	1407 01	Adult uses minor to deliver controlled/counterfeit substances
2103	021003	21 03	Violation of the Drug Paraphernalia Control Act [720 ILCS 600] concerning the sale of instruments used for illegal drug use or abuse

ILLINOIS IDENTIFICATION CARD ACT	EDPM OFFENSE CODE	ABSTRACT DESCRIPTION CODE	DESCRIPTION OF OFFENSE
**********	**********	**********	**********
335-14a1	014101	14A1	To possess, display, or cause to be displayed any cancelled or revoked identification card
335-14a2	014102	14A2	To display or represent as the person's own any identification card issued to another

335-14a3	014103	14A3	To allow any unlawful use of an identification card issued to another person
335-14a4	014104	14A4	To lend an identification card to another or knowingly allow the use thereof
335-14a5	014105	14A5	To fail or refuse to surrender to the Secretary of State, the Secretary's agent, or any peace officer upon lawful demand, any identification card that has been revoked or cancelled
335-14a6	014106	14A6	To knowingly possess, use or allow to be used any materials, hardware or software specifically designed for or primarily used in the manufacture, assembly, issuance or authentication of an official Illinois identification card or Illinois disabled person identification card by the Secretary of State
335-14a7	014107	14A7	To knowingly possess, use or allow to be used a stolen identification card making implement
335-14(A-1)	014011	14-A-1	Possess or use materials to obtain information from an identification card
335-14ab1	014121	14AB1	To knowingly possess, display, or cause to be displayed any fictitious or unlawfully altered identification card

335-14ab2	014122	14AB2	To knowingly possess, display, or cause to be displayed any fictitious or unlawfully altered identification card for the purpose of obtaining any account, credit, credit card, or debit card from a bank, financial institution, or retail mercantile establishment
335-14ab3	014123	14AB3	To knowingly possess any fictitious or unlawfully altered identification card with the intent to commit a theft, deception or credit or debit card fraud in violation of any law of this state or any law of any other jurisdiction
335-14ab4	014124	14AB4	To knowingly possess any fictitious or unlawfully altered identification card with the intent to commit any other violation of any law of this State or any law of any other jurisdiction for which a sentence to a term of imprisonment in a penitentiary for one year or more is provided
335-14ab5	014125	14AB5	To knowingly possess any fictitious or unlawfully altered identification card while in unauthorized possession of any document, instrument or device capable of defrauding another
335-14ab6	014126	14AB6	To knowingly possess any fictitious or unlawfully altered identification card with the intent to use the identification card to acquire any other identification document

335-14ab7	014127	14AB7	To knowingly issue or assist in the issuance of any fictitious identification card
335-14ab8	014128	14AB8	To knowingly alter or attempt to alter any identification card
335-14ab9	014129	14AB9	To knowingly manufacture, possess transfer, or provide any identification document for the purpose of obtaining a fictitious identification card
335-14ab10	0141210	14AB10	To make application for the purpose of obtaining a fictitious identification card for another person
335-14ab11	0141211	14AB11	To obtain the services of another person to make application for the purpose of obtaining a fictitious identification card
335-14bb1~~2~~	014221	14BB2	To knowingly possess, display or cause to be displayed any fraudulent identification card
335-14bb2~~1~~	014222	14BB1	To knowingly possess, display or cause to be displayed any fraudulent identification card for the purpose of obtaining any account, credit, credit card or debit card from a bank, financial institution or retail mercantile establishment
335-14bb3	014223	14BB3	To knowingly possess any fraudulent identification card with

			the intent to commit a theft, deception or credit or debit card fraud in violation of any law of this State or any law of any other jurisdiction
335-14bb4	014224	14BB4	To knowingly possess any fraudulent identification card with the intent to commit any other violation of any law of this State or any law of any other jurisdiction for which a sentence to a term of imprisonment in a penitentiary for one year or more is provided
335-14bb5	014225	14BB5	To knowingly possess any fraudulent identification card while in unauthorized possession of any document, instrument or device capable of defrauding another
335-14bb6	014226	14BB6	To knowingly possess any fraudulent identification card with the intent to use the identification card to acquire any other identification document
335-14bb7	014227	14BB7	To knowingly possess without authority any identification card making implement
335-14bb8	014228	14BB8	To knowingly possess any stolen implement for duplicating or manufacturing an identification card
335-14bb9	014229	14BB9	To knowingly duplicate, manufacture, sell or transfer any fraudulent identification card

335-14bb10	0142210	14BB10	To advertise or distribute any information or materials that promote the selling, giving, or furnishing of a fraudulent identification card
335-14cal	014311	14CA1	Present false information in application for identification card
335-14ca2	014312	14CA2	Accept false information in application for identification card
335-14ca3	014313	14CA3	Make false affidavit, swear or affirm falsely

c) Illinois Vehicle Code
The following point assigned violations will be entered on the driving record as Type Action -97- Bond forfeiture or Type Action -99- conviction

IVC VIOLATION CODE	EDPM OFFENSE CODE	ABSTRACT DESCRIPTION CODE	DESCRIPTION OF OFFENSE	POINTS
3-413(g)	413007	3 413 G	Operating a motor vehicle equipped with registration plate covers	10
6-107(e)	107005	6 107 05	Violation of Graduated Driver's License (GDL) restrictions on passengers	10
6-107(f)	107006	6 107 06	Violation of GDL restrictions on passenger seat belt/child restraints	10

6-107(g)	107007	6 107 07	Violation of GDL restrictions on number of passengers	10
6-501	501000	6 501 00	Violation of more than one driver's license	50
6-507(a)(1)	507101	6 507 A1	Driving without a commercial driver's license (CDL) in possession (a serious traffic violation if committed in a commercial motor vehicle)	50
6-526(a)	526100	6 526 A	Texting while driving a commercial motor vehicle (a serious violation)	20
6-527(a)	527100	6 527 A	Using a hand held mobile telephone while driving a commercial motor vehicle (a serious violation)	20
11-203	020300	# 0203 00	Failure to obey lawful order of authorized officer	10
11-305	030500	# 0305 00	Disregarding official traffic control device	20
11-306	030600	# 0306 00	Disregarding traffic control light	20
11-308	030800	# 0308 00	Disregarding lane control signal	20
11-309	030900	# 0309 00	Disregarding flashing traffic signal	20
11-402(a)	040201	# 0402 01	Collision involving damage to vehicles only – failure to stop, exchange information and make report	25

11-403	040300	# 0403 00	Failure to stop and exchange information after motor vehicle collision property damage only	25
11-403	040370	# 0403 G0	Failure to stop and exchange information or give aid after motor vehicle collision – personal injury involved	50
11-403	040380	# 0403 H0	Failure to stop and exchange information or give aid after motor vehicle collision − fatality	50
11-404	040400	# 0404 00	Failure to notify owner after collision with unattended vehicle or other property	15
11-502(a)	050201	# 0502 01	Illegal transportation, of any alcoholic liquor within the passenger area of any motor vehicle	25
11-503	050300	# 0503 00	Reckless driving (a serious traffic violation if committed in a commercial motor vehicle)	55
11-505	050500	# 0505 00	Squealing or screeching tires	10
11-507	050700	# 0507 00	Supervising minor driver while under the influence	20
11-601(a)	060100	# 0601 00	Speeding too fast for conditions or failure to reduce speed to avoid an accident ~~(a serious traffic violation if committed in a commercial motor vehicle)~~	10

11-601(b)	060101	# 0601 01	1-10 MPH above limit	5
11-601(b)	060103	# 0601 03	11-14 MPH above limit	15
11-601(b)	060105	# 0601 05	15-25 MPH above limit (a serious traffic violation if committed in a commercial motor vehicle)	20
11-601(b)	060107	# 0601 07	Over 25 MPH above limit (a serious traffic violation if committed in a commercial motor vehicle)	50
11-601(b)	060108	# 0601 08	26-29 MPH above limit (a serious violation if committed in a commercial motor vehicle) (arrests occurring prior to 1/27/11)	50
11-601(b)	601008	# 6010 08	26-30 MPH above limit (a serious violation if committed in a commercial motor vehicle) (arrests occurring on or after 1/27/11 and prior to 1/1/14)	50
11-601(b)	060109	# 0601 09	Over 29 MPH above limit (a serious violation if committed in a commercial motor vehicle) (arrests occurring prior to 1/27/11)	50
11-601(b)	601009	#6010 09	Over 30 MPH above limit (a serious violation if committed in a commercial motor vehicle) (arrests occurring on or after 1/27/11 and prior to 1/1/14)	50

11-601.5	060109	# 0601 09	Driving 40 MPH or more in excess of the applicable speed limit (a serious violation if committed in a commercial motor vehicle) (arrests occurring prior to 1/27/11)	50
11-601.5(a)	060151	# 06015A	30-39 MPH above limit (a serious violation if committed in a commercial motor vehicle) (arrests occurring prior to 1/1/14)	50
11-601.5(a)	601051	#60105A	31-39 MPH above limit (a serious violation if committed in a commercial motor vehicle) (arrests occurring prior to 1/1/14)	50
11-601.5(a)	601510	#0601 510	26-34 MPH above limit (a serious violation in a commercial motor vehicle) (arrests occurring on or after 1/1/14)	50
11-601.5(b)	601520	#0601 520	35 MPH or more above limit (a serious violation in a commercial motor vehicle) (arrests occurring on or after 1/1/14)	50
11-601.5(b)	060152	# 06015B	40 or more MPH above limit (a serious violation if committed in a commercial motor vehicle) (arrests occurring on or after 12/31/10 and prior to 1/1/14)	50
11-605	060500	# 0605 00	Exceeding the maximum speed limit in a school zone (a serious	20

			traffic violation if committed in a commercial motor vehicle)	
11-605(a)	060501	# 0605 01	Exceeding the maximum speed limit in a school zone (a serious violation in a commercial motor vehicle)	20
11-605(b)	060502	# 060502	Exceeding the maximum speed limit through a highway construction or maintenance zone (a serious traffic violation if committed in a commercial motor vehicle)	20
11-605.1	060510	# 0605 1	Exceeding the maximum speed limit in a construction zone when workers are present (a serious traffic violation if committed in a commercial motor vehicle)	20
11-605.1(a-5)	605115	# 605 1 15	Exceeding the maximum speed limit in a construction zone when workers are not present (a serious traffic violation if committed in a commercial motor vehicle)	10
11-605.3b	060532	# 0605 3b	Exceeding the maximum speed limit on a park zone street	20
11-605.3c	060533	# 0605 3c	Failure to obey stop sign or red light on a park zone street	20
11-606(a)	060601	# 0606 01	Driving below minimum speed limit	5

11-606(b)	060602	# 0606 02	Driving below minimum speed limit on Illinois Tollway	20
11-608	060800	# 0608 00	Exceeding maximum speed limit on bridge or elevated structure	10
11-701	070100	# 0701 00	Failure to drive on right side of roadway	20
11-702	070200	# 0702 00	Improper passing upon meeting an approaching vehicle	20
11-703(a)	070301	# 0703 01	Improper passing on left	20
11-703(b)	070302	# 0703 02	Failure to yield right-of-way to vehicle passing on the left	20
11-703(c)	070303	# 0703 03	Improper passing with a two wheeled vehicle	20
11-703(d)	070304	# 0703 04	Improper passing of bicycle or pedestrian	20
11-703(e)	070305	# 0703 05	Driving too close to, toward, or near a bicyclist, pedestrian or person riding a horse or driving an animal drawn vehicle	20
11-704	070400	# 0704 00	Improper passing on the right	20
11-705	070500	# 0705 00	Improper passing on the left	20
11-706	070600	# 0706 00	Driving on left side of roadway where prohibited	20
11-707(b)	070702	# 0707 02	Driving on left side of roadway in a no passing zone	20

11-707(d)	070704	# 0707 04	No passing in unincorporated area where there exists a school speed zone as defined in Section 11-605	10
11-708	070800	# 0708 00	Driving wrong way on one-way street or highway or around traffic island	5
11-709(a)	070901	# 0709 01	Improper traffic lane usage (a serious traffic violation if committed in a commercial motor vehicle)	20
11-709(b)	070902	# 0709 02	Improper center lane usage (a serious traffic violation if committed in a commercial motor vehicle)	20
11-709(c)	070903	# 0709 03	Improper traffic lane usage (a serious traffic violation if committed in a commercial motor vehicle)	20
11-709(d)	070904	# 0709 04	Improper traffic lane usage (a serious traffic violation if committed in a commercial motor vehicle)	20
11-709.1	070911	# 0709 11	Passing on shoulder while merging into traffic	20
11-710	071000	# 0710 00	Following too closely (a serious traffic violation if committed in a commercial motor vehicle)	25
11-711(a)	071101	# 0711 01	Improper entry or exit from controlled access roadway	10

11-711(b)	071102	# 0711 02	Operating an improper vehicle on a controlled access roadway	10
11-801	080100	# 0801 00	Improper turn at intersection	10
11-802	080200	# 0802 00	Improper U-turn	20
11-803	080300	# 0803 00	Unsafe movement of vehicle from parked position	15
11-804	080400	# 0804 00	Failure to give stop or turn signal	15
11-805	080500	# 0805 00	Improper stop or turn signal	15
11-806	080600	# 0806 00	Improper arm signal	15
11-901	090100	# 0901 00	Failure to yield right-of-way at intersection	15
11-901.1	090101	# 901 01	Failure to yield right-of-way at T intersection	15
11-902	090200	# 0902 00	Improper left turn with oncoming traffic	25
11-903	090300	# 0903 00	Failure to stop or yield right-of-way to pedestrians at intersections or crosswalks with traffic control devices	20
11-904	090400	# 0904 00	Failure to obey stop or yield right-of-way sign	20
11-905	090500	# 0905 00	Improper merging into traffic	20
11-906	090600	# 0906 00	Failure to yield right-of-way upon emerging from private road or roadway	20

11-907	090700	# 0907 00	Failure to yield right-of-way to emergency vehicle	15
11-907(c)	090703	# 0907 03	Failure to yield the right-of-way or drive with due caution upon approaching a stationary emergency vehicle	15
11-908(a)	090801	# 0908 01	Failure to yield right-of-way to authorized vehicle or pedestrian engaged in work within any highway construction or maintenance area	15
11-908(b)	090802	# 0908 02	Failure to yield right-of-way to authorized vehicle displaying flashing lights engaged in work upon a highway	15
11-908(c)	090803	# 0908 03	Failure to stop at highway construction sign	15
11-1002(a)	100201	# 1002 01	Failure to stop and/or yield right-of-way to pedestrians at crosswalks without traffic control devices	20
11-1002(d)	100204	# 1002 04	Passing vehicle stopped for pedestrian	20
11-1002(e)	100205	# 1002 05	Failure to yield right-of-way to pedestrian at an intersection	20
11-1002.5	100250	# 1002 50	Failure to stop and/or yield to a pedestrian at crosswalk in school zone	20

11-1003.1	100301	# 1003 01	Failure to exercise due care for pedestrian or bicyclist	10
11-1004	100400	# 1004 00	Failure to yield right-of-way to a blind or hearing impaired pedestrian	20
11-1008	100800	# 1008 00	Failure to yield to a pedestrian on a sidewalk	20
11-1101	110100	# 1101 00	Improper passing of street car on the left	10
11-1102	110200	# 1102 00	Improper passing on the right or failure to stop for a street car	20
11-1103	110300	# 1103 00	Obstructing street car traffic	5
11-1104	110400	# 1104 00	Driving through safety zone	20
11-1201	120100	# 1201 00	Failure to stop for approaching railroad train, railroad track equipment or signal	20
11-1201(a)	120110	# 1201 A	For drivers who are not always required to stop, failing to stop before reaching the railroad crossing, if tracks are not clear (serious traffic violation if committed in a commercial motor vehicle)	20
11-1201(a)2	120112	# 1201 A2	Failing to obey a traffic control device or the directions of an enforcement official at the railroad crossing	20
11-1201(a-5)	120115	# 1201 A5	For drivers who are not always required to stop, failing to slow	20

			down and check that the tracks are clear of approaching train or railroad track equipment (serious traffic violation if committed in a commercial motor vehicle)	
11-1201(d-1)	120141	# 1201 D1	For all drivers, failing to negotiate a railroad-highway grade crossing because of insufficient undercarriage clearance (serious traffic violation if committed in a commercial motor vehicle)	20
11-1202	120200	# 1202 00	Failure to stop at railroad grade crossing	20
11-1202	120020	# 1202	Failure to stop before driving onto crossing	20
11-1203	120300	# 1203 00	Improper movement of heavy equipment across railroad grade crossing	5
11-1204	120400	# 1204 00	Disregarding stop or yield sign at an intersection	20
11-1205	120500	# 1205 00	Failure to yield right-of-way upon emerging from alley or driveway	20
11-1402(a)	140201	# 1402 01	Limitations on backing	10
11-1402(b)	140202	# 1402 02	Limitations on backing upon controlled access highway	20

11-1403	140300	# 1403 00	Motorcycle operating violation or passenger equipment violation	5
11-1403.1	140301	# 1403 01	Motorized pedalcycle operating violation	5
11-1403.2	140302	# 1403 02	Operation of motorcycle on one wheel – reckless driving	55
11-1404	140400	# 1404 00	Motorcycle glasses, goggles or shield violation	5
11-1405	140500	# 1405 00	Motorcycle equipment violation	5
11-1412.1	141201	# 1412 01	Driving upon sidewalk	20
11-1414(a)	141401	# 1414 01	Passing school bus receiving or discharging children (Discontinued 6/30/13~~12/31/12~~)	25
11-1418	141800	# 1418 00	Illegal operation of farm tractor upon highway	10
11-1426.2g	142627	# 14262g	Operating a low speed vehicle without a valid license	15
11-1505	150500	# 1505 00	Improper position of motorized pedalcycles on roadway	10
11-1505.1	150501	# 1505 01	Riding motorized pedalcycle more than two abreast on roadways	10
11-1507.1	150701	# 1507 01	Violation of lamps on motorized pedalcycles	10
11-1510(b)	151020	# 1510 B0	Improper left turn on pedalcycle	10

12-201(b)	220102	# 2201 02	Head, tail or side light violation	10
12-208(a)	220801	# 2208 01	No stop lights	5
12-208(b)	220802	# 2208 02	No turn signal lights	5
12-208(c)	220803	# 2208 03	No turn signal lights on trailers or semi-trailers	5
12-301	230100	# 2301 00	Defective brakes	20
12-604.1(a)	260401~~110~~	# 2604 1A	Abuse of use of a video device	15
12-604.1(a-5)	604175~~261025~~	# 2604 1A5	Aggravated use of video device accident involving personal injury	30
12-610.1b	261012	# 2610 1B	Driver under age 18 using a wireless phone	10
12-610.1b	261010	# 2610 1b	Driving under age 19 using a wireless phone	
12-610.1(b-5)	610175~~261025~~	# 2610 1B5	Under age 19 aggravated wireless phone accident involving personal injury	30
12-610.1e	261015	# 2610 1e	Using a wireless phone in a school or construction zone or within 500 feet of an emergency scene (a serious violation if committed in a commercial motor vehicle)	15
12-610.1(e-5)	610575~~261055~~	# 2610 1E5	Aggravated use wireless phone school/construction zone accident involving personal injury	30

12-610.2b	261022	# 2610 2b	Using an electronic communications device (a serious violation if committed in a commercial motor vehicle) (Second or subsequent violation)	20
12-610.2(b-5)	610275~~261025~~	#2620 2b5	Aggravated electronic communication device accident involving personal injury	30
12-610.5b	261052	# 2610 5b	Unlawful use of registration plate covers	5
12-804	280400	# 2804 00	School bus identification and warning light violation	5
15-106	510600	# 5106 00	Failure to fasten or secure any protruding component of a vehicle	15
15-109	510900	# 5109 00	Spilling or unsafe load	15
15-110	511000	# 5110 00	Improper towing of a vehicle	10
15-114	511400	# 5114 00	Improper pushing of another vehicle	10

d) City of Chicago Traffic Regulations – Title 9 of the Municipal Code of Chicago
The following point assigned violations will be entered on the driving record as Type Action -97- bond forfeiture or Type Action -99- conviction

CHICAGO TRAFFIC CODE	EDPM OFFENSE CODE	ABSTRACT DESCRIPTION CODE	DESCRIPTION OF OFFENSE	POINTS
**********	*********	**********	**********	*******
9-40-140	940140	9 40 140	Negligent driving	10

e) Illinois Vehicle Code

SECRETARY OF STATE

NOTICE OF PROPOSED AMENDMENT

The following violations will be entered on the driving record as Type Action -95- bond forfeiture or Type Action -96- conviction with no point value:

IVC VIOLATION CODE	EDPM OFFENSE CODE	ABSTRACT DESCRIPTION CODE	DESCRIPTION OF OFFENSE
**********	*********	**********	**********
11-407(a)	040710	# 0407 A0	Failure of driver to give notice of accident
11-407(b)	040720	# 0407 B0	Failure of passenger to give notice of accident
11-506(b)	050602	# 0506 B	Vehicle owner permitting street racing
11-1412	141200	# 1412 00	Crossing fire hose
11-1420	142000	# 1420 00	Funeral procession violation
12-201(c)	220103	# 2201 03	Registration light violation
12-203	220300	# 2203 00	Lamps on parked vehicle
12-207	220700	# 2207 00	Spot light or auxiliary light violation
12-209	220900	# 2209 00	Other light violation
12-211(a)	221101	# 2211 01	Headlight violation
12-211(b)	221102	# 2211 02	Front light violation
12-212	221200	# 2212 00	Front red or flashing light violation
12-214	221400	# 2214 00	Special lighting equipment on rural mail delivery vehicle
12-603.1	260301	# 2603 01	Violation of the seat belt act
12-604.1	260401	# 260401	Driving while using prohibited video devices

12-610.2(b)	261002	# 2610 02	Using an electronic communication device (a serious violation if committed in a commercial motor vehicle) (First violation)
12-613(a)	261301	# 2613 A	Violation of possession and use of radar or laser jamming devices
12-714(a)	271401	# 2714 01	Violation of possession and use of a radar detecting device in a commercial motor vehicle
12-715(a)	271501	# 2715 01	Violation of possession and use of a radar jamming device in a commercial motor vehicle
1104	001104	# 01104 00	Violation of the Child Passenger Protection Act [625 ILCS 25] − child under age 4
1104(a)	101104	# 01104 10	Violation of the Child Passenger Protection Act [625 ILCS 25] − child age 4 but under age 6
25/4	250400	25 04	Violation of the Child Passenger Protection Act [625 ILCS 25] − child under age 4
25/4a	250401	25 04A	Violation of the Child Passenger Protection Act [625 ILCS 25] − child age 4 but under age 16
25/4b	250402	25 04B	Unrestrained – age 8 but under age 19 [625 ILCS 25]

f) Case Review

1) After each case is entered to the appropriate driving record, suspension, revocation, disqualification or cancellation action is determined by review of the driving record by a trained Driver Services Technician or action is taken for suspension, revocation, or disqualification by automated computer programs using criteria set forth in this Part.

2) Driver control action shall be entered upon the driver's record by classification (Type Action).

A) Classification for driver control actions:

Type Action 01	Mandatory Revocation
Type Action 02	Discretionary Revocation
Type Action 03	Discretionary Suspension
Type Action 04	Safety Responsibility Suspension
Type Action 05	Financial Responsibility Suspension
Type Action 06	Unsatisfied Judgment Suspension
Type Action 07	Mandatory Suspension
Type Action 08	Cancellation of License
Type Action 09	Mandatory Suspension
Type Action 17	Statutory Summary Suspension
Type Action 45	Cancellation/Suspension/Denial of School Bus Permit
Type Action DN	Denial of License and/or Privileges
Type Action DQ	Discretionary/Mandatory Disqualification
Type Action FR	Family Financial Responsibility Suspension
Type Action IV	Invalidation of License
Type Action MC	Mandatory Conviction Suspension
Type Action OS	Out of Service Law Enforcement History Item
Type Action ZT	Zero Tolerance Suspension

B) Description of driver control action:
The code used to describe the action is composed of the Chapter and/or Section number of the Illinois Vehicle Code that provides the Secretary of State with the authority to take such action.

g) Mandatory Revocation – Type Action 01

IVC VIOLATION CODE	EDPM OFFENSE CODE	ABSTRACT DESCRIPTION CODE	DESCRIPTION OF OFFENSE

NOTICE OF PROPOSED AMENDMENT

**********	*********	**********	**********
6-205(a)1	205101	6 205 A1	Reckless homicide
6-205(a)2	205102	6 205 A2	Driving while under the influence of alcohol, other drug, or combination thereof
6-205(a)3	205103	6 205 A3	Felony involving the use of a motor vehicle
6-205(a)4	205104	6 205 A4	Leaving the scene of a traffic accident involving death of personal injury – violation of Section 11-401
6-205(a)5	205105	6 205 A5	Perjury under oath relating to ownership or operation of a motor vehicle
6-205(a)6	205106	6 205 A6	Three convictions of reckless driving committed within a 12-month period
6-205(a)7	205107	6 205 A7	Conviction of motor vehicle theft as defined in Section 4-102
6-205(a)8	205108	6 205 A8	Conviction of drag racing under Section 11-504
6-205(a)9	205109	6 205 A9	Violation of financial responsibility in operation of a motor vehicle for the purpose of hire (Chapter 8) or for rent (Chapter 9)
6-205(a)10	205110	6 205 A10	Reckless conduct, Section 12-5 of the Criminal Code of 2012
6-205(a)11	205111	6 205 A11	Conviction of aggravated fleeing or eluding a peace officer
6-205(a)12	205112	6 205 A12	Violation of Section 6-507(b) or a similar law of another state relating to the unlawful operation of a commercial motor vehicle

6-205(a)13	205113	6 205 A13	A second or subsequent violation of Section 11-502(a) or a similar provision of a local ordinance and the driver was less than 21 years of age at the time of the offense.
6-205(a)14	205114	6 205 A14	Conviction of Section 11-506(a) or a similar provision of a local ordinance relating to street racing
6-205(a)15	205115	6 205 A15	A second or subsequent conviction of driving while the person's driver's license, permit or privilege was revoked for reckless homicide or a similar out-of-state offense
6-205(a)16	205116	6 205 A16	Conviction of any offense regulating the movement of traffic that was the proximate cause of death of any person
6-205(a)17	205117	6 205 A17	Unauthorized use of deceased person's disability placard or device
6-205(a)18	205118	6 205 A18	Second or subsequent conviction of illegal possession of a controlled substance or cannabis
6-205(b)1	205201	6 205 B1	Notice provided for in Section 1-8 of the Juvenile Court Act of 1987, that minor has been adjudicated under that Act as having committed an offense relating to motor vehicles prescribed in IVC Section 4-103
6-205(b)2	205202	6 205 B2	When any other law of this State requires either the revocation or suspension of such license or permit
6-205(b)3	205203	6 205 B3	Committing a gang-related offense involving a motor vehicle or driver's license
6-205(c)	205300	6 205 C0	Revocation of a restricted driving permit

SECRETARY OF STATE

NOTICE OF PROPOSED AMENDMENT

11-501.1	050101	1 0501 01	Statutory Summary Revocation

h) Discretionary Revocations and Suspensions – Type Action 02 or 03

IVC VIOLATION CODE	EDPM OFFENSE CODE	ABSTRACT DESCRIPTION CODE	DESCRIPTION OF OFFENSE
**********	*********	**********	**********
6-113(d)	113400	6 113 D0	Violation of a restriction on a license or permit
6-206(a)1	206101	6 206 A1	Has committed an offense requiring revocation upon conviction
6-206(a)2	206102	6 206 A2	Three or more convictions of moving traffic violations committed within a 12-month period
6-206(a)3	206103	6 206 A3	Habitually been in violation of vehicle laws
6-206(a)4	206104	6 206 A4	Accident resulting in death or injury
6-206(a)5	206105	6-206 A5	Permitted unlawful or fraudulent use of license, ID card or permit
6-206(a)6	206106	6 206 A6	Conviction of an offense in another state requiring a suspension or revocation in this State including authorization contained in Section 6-203.1
6-206(a)7	206107	6 206 A7	Refused or failed to submit to an examination
6-206(a)8	206108	6 206 A8	Ineligible for license or permit under Section 6-103.

6-206(a)9	206109	6 206 A9	False statement or knowingly concealed a material fact in application for license, ID card or permit
6-206(a)10	206110	6 206 A10	Has displayed or attempted to fraudulently use any driver's license, ID card or permit not issued to such person
6-206(a)11	206111	6 206 A11	Driving while license or permit has been revoked
6-206(a)12	206112	6-206 A12	Obtained the services of another person to take an examination for the purpose of obtaining a license, ID card or permit for some other person
6-206(a)13	206113	6 206 A13	Violation of Curfew Act (prior to 1-1-08)
6-206(a)13	206113	6 206 A13	Violation of nighttime driving restrictions (effective 1-1-08)
6-206(a)14	206114	6 206 A14	Unlawful use of license or permit under IVC Section 6-301 or Section 14, 14A or 14B of the Illinois Identification Card Act [15 ILCS 335]
6-206(a)15	206115	6 206 A15	Conviction of criminal trespass to vehicles as defined in Section 21-2 of the Criminal Code of 2012
6-206(a)16	206116	6 206 A16	Violation of Section 11-204, fleeing from a peace officer
6-206(a)17	206117	6 206 A17	Has refused to submit to a test as required under Section 11-501.1, and such person has not sought a hearing as provided for in Section 11-501.1

6-206(a)18	206118	6 206 A18	Has been adjudged to be afflicted with or suffering from any mental disability or disease
6-206(a)19	206119	6 206 A19	Has violated Section 6-101 – driving without a valid license
6-206(a)20	206120	6 206 A20	Has violated Section 6-104 – driving without a proper classification on a driver's license
6-206(a)21	206121	6 206 A21	Has violated Section 11-402 relating to leaving the scene of an accident resulting in damage to a vehicle in excess of $1000
6-206(a)22	206122	6 206 A22	Has used a motor vehicle in violation of Section 24-1(a)(3), (4), (7), or (9) of the Criminal Code of 2012
6-206(a)23	206123	6 206 A23	Has been convicted of violating Section 11-502(a) for a second or subsequent time within one year
6-206(a)24	206124	6 206 A24	Has been convicted by court martial or punished by non-judicial punishment by military authorities of the United States at a military installation in Illinois of a traffic related offense that is the same or similar to an offense specified under Section 6-205 or 6-206 or in another state
6-206(a)25	206125	6 206 A25	Has permitted any form of identification to be used by another in the application process in order to obtain a license, identification card or permit
6-206(a)26	206126	6 206 A26	Has altered or attempted to alter a license or has possessed an altered license, identification card or permit

6-206(a)27	206127	6 206 A27	Has violated Section 6-16 of the Liquor Control Act of 1934
6-206(a)28	206128	6 206 A28	Conviction for the illegal possession of any controlled substance prohibited under the Illinois Controlled Substances Act or any cannabis prohibited under the Cannabis Control Act while operating a motor vehicle
6-206(a)29	206129	6 206 A29	Conviction of criminal sexual assault, aggravated criminal sexual assault, criminal sexual abuse, aggravated criminal sexual abuse, juvenile pimping, soliciting for a juvenile prostitute or the manufacture, sale or delivery of controlled substances or instruments used for illegal drug use or abuse while operating a motor vehicle
6-206(a)30	206130	6 206 A30	Conviction of a second or subsequent time of a sex offense and/or an offense against drug laws while operating a motor vehicle as enumerated in Section 6-206(a)(29)
6-206(a)31	206131	6 206 A31	Refused to submit/failed test as required by Section 11-501.6
6-206(a)32	206132	6 206 A32	Has used a motor vehicle in violation of Section 24-1.2 of the Criminal Code of 2012
6-206(a)33	206133	6 206 A33	A violation of Section 11-502(a) or a similar provision of a local ordinance and the driver was less than 21 years of age at the time of the offense
6-206(a)34	206134	6 206 A34	Two or more convictions of moving traffic violations committed within a 24-month period (Type Action 02 prior to 8-8-98) (Type Action 03 prior to 8-11-98)

NOTICE OF PROPOSED AMENDMENT

6-206(a)34	206134	6 206 A34	Use of fictitious or unlawfully altered person-with-disabilities license plate or parking decal or device as defined in Section 11-1301.5 (effective 8-8-98)
6-206(a)35	206135	6 206 A35	Use of fictitious or unlawfully altered person-with-disabilities license plate or parking decal or device as defined in Section 11-1301.5 (prior to 8-8-98)
6-206(a)35	206135	6 206 A35	Use of fraudulent person-with-disabilities license plate or parking decal or device as defined in Section 11-1301.6 (effective 8-8-98)
6-206(a)36	206136	6 206 A36	Use of fraudulent person-with-disabilities license plate or parking decal or device as defined in Section 11-1301.6 (prior to 8-8-98)
6-206(a)36	206136	6 206 A36	Two or more convictions of moving traffic violations committed within a 24 month period (Type Action 02 effective 8-8-98) (Type Action 03 effective 8-11-98)
6-206(a)37	206137	6 206 A37	Has been convicted of a violation of Section 11-907(c) that resulted in property damage, personal injury, or death
6-206(a)38	206138	6 206 A38	Has been convicted of a violation of Section 6-20 of the Liquor Control Act of 1934
6-206(a)39	206139	6 206 A39	Has committed a second or subsequent violation of Section 11-1201
6-206(a)40	206140	6 206 A40	Failure to yield and proceed with due caution upon entering a construction zone when workers are present

6-206(a)41	206141	6 206 A41	Committed a second or subsequent violation of Section 11-605.1 of the Illinois Vehicle Code, a similar provision of a local ordinance or a similar violation in any other state, within 2 years of the date of the previous violation
6-206(a)42	206142	6 206 A42	Has committed a violation of Section 11-1301.3(a-1)
6-206(a)43	206143	6 206 A43	Supervision for violation of Section 6-20 of the Liquor Control Act
6-206(a)44	206144	6 206 A44	Has been convicted of a moving violation after having previously been suspended or revoked pursuant to Section 6-206(a)36
6-206(a)45	206145	6 206 A45	Committed perjury or submitted false documents at a formal hearing
6-206(a)46	206146	6 206 A46	Has committed a violation of subsection (j) of Section 3-413
6-206(a)47	206147	6 206 A47	Has committed a violation of Section 11-502.1
6-206(c)3	206303	6 206 C3	Conviction of an offense while holding a Restricted Driving Permit
6-206.1(J)	206010	6 206.1 J	Violation of the requirements of the monitoring device driving permit (MDDP)
6-206.1(L)	206012	6 206.1 L	Convicted or received court supervision of violation listed in Section 6-206.1(c-1) or de-installed MDDP without authorization

i) Discretionary or Mandatory – Suspension – Type Action 03, 07, 09, 17~~ or 18~~, or ZT

SECRETARY OF STATE

NOTICE OF PROPOSED AMENDMENT

IVC VIOLATION CODE	EDPM OFFENSE CODE	ABSTRACT DESCRIPTION CODE	DESCRIPTION OF OFFENSE
**********	*********	**********	**********
6-205(c)	205300	6 205 C0	Suspension of a Restricted Driving Permit
6-205.2	205002	6 205 02	Theft of motor fuel
6-303(b)	303200	6 303 B0	Driving while license or permit has been revoked or suspended
6-306.3	306003	6 306 03	Failure to appear in court to answer a traffic violation charge after depositing a valid Illinois license in lieu of bail
6-306.5	306005	6 306 05	Failure to pay fines – parking violations or automated traffic law violations
6-306.7	306007	6 306 07	Failure to pay fines – Illinois State Toll Highway Authority
11-406(e)	040650	1 0406 E0	Suspended for failure or neglect to make a report of a traffic accident as required by Section 11-406
11-501.1	050101	1 0501 01	Statutory Summary Suspension
11-501.8	050108	1 0501 08	Zero Tolerance Suspension
11-1414(f)	141460	1 1414 F0	Failure to stop for school bus when loading or discharging passengers
11-1425(d)	142540	1 1425 D	Failure to have space to drive through railroad crossing
13A 112(b)	311122	13A 112 B	Vehicle Emissions Suspension
13B 55(b)	132552	13B 55B	Vehicle Emissions Suspension

NOTICE OF PROPOSED AMENDMENT

j) Safety Responsibility Suspension – Type Action 04

IVC VIOLATION CODE	EDPM OFFENSE CODE	ABSTRACT DESCRIPTION CODE	DESCRIPTION OF OFFENSE
**********	*********	**********	**********
7-201			Motor vehicle operator and/or owner of a vehicle involved in an accident in excess of $500 without liability insurance coverage, with a reasonable possibility of a civil judgment being entered in court

k) Financial Responsibility Suspension – Type Action 05

IVC VIOLATION CODE	EDPM OFFENSE CODE	ABSTRACT DESCRIPTION CODE	DESCRIPTION OF OFFENSE
**********	*********	**********	**********
7-305			Failure to maintain proof of financial responsibility (SR-22 insurance) for a designated period of time

UNIFIED CODE OF CORRECTIONS	EDPM OFFENSE CODE	ABSTRACT DESCRIPTION CODE	DESCRIPTION OF OFFENSE
**********	*********	**********	**********
730/5	5-6-3.1(m)		Fail to file proof of financial responsibility after receiving supervision or three convictions for a mandatory insurance violation

l) Unsatisfied Judgment Suspension – Type Action 06

IVC VIOLATION CODE	EDPM OFFENSE CODE	ABSTRACT DESCRIPTION CODE	DESCRIPTION OF OFFENSE
**********	*********	**********	**********

7-303	Failure to satisfy court judgment relating to property damage or personal injury resulting from the operation of any motor vehicle

m) Cancellation – Type Action 08

IVC VIOLATION CODE	EDPM OFFENSE CODE	ABSTRACT DESCRIPTION CODE	DESCRIPTION OF OFFENSE
**********	*********	**********	**********
6-108(1)	108001	6 108 01	Request for withdrawal of consent
6-108(2)	108002	6 108 02	Death of person giving consent
6-108(3)	108003	6 108 03	Person giving consent no longer has legal custody
6-108(A)(5)	108105	6 108 A5	Failed to disclose a pending citation at the time of the graduated driver's license application
6-108(4)	108004	6 108 04	Reported to be a chronic or habitual truant as defined in Section 26-2a of the School Code [105 ILCS 5/26-2a]
6-113(d)	113400	6 113 D0	Cancellation of a Restricted Driving Permit based on evidence of violation of restriction
6-201(a)1	201101	6 201 A1	Not entitled to the issuance of the license or permit
6-201(a)2	201102	6 201 A2	Failed to give the required or correct information
6-201(a)3	201103	6 201 A3	Failed to pay fees or taxes due
6-201(a)4	201104	6 201 A4	Committed any fraud in the making of such application

6-201(a)5	201105	6 201 A5	Ineligible therefore under the provisions of Section 6-103
6-201(a)6	201106	6 201 A6	Has refused or neglected to submit to examination or re-examination as required under this Code
6-201(a)7	201107	6 201 A7	Has violated the Cannabis Control Act or the Illinois Controlled Substances Act while in physical control of a motor vehicle
6-201(a)8	201108	6 201 A8	Failed to notify Secretary of State of a medical condition that is likely to cause loss of consciousness or loss of ability to safely operate a motor vehicle within 10 days after becoming aware of the condition
6-201(a)9	201109	6 201 A9	Convicted of a sex offense as defined in the Sex Offender Registration Act [730 ILCS 150]
6-201(a)11	201111	6 201 A11	Refused or neglected to appear at a driver services facility to have a license corrected or failed to appear to present documentation for verification of identity
6-201(a)12	201112	6 201 A12	Fraudulent document or failed to submit medical card/variance
6-201(a)13	201113	6 201 A13	Medical Certification/variance removed by FMCSA
6-201(a)14	201114	6 201 A14	Failure to self certify
6-201(a)15	201115	6 201 A15	Out of state resident/SR22 not required
6-205(c)	205300	6 205 C0	Cancellation of a permit issued subsequent to a mandatory revocation pursuant to Section 6-205

6-206(c)3	206303	6 206 C3	Cancellation of a permit subsequent to a discretionary revocation or suspension pursuant to Section 6-206
6-206.1(a)4	206014	6 206.1 A4	Failure to install BAIID
6-206.1(c-1)	206013	6 206.1 C-1	De-installed BAIID without prior authorization from Secretary of State

ILLINOIS IDENTIFICATION CARD ACT	EDPM OFFENSE CODE	ABSTRACT DESCRIPTION CODE	DESCRIPTION OF OFFENSE
**********	*********	**********	**********
335 13(b)1	013201	335-13 B1	Not entitled to the issuance of an identification card
335 13(b)2	013202	335-13 B2	False statement or knowingly concealed a material fact in your application for an identification card
335 13(b)3	013203	335-13 B3	Displayed or represented as your own an identification card not issued to you
335 13(b)4	013204	335-13 B4	Permitted an unlawful use of your identification card by allowing another person to use your identification card
335 13(b)5	013205	335-13 B5	Signature of the applicant or the signature on the identification card is a forgery
335 13(b)6	013206	335-13 B6	Identification card has been used for an unlawful or fraudulent purpose
335 13(b)7	013207	335-13 B7	Identification card has been altered or defaced
335 13(b)8	013208	335-13 B8	Identification card has been duplicated for any purpose

335 13(b)9	013209	335-13 B9	Identification card was utilized for counterfeit purposes
335 13(b)10	013210	335-13 B10	Not a disabled person as defined in Section 4A of the Illinois Identification Card Act
335 13(b)11	013211	335-13 B11	The holder failed to appear at a Driver Services Facility for the re-issuance of an identification card or was issued based on invalid, altered, fictitious or fraudulent documents

n) Discretionary/Mandatory Cancellation/Suspension/Denial of School Bus Driver Permit – Type Action 45

IVC VIOLATION CODE	EDPM OFFENSE CODE	ABSTRACT DESCRIPTION CODE	DESCRIPTION OF OFFENSE
**********	*********	**********	**********
6-106.1	106001	6 106 01	Discretionary/mandatory suspension/ cancellation/denial of a school bus driver permit pursuant to Section 6-106.1
6-106.1(a)	106011		Zero tolerance cancellation of school bus driver permit

o) Denial – Type Action DN

IVC VIOLATION CODE	EDPM OFFENSE CODE	ABSTRACT DESCRIPTION CODE	DESCRIPTION OF OFFENSE
**********	*********	**********	**********
6-103(18)			Denial of driver's license and/or driving privileges pursuant to Section 6-103(18)
6-107(c)			Denial of driver's license and/or driving privileges pursuant to Section 6-107(c)

6-107(d)	Denial of driver's license pursuant to Section 6-107(d)
6-108.1	Denial of driver's license pursuant to Section 6-108.1

p) Discretionary/Mandatory Disqualification – Type Action DQ

IVC VIOLATION CODE	EDPM OFFENSE CODE	ABSTRACT DESCRIPTION CODE	DESCRIPTION OF OFFENSE
**********	*********	**********	**********
6-514(a)1	514101	6 514 A1	Refusal to submit/failure to complete chemical test
6-514(a)2	514102	6 514 A2	Operating commercial motor vehicle/non-commercial motor vehicle with alcohol concentration .04 or more or any amount of a drug, substance, or compound in such person's blood or urine resulting from the unlawful use or consumption of cannabis listed in the Cannabis Control Act or a controlled substance listed in the Illinois Controlled Substances Act
6-514(a)3I	514131	6 514 A31	Driving under influence of alcohol/other drugs
6-514(a)3II	514132	6 514 A32	Leaving scene of accident while operating commercial motor vehicle
6-514(a)3III	514133	6 514 A33	Driving commercial motor vehicle while committing any felony
6-514(b)	514200	6 514 B	Second conviction of violation Section 6-514(a)

6-514(c)	514300	6 514 C	Conviction of felony drug offenses using commercial motor vehicle
6-514(e)	514500	6-514 E	Conviction of 2 or more serious traffic violations within 3 years
6-514(i)1	514901	6-514 I1	Conviction for a first violation of operating a commercial motor vehicle while driving privileges, license or permit is subject to or in violation of an out-of-service order
6-514(i)2	514902	6 514 I2	Conviction for a second violation of operating a commercial motor vehicle while driving privileges, license or permit is subject to or in violation of an out-of-service order
6-514(i)3	514903	6 514 I3	Conviction for a third or more violation of operating a commercial motor vehicle while driving privileges, license or permit is subject to or in violation of an out-of-service order
6-514(i)4	514904	6 514 I4	Conviction for a first violation of operating a commercial motor vehicle while driving privileges, license, or permit is subject to or in violation of an out-of-service order and while transporting passengers or hazardous materials
6-514(i)5	514905	6 514 I5	Conviction for a second violation of operating a commercial motor vehicle while driving privileges, license or permit is subject to or in violation of an out-of-service order and while transporting passengers or hazardous materials
6-514(i)6	514906	6 515 I6	Conviction for a third or more violation of operating a commercial motor vehicle while

			driving privileges, license or permit is subject to or in violation of an out-of-service order and while transporting passengers or hazardous materials
6-514(j)2i	514021	6 514 J2i	Convicted for a first violation of railroad-highway grade crossing
6-514(j)2ii	514022	6 514 J2ii	Convicted for a second violation of railroad-highway grade crossing within a three-year period
6-514(j)2iii	514023	6 514 J2iii	Convicted of a third or subsequent violation of railroad-highway grade crossing within a three-year period
6-514(k)	514110	6 514 K	Notification of a disqualification of a driver's CMV privileges imposed by USDOT, Federal Motor Carrier Safety Administration, in accordance with 49 CFR 383.52, the Secretary of State shall immediately record the notice of disqualification and confirm the action to the driver
6-514(a)3iv	514134	6 514 A3iv	Driving a CMV when, as a result of prior violations committed while operating a CMV, the driver's CDL is revoked, suspended, disqualified or cancelled
6-514(a)3v	514135	6 514 3v	Causing a fatality through the negligent operation of a CMV, including but not limited to the crimes of motor vehicle manslaughter, homicide by motor vehicle and negligent homicide

q) Family Financial Responsibility Suspension – Type Action FR

NOTICE OF PROPOSED AMENDMENT

IVC VIOLATION CODE	EDPM OFFENSE CODE	ABSTRACT DESCRIPTION CODE	DESCRIPTION OF OFFENSE
**********	*********	**********	**********
7-702	702000	7 702 00	Individuals who are 90 days or more delinquent in court ordered child support payments and have been found in contempt by the court
7-703			Individuals who are 90 days or more delinquent in court ordered child support payment
7-704.1			Individual certified by Illinois Department of Healthcare & Family Services of delinquency of child support payments
7-705.2			Receipt of court order indicating the driver has engaged in abuse of a child visitation order

r) Invalidation – Type Action IV

IVC VIOLATION CODE	EDPM OFFENSE CODE	ABSTRACT DESCRIPTION CODE	DESCRIPTION OF OFFENSE
**********	*********	**********	**********
6-301.3			Invalidation of driver's license or permit pursuant to Section 6-301.3

s) Out-Of-Service – Law Enforcement Sanction History Item – Type Action OS

IVC VIOLATION CODE	EDPM OFFENSE CODE	ABSTRACT DESCRIPTION CODE	DESCRIPTION OF OFFENSE
**********	*********	**********	**********
6-515	515000	6 515	24 hour out-of-service order

t) The following violations will not be assigned points but will be entered on the driving record as Type Action -68- record history item conviction. In the following Table, ACD means AAMVANet Code Dictionary.

ACD CODE	DESCRIPTION OF OFFENSE
A24	Driving under the influence of medication not intended to intoxicate
A33	Illegal possession of drugs (controlled substances)
A60	Underage conviction of drinking and driving at .02 or higher BAC
A61	Underage Administrative Per Se – drinking and driving at .02 or higher BAC
B63	Failed to file future proof of financial responsibility
B64	Failed to file insurance certification
B65	Failed to file medical/certification disability information
B74	Failed to show insurance certification
B78	Failed to show non-commercial driver's license (includes Instruction Permit)
D02	Misrepresentation of identity or other facts on application for driver's license (includes DL, CDL, and Instruction Permit)
D16	Present or use improperly driver's license (includes DL, CDL, and Instruction Permit)
D35	Failure to comply with financial responsibility law
D36	Failure to maintain required liability insurance
D37	Failure to pay for damages or make installment payment
D38	Failure to post security or obtain release from liability

D39	Unsatisfied judgment
D45	Failure to appear for trial or court appearance
D51	Failure to make required payment of child support
D53	Failure to make required payment of fines and costs
D56	Failure to answer a citation, pay fines, penalties and/or costs related to the original violation
D72	Inability to control vehicle
D74	Operating a motor vehicle improperly due to drowsiness
D75	Operating a motor vehicle improperly due to physical or mental disability
E03	Operating without HAZMAT safety equipment as required by law
E04	Operating without HAZMAT placards/markings as required by law
E33	Defective HAZMAT safety devices
E37	Defective tires
E50	Failure to use equipment as required
E53	Failure to use HAZMAT safety devices as required
E54	Failure to use headlight dimmer as required (arrests occurring after 12-31-07)
E57	Failure to use snow tires or chains as required
E70	Equipment used improperly or obstructed
F05	Carrying unsecured passengers in open area of vehicle
F06	Improper operation of or riding on a motorcycle

F34	Stopping, standing or parking: obstructing or impeding traffic
F66	Unsafe condition of vehicle (no specified component)
M02	Failure to obey barrier
M03	Failure to obey construction or maintenance zone markers
M04	Failure to obey flagger
M09	Failure to obey railroad crossing restrictions
M13	Failure to obey school crossing guard
M32	Following emergency vehicle unlawfully
M33	Following fire equipment unlawfully
M43	Ran off road
M47	Improper lane or location – in bicycle lane
M55	Improper lane or location – on rail or streetcar tracks
M80	Inattentive, careless or negligent driving
M81	Careless driving
M82	Inattentive driving
M83	Negligent driving
N02	Failure to yield right of way to animal rider or animal-drawn vehicle
N41	Failure to cancel directional signals
N44	Giving wrong signal

N80	Coasting (operating with gears disengaged)
N84	Unsafe operation
S97	Operating at erratic or suddenly changing speeds
U02	Resisting arrest
U04	Using a motor vehicle in connection with a misdemeanor (not a traffic offense)
U05	Using a motor vehicle to aid and abet a felon
U06	Vehicular assault
U21	Illegal operation of emergency vehicle
W80	Failed employer-directed drug test
W81	Refusal to submit to an employer-directed drug test

u) The following violations will not be assigned points but will be entered on the driving record as Type Action -82- conviction immediate action:

ACD CODE	DESCRIPTION OF OFFENSE
A04	Driving under the influence of alcohol with BAC of at least .04 but not greater than .079
A08	Driving under the influence of alcohol with BAC at or over .08
A10	Driving under the influence of alcohol with BAC at or over .10
A11	Driving under the influence of alcohol with BAC at _____
A12	Refuse to submit to test for alcohol – Implied Consent Law
A20	Driving under the influence of alcohol or drugs

A21	Driving under the influence of alcohol
A22	Driving under the influence of drugs
A23	Driving under the influence of alcohol and drugs
A25	Driving while impaired
A90	Admin Per Se for BAC at or over .10
A91	Admin Per Se for BAC at _____ (detail field required)
A94	Admin Per Se for BAC of at least .04 but not greater than .079
A98	DUI at .08 Admin
B21	Driving while license barred
B22	Driving while license cancelled
B23	Driving while license denied
B27	Driving while license out-of-service order is in effect (for violations not covered by B19)
D06	Misrepresentation of identify or other facts to obtain alcohol
D07	Possess multiple driver's licenses (including DL, CDL and Instruction Permit) (Serious violation)
D10	Manufacture or duplicate false driver's license (includes DL, CDL and Instruction Permit)
D27	Violate limited license conditions (Serious violation)
D29	Violate restrictions of driver's license (includes DL, CDL and Instruction Permit) (Serious violation)

SECRETARY OF STATE

NOTICE OF PROPOSED AMENDMENT

S95 Speed contest (racing) on road open to traffic

v) The following violations will not be assigned points but will be entered on the driving record as Type Action -83- conviction immediate action:

ACD CODE	DESCRIPTION OF OFFENSE
A41	Driver violation of ignition interlock or immobilization device
A50	Motor vehicle used in the commission of a felony involving manufacturing, distribution, or dispensing a controlled substance
B06	Leaving scene of an accident before police arrive – fatal accident
B07	Leaving scene of an accident before police arrive – personal injury accident
B19	Driving while out-of-service order is in effect and transporting 16 or more passengers, including the driver, and/or transporting hazardous materials that require a placard
B20	Driving while license withdrawn
B24	Driving while license disqualified
B25	Driving while license revoked
B26	Driving while license suspended
B41	Possess or provide counterfeit or altered driver's license (includes DL, CDL and Instruction Permit) or ID
B51	Expired or no driver's license (includes DL, CDL and Instruction Permit)
B56	Driving a CMV without obtaining a CDL (Serious violation)
B91	Improper classification or endorsement on driver's license (includes DL, CDL and Instruction Permit) (Serious violation)

D78	Perjury about the operation of a motor vehicle
M23	Failure to have space to drive through railroad crossing
U01	Fleeing or evading police or roadblock
U03	Using a motor vehicle in connection with a felony (not traffic offense)
U07	Vehicular homicide
U08	Vehicular manslaughter (Serious violation)
U09	Negligent homicide while operating a CMV
U10	Causing a fatality through the negligent operation of a CMV
U27	Vehicular feticide (first degree)
U28	Vehicular feticide (second degree)

w) The following violations will not be assigned points but will be entered on the driving record as Type Action -85- conviction:

ACD CODE	DESCRIPTION OF OFFENSE
B61	Failed to file accident report
D70	Driver's view obstructed
E01	Operating without equipment as required by law
E23	Use of radar or laser detector prohibited by law
E34	Defective lights
E54	Failure to use headlight dimmer as required (arrests occurring prior to 1-1-08)
F02	Child or youth restraint not used properly as required

F04	Seat belt not used properly as required
M30	Following improperly
M56	Improper lane or location – on fire hose
N05	Failure to yield right of way to funeral procession, procession or parade

x) The following point assigned violations will be entered on the driving record as Type Action -87- conviction:

ACD CODE	DESCRIPTION OF OFFENSE	POINTS
A26	Drinking alcohol while operating a vehicle	25
A31	Illegal possession of alcohol	25
A35	Possession of open alcohol container	25
B01	Hit and run – failure to stop and render aid after accident	25
~~B02~~	~~Hit and run – failure to stop and render aid after accident – fatal accident~~	~~50~~
B02	Hit and run – failure to stop and render aid after accident – fatal accident	50
B03	Hit and run – failure to stop and render aid after accident – personal injury accident	50
B04	Hit and run – failure to stop and render aid after accident – property damage accident	25
B05	Leaving scene of accident before police arrive	25
B08	Leaving scene of accident before police arrive – property damage accident	25

B14	Failure to reveal identity after fatal or personal injury accident	50
B57	Driving a CMV without a CDL in the driver's possession	50
E02	Operating without brakes as required by law	20
E05	Operating without lights as required by law	10
E06	Operating without school bus equipment as required by law	5
E31	Defective brakes	20
E36	Defective school bus equipment	5
E51	Failure to use brakes	20
E55	Failure to use lights as required	10
E56	Failure to use school bus safety equipment as required	5
E71	Brakes used improperly	20
F03	Motorcycle safety equipment not used properly as required	5
M05	Failure to obey land markings or signal	20
M08	Failure to obey police of peace officer	10
M10	Failure to obey railroad gates, signs, or signals	20
M11	Failure to obey restricted lane (Serious violation)	20
M12	Failure to obey safety zone	20
M14	Failure to obey sign or traffic control device	20
M15	Failure to obey stop sign	20

M16	Failure to obey traffic signal or light	20
M17	Failure to obey traffic sign	20
M18	Failure to obey warning light or flasher	20
M19	Failure to obey yield sign, or when entering roadway	20
M20	Failure to slow down at a railroad crossing and check tracks are clear	20
M21	Failure to stop before reaching tracks at a railroad-highway grade crossing when the tracks are not clear	20
M22	Failure to stop as required before driving onto railroad-highway grade crossing	20
M24	Fail to negotiate a railroad-highway grade crossing because of insufficient undercarriage clearance	20
M25	Failure to stop; basic rule at unsigned intersection or when entering roadway from private driveway, alley, etc.	20
M31	Failure to leave sufficient distance for overtaking by other vehicles	20
M34	Following too closely (Serious violation)	20
M40	Improper lane or location	20
M41	Failure to keep in proper lane	20
M42	Improper or erratic (unsafe) lane changes (Serious violation)	20
M44	Improper lane or location – crossover	20
M45	Improper lane or location – crosswalk	20
M46	Improper lane or location – entrance/exit ramp or way	10

M48	Improper lane or location – in occupied lane	20
M49	Improper lane or location – in human occupant violator or restricted lane	20
M50	Improper lane or location – limited access highway	10
M51	Improper lane or location – median	20
M57	Improper lane or location – oncoming traffic lane	20
M58	Improper lane or location – road shoulder, ditch, or sidewalk	20
M60	Improper lane or location – slower vehicle lane	20
M61	Improper lane or location – straddling center lines	20
M62	Improper lane or location – traveling in turn (or center) lane	20
M70	Improper passing	10
M71	Passing in violation of posted sign or pavement marking	20
M72	Passing in violation of opposite directions restrictions	10
M73	Passing on wrong side	20
M74	Passing on hill or curve	20
M75	Passing school bus displaying warning not to pass	25
M76	Passing where prohibited	20
M77	Passing with insufficient distance or visibility	20
M84	Reckless driving (Serious violation)	55
M85	Texting while driving (Serious violation)	10

M86	Using a handheld mobile telephone while driving (Serious violation)	10
N01	Failure to yield right of way	20
N03	Failure to yield right of way to cyclist	10
N04	Failure to yield right of way (i.e., ambulance, fire equipment, police, etc.)	15
N06	Failure to yield right of way to other vehicle	20
N07	Failure to yield right of way to overtaking vehicle	20
N08	Failure to yield right of way to pedestrian (includes handicapped or blind)	20
N09	Failure to yield right of way to school bus	20
N20	Failure to yield right of way at crosswalk	20
N21	Failure to yield right of way at rotary/roundabout/circular intersection	20
N22	Failure to yield right of way at stop sign	20
N23	Failure to yield right of way at traffic sign	20
N24	Failure to yield right of way at traffic signal	20
N25	Failure to yield right of way at unsigned intersection	15
N26	Failure to yield right of way at yield sign	20
N30	Failure to yield right of way when warning displayed on other vehicle	15
N31	Failure to yield right of way when turning	20

N40	Failure to use or improper signal	15
N42	Failure to signal intent to pass	15
N43	Failure to signal lane change or turn	15
N50	Improper turn	10
N51	Improper method of turning	10
N52	Improper position for turning	10
N53	Making improper left turn	10
N54	Making improper right turn	10
N55	Making improper turn around (not U turn)	10
N56	Making improper U turn	20
N60	Driving wrong way	5
N61	Driving wrong way at rotary/roundabout/circular intersection	5
N62	Driving wrong way on divided highway	5
N63	Driving wrong way on one way street or road	5
N70	Driving on wrong side	20
N71	Driving on wrong side of divided highway	20
N72	Driving on wrong side of undivided street or road	20
N82	Improper backing	10
N83	Improper start from a parked position	15

S01	01-05 mph over speed limit (detail optional)	5
S06	06-10 mph over speed limit (detail optional)	5
S14	11-14 mph over speed limit	15
S15	Speeding 15 mph or more over the speed limit (detail optional) (Serious violation)	20
S16	16-20 mph over speed limit (detail optional) (Serious violation)	20
S21	21-25 mph over speed limit (detail optional) (Serious violation)	20
S26	26-30 mph over speed limit (detail optional) (Serious violation)	50
S31	31-35 mph over the speed limit (detail optional) (Serious violation)	50
S36	36-40 mph over the speed limit (detail optional) (Serious violation)	50
S41	41 mph or more over the speed limit (detail optional) (Serious violation)	50
S51	01-10 mph over speed limit (detail optional)	5
S71	21-30 mph over speed limit (detail optional) (Serious violation)	20
S81	31-40 mph over speed limit (detail optional) (Serious violation)	50
S91	41 mph or more over speed limit (detail optional) (Serious violation)	50
S92	Speeding – speed limit and actual speed (detail required)	10

S93	Speeding	10
S94	Prima facie speed violation or driving too fast for conditions	10
S96	Speed less than minimum	5
S98	Speeding on freeway (wasting fuel)	10
U31	Violation resulting in fatal accident (Serious violation)	20

y) The following withdrawals will not be assigned points but will be entered on the driving record as Type Action -89- withdrawal:

ACD CODE	DESCRIPTION OF OFFENSE
A04	Driving under the influence of alcohol with BAC at or over .04
A08	Driving under the influence of alcohol with BAC at or over .08
A10	Driving under the influence of alcohol with BAC at or over .10
A11	Driving under the influence of alcohol with BAC at or over _____ (detail field required)
A12	Refused to submit to test for alcohol-Implied Consent Law
A20	Driving under the influence of alcohol or drugs
A21	Driving under the influence of alcohol
A22	Driving under the influence of drugs
A23	Driving under the influence of alcohol and drugs
A24	Driving under the influence of medication not intended to intoxicate
A25	Driving while impaired

A26	Drinking alcohol while operating a vehicle
A31	Illegal possession of alcohol
A33	Illegal possession of drugs (controlled substances)
A35	Possession of open alcohol container
A41	Driver violation of ignition interlock or immobilization device
A50	Motor vehicle used in the commission of a felony involving manufacturing, distributing, or dispensing a controlled substance
A60	Underage convicted of drinking and driving at .02 or higher BAC
A61	Underage Administrative Per Se – drinking and driving at .02 or higher BAC
A90	DUI at .10 Admin
A91	Administrative Per Se for blood alcohol concentration at ___
A94	DUI at .04 Admin
A98	DUI at .08 Admin
B01	Hit and run – failure to stop and render aid after accident
B02	Hit and run – failure to stop and render aid after accident – fatal accident
B03	Hit and run – failure to stop and render aid after accident – personal injury accident
B04	Hit and run – failure to stop and render aid after accident – property damage accident
B05	Leaving accident scene before police arrive
B06	Leaving accident scene before police arrive – fatal accident

B07	Leaving accident scene before police arrive – personal injury accident
B08	Leaving accident scene before police arrive – property damage accident
B14	Failure to reveal identity after fatal or personal injury accident
B19	Driving while out-of-service order is in effect and transporting 16 or more passengers, including the driver and/or transporting hazardous materials that require a placard
B20	Driving while license withdrawn
B21	Driving while license barred
B22	Driving while license cancelled
B23	Driving while license denied
B24	Driving while license disqualified
B25	Driving while license revoked
B26	Driving while license suspended
B27	Driving while license out of service order is in effect
B41	Possess or provide counterfeit or altered driver's license (includes DL, CDL and Instruction Permit) or ID
B51	Expired or no driver's license (includes DL, CDL and Instruction Permit)
B56	Driving a CMV without obtaining a CDL
B57	Driving a CMV without a CDL in the driver's possession
B61	Failed to file accident report
B63	Failed to file future proof of financial responsibility

B64	Failed to file insurance certification
B65	Failed to file medical certification/disability information
B74	Failed to show insurance certification
B78	Failed to show non-commercial driver's license (includes Instruction Permit)
B91	Improper classification or endorsement on driver's license (includes DL, CDL and Instruction Permit)
D02	Misrepresentation of identity or other facts on application for driver's license (includes DL, CDL and Instruction Permit)
D06	Misrepresentation of identity or other facts to obtain alcohol
D07	Possess multiple driver's licenses (includes DL, CDL and Instruction Permit)
D10	Manufacture or duplicate false driver's license (includes DL, CDL and Instruction Permit)
D16	Present or use improperly – driver's license (includes DL, CDL and Instruction Permit)
D27	Violate limited license conditions
D29	Violate restrictions of driver's license (includes DL, CDL and Instruction Permit)
D35	Failure to comply with financial responsibility law
D36	Failure to maintain required liability insurance
D37	Failure to pay for damages or make installment payment
D38	Failure to post security or obtain release from liability
D39	Unsatisfied judgment

D45	Failure to appear for trial or court appearance
D51	Failure to make required payment of child support
D53	Failure to make required payment of fines and costs
D56	Failure to answer a citation, pay fines, penalties and/or costs related to the original violation
D70	Driver's view obstructed
D72	Inability to control vehicle
D74	Operating a motor vehicle improperly because of drowsiness
D75	Operating a motor vehicle improperly due to physical or mental disability
D78	Perjury about the operation of a motor vehicle
E01	Operating without equipment as required by law
E02	Operating without brakes as required by law
E03	Operating without HAZMAT safety equipment as required by law
E04	Operating without HAZMAT placards/markings as required by law
E05	Operating without lights as required by law
E06	Operating without school bus equipment as required by law
E23	Use of radar or laser detector prohibited by law
E31	Defective brakes
E33	Defective HAZMAT safety devices
E34	Defective lights

E36	Defective school bus equipment
E37	Defective tires
E50	Failure to use equipment as required
E51	Failure to use brakes
E53	Failure to use HAZMAT safety devices as required
E55	Failure to use lights as required
E56	Failure to use school bus safety equipment as required
E57	Failure to use snow tires or chains as required
E70	Equipment used improperly or obstructed
E71	Brakes used improperly
F02	Child or youth restraint not used properly as required
F03	Motorcycle safety equipment not used properly as required
F04	Seat belt not used properly as required
F05	Carrying unsecured passengers in open area of vehicle
F06	Improper operation of or riding on a motorcycle
F34	Stopping, standing, or parking: obstructing or impeding traffic
F66	Unsafe condition of vehicle (no specified component)
M02	Failure to obey barrier
M03	Failure to obey construction or maintenance zone markers

M04	Failure to obey flagger
M05	Failure to obey lane markings or signal
M08	Failure to obey police or peace officer
M09	Failure to obey railroad highway traffic control device
M10	Failure to obey railroad traffic control device
M11	Failure to obey restricted lane
M12	Failure to obey safety zone
M13	Failure to obey school crossing guard
M14	Failure to obey sign or traffic control device
M15	Failure to obey stop sign
M16	Failure to obey traffic signal or light
M17	Failure to obey traffic signal
M18	Failure to obey warning light or flasher
M19	Failure to obey yield sign
M20	Failure to slow down at a railroad crossing and check tracks are clear
M21	Failure to stop before reaching tracks at a railroad-highway grade crossing when the tracks are not clear
M22	Failure to stop as required before driving onto railroad-highway grade crossing
M23	Failure to have sufficient space to drive completely through the highway crossing

M24	Failure to negotiate a railroad-highway grade crossing because of insufficient undercarriage clearance
M25	Failure to stop; basic rule at unsigned intersection or when entering roadway from private driveway, alley, etc.
M30	Following improperly
M31	Failure to leave sufficient distance for overtaking by other vehicles
M32	Following emergency vehicle unlawfully
M33	Following fire equipment unlawfully
M34	Following too closely
M40	Improper lane or location
M41	Failure to keep in proper lane
M42	Improper or erratic (unsafe) lane changes
M43	Ran off road
M44	Improper lane or location – crossover
M45	Improper lane or location – crosswalk
M46	Improper lane or location – entrance/exit ramp or way
M47	Improper lane or location – in bicycle lane
M48	Improper lane or location – in occupied lane
M49	Improper lane or location – in human occupant violator or restricted lane
M50	Improper lane or location – limited access highway
M51	Improper lane or location – median

M55	Improper lane or location – on rail or streetcar tracks
M56	Improper lane or location – on fire hose
M57	Improper lane or location – oncoming traffic lane
M58	Improper lane or location – road shoulder, ditch or sidewalk
M60	Improper lane or location – slower vehicle lane
M61	Improper lane or location – straddling center lines
M62	Improper lane or location – traveling in turn (or center) lane
M70	Improper passing
M71	Passing in violation of posted sign or pavement marking
M72	Passing in violation of opposite directions restriction
M73	Passing on wrong side
M74	Passing on hill or curve
M75	Passing school bus displaying warning not to pass
M76	Passing where prohibited
M77	Passing with insufficient distance or visibility
M80	Inattentive, careless or negligent driving
M81	Careless driving
M82	Inattentive driving
M83	Negligent driving

M84	Reckless driving
M85	Texting while driving
M86	Using a handheld mobile telephone while driving
N01	Failure to yield right of way
N02	Failure to yield right of way to animal rider or animal drawn vehicle
N03	Failure to yield right of way to cyclist
N04	Failure to yield right of way to emergency vehicle (i.e., ambulance, fire equipment, police, etc.)
N05	Failure to yield right of way to funeral procession, procession or parade
N06	Failure to yield right of way to other vehicle
N07	Failure to yield right of way to overtaking vehicle
N08	Failure to yield right of way to pedestrian (includes handicapped or blind)
N09	Failure to yield right of way to school bus
N20	Failure to yield right of way at crosswalk
N21	Failure to yield right of way at rotary/roundabout/circular intersection
N22	Failure to yield right of way at stop sign
N23	Failure to yield right of way at traffic sign
N24	Failure to yield right of way at traffic signal
N25	Failure to yield right of way at unsigned intersection
N26	Failure to yield right of way at yield sign

N30	Failure to yield right of way when warning displayed on other vehicle
N31	Failure to yield right of way when turning
N40	Failure to use signal or improper signal
N41	Failure to cancel directional signals
N42	Failure to signal intention to pass
N43	Failure to signal lane change
N44	Giving wrong signal
N50	Improper turn
N51	Improper method of turning
N52	Improper position for turning
N53	Making improper left turn
N54	Making improper right turn
N55	Making improper turn around (not U turn)
N56	Making improper U turn
N60	Driving wrong way
N61	Driving wrong way at rotary/roundabout/circular intersection
N62	Driving wrong way on divided highway
N63	Driving wrong way on one way street or road
N70	Driving on wrong side
N71	Driving on wrong side of divided highway

N72	Driving on wrong side of undivided street or road
N80	Coasting (operating with gears disengaged)
N82	Improper backing
N83	Improper start from parked position
N84	Unsafe operations
S01	01-05 mph above speed limit (detail optional)
S06	06-10 mph above speed limit (detail optional)
S14	11-14 mph over speed limit
S15	Speeding 15 mph or more above speed limit (detail optional)
S16	16-20 mph above speed limit (detail optional)
S21	21-25 mph above speed-limit (detail optional)
S26	26-30 mph above speed limit (detail optional)
S31	31-35 mph above speed limit (detail optional)
S36	36-40 mph above speed limit (detail optional)
S41	41 mph or more above speed limit (detail optional)
S51	01-10 mph above speed limit (detail optional)
S71	21-30 mph above speed limit (detail optional)
S81	31-40 mph above speed limit (detail optional)
S91	41 mph or more above speed limit (detail optional)

S92	Speeding; speed limit and actual speed (detail required)
S93	Speeding
S94	Prima facie speed violation or driving too fast for conditions
S95	Speed contest (racing) on road open to traffic
S96	Speed less than minimum
S97	Operating at erratic or suddenly changing speeds
S98	Speeding or freeway (wasting fuel)
U01	Fleeing or evading police or roadblock
U02	Resisting arrest
U03	Using motor vehicle in connection with a felony (not traffic offense)
U04	Using a motor vehicle in connection with a misdemeanor (not traffic offense)
U05	Using a motor vehicle to aid and abet a felon
U06	Vehicular assault
U07	Vehicular homicide
U08	Vehicular manslaughter
U09	Negligent homicide while operating a CMV
U10	Causing a fatality through the negligent operation of a CMV
U21	Illegal operation of emergency vehicle
U27	Vehicular feticide (first degree)

U28	Vehicular feticide (second degree)
U31	Violation resulting in fatal accident
W00	Withdrawal, non-ACD violation
W01	Accumulation of convictions (including point systems and/or being judged a habitual offender or violator)
W09	Failure to surrender hazmat endorsement as required by the USA Patriot Act
W13	Parental consent withdrawn
W14	Physical or mental disability
W15	Physician's or specialist's report recommended
W20	Unable to pass DL test(s) or meet qualifications
W27	Fail to make appointment to re-test within 30 days
W28	Failure to re-test or fail test(s)
W30	2 serious violations within 3 years
W31	3 serious violations within 3 years
W40	The accumulation of two or more major offenses
W41	An additional major offense after reinstatement
W45	Withdrawn for driving a CMV while disqualified for previous violations in a CMV
W50	The accumulation, within 10 years, of two out-of-service general violations
W51	The accumulation of two out-of-service order violations within 10 years when the second is while transporting 16 or more passengers, including the driver, and/or transporting hazardous materials that require a placard

W52	The accumulation of three or more out-of-service order violations within 10 years
W60	Accumulation of two railroad-highway grade crossing violations within a three year period
W61	Accumulation of three or more railroad-highway grade crossing violations in a three year period
W70	Imminent hazard
W72	Suspended pending final disposition
W80	Failed employer-directed drug test
W81	Refusal to submit to an employer-directed drug test
W82	Failure to surrender license or permit

(Source: Amended at 39 Ill. Reg. _____, effective _____)

AUDITOR GENERAL

NOTICE OF ADOPTED AMENDMENTS

1) Heading of the Part: Purchases and Contracts

2) Code Citation: 44 Ill. Adm. Code 500

3)

Section Numbers:	Adopted Action:
500.40	Amendment
500.300	Amendment
500.310	Amendment
500.320	Amendment
500.330	Amendment
500.340	Amendment
500.350	Amendment
500.395	Amendment
500.430	Amendment
500.600	Amendment
500.800	Amendment
500.910	Amendment
500.1000	Amendment
500.1020	Amendment
500.1030	Amendment
500.1110	Amendment
500.1130	Amendment
500.1180	Amendment
500.1200	Amendment
500.1210	Amendment
500.1215	Amendment
500.1217	Amendment
500.1218	Amendment
500.1220	Amendment
500.1235	Amendment
500.1250	Amendment
500.1260	Amendment
500.1265	Amendment
500.1267	Amendment
500.1270	Amendment
500.1275	Amendment
500.1330	Amendment

NOTICE OF ADOPTED AMENDMENTS

4) Statutory Authority: Implementing and authorized by Section 1-30(b) of the Illinois Procurement Code [30 ILCS 500/1-30(b)] and Section 2-12 of the Illinois State Auditing Act [30 ILCS 5/2-12]

5) Effective Date of Rule: March 1, 2015

6) Does this rulemaking contain an automatic repeal date? No

7) Does this rulemaking contain incorporations by reference? No

8) The adopted rule is on file at the Auditor General's Springfield Office and is available for public inspection.

9) Notice of Proposal published in the *Illinois Register*: December 5, 2014; 38 Ill. Reg. 22295

10) Has JCAR issued a Statement of Objection to this Rulemaking? No

11) Differences between Proposed and Final Version: Non-substantive technical changes were made at the request of JCAR.

12) Have all the changes agreed upon by the Agency and JCAR been made as indicated in the agreements issued by JCAR? Yes, see answer to question 11.

13) Will this rulemaking replace an emergency rule currently in effect? No

14) Are there any rulemakings pending on this Part? No

15) Summary and Purpose of Rulemaking: The Auditor General's purchasing rule was last updated effective April 1, 2013. The Illinois Procurement Code was amended by PA 98-1076, which was signed on August 26, 2014 and was effective January 1, 2015. The Auditor General has reviewed its Part in light of the amended law and is making some conforming changes and updates.

Changes include updating definitions, changing the timeframes for certain procurement actions, stating the method of computing days, increasing dollar thresholds for certain disclosures, increasing dollar thresholds for small businesses, and making other clarifying text changes throughout the rule.

AUDITOR GENERAL

NOTICE OF ADOPTED AMENDMENTS

16) Information and questions regarding this adopted rule shall be directed to:

Rebecca Patton
Office of the Auditor General
740 E. Ash St.
Springfield IL 62703

217/782-6046
888/261-2887 (TTY)

The full text of the Adopted Amendments begins on the next page:

AUDITOR GENERAL

NOTICE OF ADOPTED AMENDMENTS

TITLE 44: GOVERNMENT CONTRACTS, PROCUREMENT AND PROPERTY MANAGEMENT
SUBTITLE B: SUPPLEMENTAL PROCUREMENT RULES
CHAPTER I: AUDITOR GENERAL

PART 500
PURCHASES AND CONTRACTS

SUBPART A: GENERAL

Section
500.10 Title
500.20 Policy
500.30 Application
500.40 Definition of Terms Used in This Part
500.50 Property Rights
500.60 Department of Central Management Services
500.70 Capital Development Board

SUBPART B: PROCUREMENT AUTHORITY

Section
500.100 Conduct of Procurements
500.110 Small Business Specialist

SUBPART C: PUBLICIZING PROCUREMENT ACTIONS

Section
500.200 Auditor General Volume of Illinois Procurement Bulletin
500.210 Publication of Auditor General Bulletin
500.220 Required Use of Auditor General Bulletin
500.230 Supplemental Notice
500.240 Error in Notice
500.250 Direct Solicitation
500.260 Retention of Bulletin Information

SUBPART D: SOURCE SELECTION AND CONTRACT FORMATION

Section

AUDITOR GENERAL

NOTICE OF ADOPTED AMENDMENTS

500.300 General Provisions
500.310 Competitive Sealed Bidding
500.315 Multi-Step Sealed Bidding
500.320 Competitive Sealed Proposals
500.330 Small Purchases
500.340 Sole Economically Feasible Source Procurement
500.350 Emergency Procurements
500.360 Other Methods of Source Selection
500.370 Tie Bids and Proposals
500.380 Modification, Correction or Withdrawal of Offers
500.390 Cancellation of Solicitations; Rejection of Offers
500.395 Public Procurement File

SUBPART E: SUPPLIERS, PREQUALIFICATION AND RESPONSIBILITY

Section
500.400 Suppliers
500.410 Vendor List/Required Use
500.420 Prequalification
500.430 Responsibility

SUBPART F: BID, PROPOSAL AND PERFORMANCE SECURITY

Section
500.500 Security Requirements

SUBPART G: SPECIFICATIONS

Section
500.600 Specifications

SUBPART H: CONTRACT TYPE

Section
500.700 Types of Contracts

SUBPART I: DURATION OF CONTRACTS

Section

AUDITOR GENERAL

NOTICE OF ADOPTED AMENDMENTS

500.800 Duration of Contracts

SUBPART J: CONTRACT MATTERS

Section
500.900 Prevailing Wage
500.910 Filing with Comptroller
500.920 Equal Employment Opportunity; Affirmative Action

SUBPART K: REAL PROPERTY LEASES AND CAPITAL IMPROVEMENT LEASES

Section
500.1000 Applicability
500.1010 Method of Source Selection
500.1015 Historic Area Preference
500.1020 Request for Information
500.1030 Lease Requirements
500.1040 Purchase Option
500.1050 Rent Without Occupancy
500.1060 Local Site Preferences

SUBPART L: PREFERENCES

Section
500.1110 Resident Vendor Preference
500.1120 Soybean Oil-based Ink
500.1130 Recycled Supplies
500.1140 Recyclable Supplies
500.1145 Environmentally Preferable Procurement
500.1148 Biobased Products
500.1150 Correctional Industries
500.1160 Qualified Not-for-Profit Agencies for Persons with Severe Disabilities
500.1170 Gas Mileage
500.1180 Small Business
500.1190 Contracting with Businesses Owned and Controlled by Minorities, Females and Persons with Disabilities
500.1195 Illinois Agricultural Products
500.1197 Corn-based Plastics
500.1199 Disabled Veterans

AUDITOR GENERAL

NOTICE OF ADOPTED AMENDMENTS

SUBPART M: ETHICS

Section
500.1200 Bribery
500.1210 Felons
500.1215 Prohibited Bidders and Contractors
500.1217 Debt Delinquency
500.1218 Collection and Remittance of Illinois Use Tax
500.1220 Conflicts of Interest
500.1230 Negotiations for Future Employment
500.1235 Environmental Protection Act Violations
500.1238 Lead Poisoning Prevention Act Violations
500.1240 Revolving Door Prohibition
500.1250 Disclosure of Financial Interests and Potential Conflicts of Interest
500.1260 Reporting Anticompetitive Practices
500.1265 Disclosure of Business in Iran
500.1267 Lobbying Restrictions
500.1270 Confidentiality
500.1275 Procurement Communications Reporting Requirement
500.1280 Insider Information
500.1285 Continuing Disclosure; False Certification
500.1290 Other Violations

SUBPART N: PROTESTS AND REMEDIES

Section
500.1300 Suspension and Debarment
500.1310 Resolution of Contract Controversies (Repealed)
500.1320 Violation of Law or Rule
500.1330 Protests
500.1340 Hearing Procedures

SUBPART O: GOVERNMENTAL JOINT PURCHASING

Section
500.1400 General
500.1410 No Agency Relationship

AUDITOR GENERAL

NOTICE OF ADOPTED AMENDMENTS

SUBPART P: MISCELLANEOUS PROVISIONS OF GENERAL APPLICABILITY

Section
500.1500 Severability
500.1510 Finality of Determinations
500.1520 Government Furnished Property
500.1530 Inspections
500.1540 Records and Audits
500.1545 Taxes, Licenses, Assessments and Royalties
500.1550 No Waiver of Sovereign Immunity

AUTHORITY: Implementing and authorized by Section 1-30(b) of the Illinois Procurement Code [30 ILCS 500/1-30(b)] and Section 2-12 of the Illinois State Auditing Act [30 ILCS 5/2-12].

SOURCE: Old Part repealed and new Part adopted at 24 Ill. Reg. 1836, effective February 7, 2000; amended at 35 Ill. Reg. 5307, effective April 1, 2011; amended at 37 Ill. Reg. 3741, effective April 1, 2013; amended at 39 Ill. Reg. 3561, effective March 1, 2015.

SUBPART A: GENERAL

Section 500.40 Definition of Terms Used in This Part

As used throughout this Part, each term listed in this Section shall have the meaning set forth below unless its use clearly requires a different meaning. Terms may be defined in particular Sections for use in that Section.

"Amendment" − A written modification to a contract provision, as permitted by the original contract.

"Award" − The determination that a particular vendor has been selected from among other potential vendors to enter into negotiations for the purpose of finalizing a contract.

"Bid" − The response to an Invitation for Bids.

"Bidder" − The person or entity submitting a bid.

"Brand Name or Equal Specification" − A specification that uses one or more

manufacturer's names or catalog numbers to describe the standard of quality, performance, and other characteristics needed to meet OAG requirements, and that allows the submission of equivalent products.

"Brand Name Specification" − A specification limited to one or more items by manufacturers' names or catalog numbers.

"CMS" − The Department of Central Management Services.

"Code" − The Illinois Procurement Code [30 ILCS 500].

"Consulting Services" − Services provided by a business or person as an independent contractor to advise and assist the OAG in solving specific management or programmatic problems involving the organization, planning, direction, control or operations of a State agency. The services may or may not rise to the level of professional and artistic as defined in this Part.

"Contract" − *All types of State agreements, ~~including change orders and renewals,~~ regardless of what they may be called, for the procurement, use, or disposal of supplies, services, professional or artistic services, or construction or for leases of real property where the State is the~~, whether the State is lessor or~~ lessee, or capital improvements, and including renewals, master contracts, contracts for financing through use of installment or lease-purchase arrangements, renegotiated contracts, amendments to contracts, and change orders.* [30 ILCS 500/1-15.30] The term contract as used in this Part does not include supplies or services the terms governing which are established by tariff of the Illinois Commerce Commission or the Federal Communications Commission and for which there is no authorized competition.

"Contractor" or "Vendor" − The terms contractor and vendor are used interchangeably for purposes of this Part. When appropriate, the term "vendor" shall also include subcontractors.

"Day" − Calendar day. In computing any period of time, the day of the event from which the designated period of time begins to run shall not be included, but the last day of the period shall be included unless it is a Saturday, Sunday, or a State holiday, in which event the period shall run to the end of the next business day.

"Invitation for Bids" or "IFB" − The process by which the OAG requests information from bidders, including all documents, whether attached or incorporated by reference, used for soliciting bids.

"Items" − Anything that may be procured under this Part.

"OAG" − The Office of the Auditor General.

"Offer" − A bid, proposal or response solicited by the OAG.

"Offeror" − The person or entity submitting a bid, proposal or response solicited by the OAG. A person or entity (other than an individual acting as a sole proprietor) may qualify as a bidder or offeror only if the person or entity is a legal entity authorized to do business in Illinois prior to submitting the bid, offer or proposal.

"Procurement Officer" − One or more OAG employees who serve at the direction of the Chief Procurement Officer of the OAG (CPO) and are responsible for conducting OAG procurement activity.

"Proposal" − The response to a Request for Proposals.

"Proposer" − The person or entity submitting a proposal.

"Qualified Products List" − An approved list of supplies described by model or catalog numbers that, prior to competitive solicitation, the OAG has determined will meet the applicable specification requirements.

"Request for Information" or "RFI" − The process by which the OAG requests information from offerors for OAG contracts for leases of real property or capital improvements.

"Request for Proposals" or "RFP" − The process by which the OAG requests information from offerors, including all documents, whether attached or incorporated by reference, used for soliciting proposals.

"Respondent" − The person or entity submitting a response to a Request for Information from the OAG.

"Response" − A response to a Request for Information.

"Responsible Offeror" − A person or entity that is capable in all respects of performing fully the contract requirements and has the integrity and reliability that will assure good faith performance. A responsible bidder or offeror shall not include a business or other entity that does not exist as a legal entity at the time a bid, proposal or offer is submitted for a State contract.

"Responsive Offeror" − A person or entity that has submitted an offer conforming in all material respects to the solicitation.

"Service" − The furnishing of labor, time, or effort by a contractor, not involving the delivery of a specific end product other than reports or supplies that are incidental to the required performance and the financing thereof.

"Solicitation" − An Invitation for Bids, Request for Proposals or Request for Information.

"Specification for a Common or General Use Item" − A specification that has been developed and approved for repeated use in procurements.

"Specifications" − *Any description, provision, or requirement pertaining to the physical or functional characteristics or of the nature of a supply, service, or other item to be procured under a contract. Specifications may include a description of any requirement for inspecting, testing, or preparing a supply, service, professional or artistic service, construction, or other item for delivery.* [30 ILCS 500/1-15.95]

"Subcontract" – A contract with a total value of more than $50,000 ~~or more~~ between a person or entity and another person or entity who has a State contract, pursuant to which the subcontractor provides to the contractor, or, if the subcontract price is more than $50,000 ~~or more~~, another subcontractor some or all of the goods, services, real property, remuneration or other monetary forms of consideration that are the subject of the primary contract and includes, among other things, subleases from a lessee of a State agency. For purposes of this Part, a "subcontract" does not include purchases of goods or supplies that are incidental to the performance of a contract by a person who has a contract subject to this Part.

"Subcontractor" – A person or entity that enters into a contractual agreement with a total value of more than $50,000 ~~or more~~ with a person or entity who has a contract with the OAG pursuant to which the person or entity provides some or all of the goods, services, real property, remuneration or other monetary forms of consideration that are the subject of the primary OAG contract, including subleases from a lessee of a State contract. For purposes of this Part, a person or entity is not a "subcontractor" if that person only provides goods or supplies that are incidental to the performance of a contract by a person who has a contract subject to this Part.

"Supplier" – Any person or entity providing supplies, including, but not limited to, equipment, materials, printing, and insurance, and the financing of those supplies that can be procured regularly or are available on the commercial market.

"Supplies" − All personal property, including but not limited to equipment, materials, printing, and insurance, and the financing of those supplies that can be procured regularly or are available on the commercial market.

(Source: Amended at 39 Ill. Reg. 3561, effective March 1, 2015)

SUBPART D: SOURCE SELECTION AND CONTRACT FORMATION

Section 500.300 General Provisions

a) Late Offers, Late Withdrawals and Late Modifications

1) Any bid, proposal, modification or withdrawal received after the time and date for receipt, or at other than the specified location, is late. A submission that is delivered to the wrong location but that is subsequently delivered to the correct location by the date and time specified shall be considered, but the OAG shall not be responsible for ensuring subsequent delivery of misdelivered items. Delivery at the specified location and time shall be the sole responsibility of the offeror.

2) No late offer, late modification, or late withdrawal will be considered unless the CPO, and not a designee, determines it would have been timely but for the action or inaction of OAG personnel directly serving the procurement activity (e.g., providing the wrong address). It is the responsibility of the offeror to ensure delivery at the time and to the place

specified. Vendors submitting a late response will be notified and given the opportunity to retrieve the submission at their cost. Late submissions not returned to the vendor will be destroyed after all related procurement activity is complete and the resulting contract has been executed.

3) Records shall be made and, in accordance with OAG policy, kept for each late offer, late modification, or late withdrawal.

4) Any other submission that has a time or date deadline shall be treated in the same manner as a late offer.

b) Extension of Time

1) The Procurement Officer may, prior to the date or time for submitting or modifying an offer, extend the date or time for the convenience of the OAG.

2) After opening offers, the Procurement Officer may request offerors who submitted timely offers to extend the time during which the OAG may accept the offers, provided that, with regard to bids, no other change is permitted. This extension does not provide an opportunity for others to submit offers.

3) Unless otherwise provided in the solicitation, the vendor's offer must be kept firm for at least 30 calendar days after the opening date.

c) Electronic and Facsimile Submissions

1) The solicitation may state that electronic and fax machine submissions will be considered if they are received at the designated location by the time and date set for receipt. Any required attachments will be submitted as stated in the solicitation.

2) Electronic submissions authorized by specific language in the solicitation will be opened in accordance with OAG electronic security measures in effect at the time of opening. Unless the electronic submission procedures provide for a secure receipt, vendor assumes risk of premature disclosure due to submission in unsealed form.

3) Fax submissions authorized by specific language in the solicitation will be placed in a sealed container upon receipt and opened with other submissions. Vendor assumes risk of premature disclosure due to submission in unsealed form.

d) Intent to Submit
The solicitation may require that vendors submit, by a certain time and date, a notice of their intent to submit an offer in response to the solicitation. Offers submitted without complying with the notice of intent requirement may be rejected.

e) Only One Offer Received
If only one offer is received, and if it meets all material requirements, an award may be made to the single offeror if the Procurement Officer finds that the price submitted is fair and reasonable, and that other prospective offerors had reasonable opportunity to respond, or there is not adequate time for resolicitation. Otherwise, the procurement may be canceled.

f) Alternate or Multiple Offers

1) Alternate offers may be accepted if:

A) permitted by the solicitation and in accordance with instructions in the solicitation; or

B) only one vendor responded, in which case the alternate submission may be evaluated and treated in accordance with Section 500.340 (Sole Economically Feasible Source Procurement) of this Part; or

C) the low offeror, who has met all requirements of the solicitation, has provided a lower cost alternative that meets all of the material requirements of the solicitation.

2) Multiple offers may be accepted if permitted by the solicitation and submitted in accordance with instructions in the solicitation.

g) Multiple Items
A solicitation may call for pricing of multiple items of similar or related type. Award shall be as specified in the solicitation based on an individual line item, a

group total of certain items, a core list, a "market basket" of related items representative of the total requirement, a grand total of all items, or other grouping method.

h) "All or None" Offers
All or none offers may be accepted if the evaluation shows an all or none award to be the lowest cost or best value of those submitted.

i) Conditioning Offers Upon Other Awards
Any offer that is conditioned upon receiving award of the particular contract being solicited and one or more other State contracts shall be rejected.

j) Unsolicited Offers
An award may not be made based on an unsolicited offer in place of the notice and competition requirements of this Part.

k) Clarification of Offers
The Procurement Officer may request that a vendor clarify its offer as a part of the evaluation process. A vendor shall not be allowed to materially change its offer in response to a request for clarification. A clarification is not an opportunity to make material changes or for submission of best and finals as authorized elsewhere in this Part.

l) Assignment, Novation or Change of Name

1) Assignment. No OAG contract is transferable, or otherwise assignable, without the written consent of the Procurement Officer, provided, however, that a vendor may assign money receivable under a contract after due notice to the OAG. Assignment may require the execution of a contract with the assignee and in such cases the assignee must meet all requirements for contracting with the OAG. Any purported assignment without prior written consent shall be null and void.

2) Recognition of a Successor in Interest; Novation. When in the best interest of the State, a successor in interest may be recognized in a novation agreement in which the transferor and the transferee agree that:

A) the transferee assumes all of the transferor's obligations;

B) the transferee meets all requirements for contracting with the OAG;

C) the transferor waives all rights under the contract as against the OAG; and

D) unless the transferor guarantees performance of the contract by the transferee, the transferee shall, if required by the OAG, furnish a satisfactory performance bond.

3) Change of Name. A vendor may submit a written request to change the name in which it holds a contract with the OAG. The name change shall not alter any of the terms and conditions of the contract or the obligations of the vendor.

m) Use of Source Selection Method that is Not Required
If a method of source selection is used that it is not, by law, required (e.g., use of a competitive sealed bid for a small purchase), compliance with the rules governing the method of source selection used is required.

n) Vendor Signature
An offer submitted unsigned will be evaluated if the vendor submits a written signature acceptable to the Procurement Officer within the time specified by that officer.

o) Stringing
Dividing or planning procurements to avoid use of competitive procedures (stringing) is prohibited.

p) Confidential Data
Vendors must clearly identify in writing, by page and paragraph, any information submitted to the OAG claimed to be exempt from the disclosure requirement of the Illinois Freedom of Information Act (FOIA) [5 ILCS 140] and must identify the basis of the claimed exemption and show how that basis applies to the request for exemption. Information submitted without a claim of exemption may be disclosed to the public without notice or permission. Information submitted with a claimed exemption may still be disclosed to the public if determined by the OAG, or other appropriate party, that the claimed exemption does not meet the requirements for withholding the information under FOIA. The OAG will

attempt to provide reasonable notice and opportunity to object to the vendor prior to disclosure of any material claimed by the vendor to be exempt from FOIA.

q) Notice of Subcontractor
Any contract entered into under this Part shall state whether the services of a subcontractor will be used. The contract shall include the name and address~~names and addresses~~ of each subcontractor having a subcontract with an annual value of more than $50,000, the general type of work to be performed by each subcontractor,~~all known subcontractors~~ and the expected amount of money each will receive under the contract. If, at any time during the term of a contract, a contractor desires to add~~adds~~ or change~~changes~~ any subcontractor having a subcontract with an annual value of more than $50,000~~subcontractors~~, the contractor shall promptly notify, in writing, the Procurement Officer of the name and address~~names and addresses~~ of the proposed subcontractor, the general type of work to be performed by the proposed subcontractor,~~each new or replaced subcontractor~~ and the expected amount of money each new or replaced subcontractor will receive under the contract. Upon request of the Procurement Officer, the contractor shall provide the Procurement Officer with a copy of any new or amended subcontract ~~with an annual value of $50,000 or more~~ within 15 calendar days after the request is made. A subcontractor, or contractor on behalf of a subcontractor, may identify information that is deemed proprietary or confidential. If the Procurement Officer determines the information is not relevant to the primary contract, the Procurement Officer may excuse the inclusion of the information. If the Procurement Officer determines the information is proprietary or could harm the business interest of the subcontractor, the Procurement Officer may, in his or her discretion, redact the information. Redacted information shall not become part of the public record.

r) Reverse Auction

1) Use. The CPO, or his or her designee, may procure supplies or services through a competitive electronic auction bidding process if the CPO determines that the use of such a process will be in the best interest of the State.

2) Process. An invitation for bids shall be issued and shall include a procurement description, all material contractual terms, whenever practical, and conditions applicable to the procurement, including a notice that bids will be received in an electronic auction manner. Bids shall be

accepted electronically at the time and in the manner designated in the invitation for bids. During the auction, a bidder's price shall be disclosed to other bidders. Bidders shall have the opportunity to reduce their bid prices during the auction.

3) Notice. Public notice of the electronic auction bidding process shall be published in the Auditor General Bulletin at least 14 calendar days before the date set for the opening of bids. At the conclusion of the auction, the record of the bid prices received and the name of each bidder shall be open to public inspection.

4) Award. The contract shall be awarded within 60 calendar days after the auction by written notice to the lowest responsible bidder, or all bids shall be rejected. Extension of the date for award may be made by mutual written consent of the Procurement Officer and the lowest responsible bidder.

5) Prohibition. This subsection (r) does not apply to procurements of professional and artistic services, telecommunications services, communication services or information services, or contracts for construction projects.

s) Incorporation by Reference
A solicitation may incorporate documents by reference provided that the solicitation specifies where the documents can be obtained.

t) Computation of Days
The time within which any act provided in this Part is to be done shall be computed by excluding the first day and including the last, unless the last day is Saturday or Sunday or is a holiday, and then it shall also be excluded. If the day succeeding a Saturday, Sunday, or holiday is also a holiday, a Saturday, or a Sunday, then that succeeding day shall also be excluded. For the purposes of this Part, "holiday" means: New Year's Day; Dr. Martin Luther King, Jr.'s Birthday; Lincoln's Birthday; President's Day; Memorial Day; Independence Day; Labor Day; Columbus Day; Veterans' Day; Thanksgiving Day; Christmas Day; and any other day from time to time declared by the President of the United States or the Governor of Illinois to be a day during which the agencies of the State of Illinois that are ordinarily open to do business with the public (e.g., the biennial General Election Day) shall be closed for business.

(Source: Amended at 39 Ill. Reg. 3561, effective March 1, 2015)

Section 500.310 Competitive Sealed Bidding

a) Application
Competitive sealed bidding is the required method of source selection except as allowed by this Part. The provisions of this Section apply to every procurement required to be conducted by competitive sealed bidding.

b) The Invitation for Bids

1) Use. The Invitation for Bids (IFB) is used to initiate a competitive sealed bid procurement.

2) Content. The IFB shall include, at a minimum, the following:

A) instructions and information to bidders concerning the bid submission requirements, including the time and date set for receipt of bids, the address of the office to which bids are to be delivered, and the maximum time for bid acceptance;

B) the purchase description, evaluation factors, delivery or performance schedule, and such inspection and acceptance requirements as are not included in the purchase description; and

C) the contract terms and conditions, including warranty and bonding or other security requirements, as applicable.

3) Incorporation by Reference. The IFB may incorporate documents by reference provided that the IFB specifies where such documents can be obtained.

c) Bidding Time
Bidding time is the period of time between the date of notice or distribution of the IFB and the time and date set for receipt of bids. In each case, bidding time will be set to provide bidders a reasonable time to prepare their bids. A minimum of 14 calendar days shall be provided unless a shorter time is authorized by this Part.

d) Bidder Submissions
Bid Form. The IFB may include a form or format for submitting bids. If a form or format is specified, vendor shall submit bids as instructed.

e) Public Notice

1) Publication. Every new procurement for supplies and services in excess of the small purchase amount that must be procured using an IFB shall be publicized in the Auditor General Bulletin at least 14 calendar days before the date set for bid opening.

2) Public Availability. A copy of the IFB shall be made available for public inspection.

3) Distribution. IFBs or Notices of the Availability of Invitations for Bids may be mailed or otherwise furnished to a sufficient number of bidders for the purpose of securing competition. Notices of Availability shall, at a minimum, indicate where the IFB may be obtained, generally describe what is needed, and indicate the due date for bids. Where appropriate, the Procurement Officer may require payment of a fee or a deposit for supplying the IFB.

f) Pre-Bid Conference
Pre-bid conferences may be conducted to enhance understanding of the procurement requirements. The pre-bid conference shall be announced as part of the IFB or, if the IFB has been issued, to all prospective bidders known to have received an IFB. The conference may be designated as attendance mandatory or attendance optional. The conference should be held long enough after the IFB has been issued to allow bidders to become familiar with it, but sufficiently before bid opening to allow consideration of the conference results in preparation of bids. Nothing stated at the pre-bid conference shall change the IFB unless a change is made by written amendment to the IFB.

g) Amendments to Invitations for Bids

1) Form. Amendments to IFBs shall be clearly identified and shall reference the portion of the IFB being amended.

2) Distribution. Amendments shall be made available to all prospective

bidders known to have received an IFB or, if a conference was held and attendance was mandatory, only to those prospective bidders who attended.

3) Timeliness. Amendments shall be made available within a reasonable time to allow prospective bidders to consider them in preparing their bids. If the time and date set for receipt of bids will not permit such preparation, the amendment shall extend the response time. If necessary, the response time may be extended by e-mail, fax or telephone and confirmed in the amendment.

h) Pre-Opening Modification or Withdrawal of Bids

1) Procedure. Bids may be modified or withdrawn by written notice received in the office designated in the IFB prior to the time and date set for bid opening.

2) Disposition of Bid Security. If a bid is withdrawn in accordance with this Section, the bid security, if any, shall be returned to the bidder.

3) Records. All documents relating to the modification or withdrawal of bids shall be made a part of the appropriate procurement file.

i) Receipt, Opening and Recording of Bids

1) Receipt. Upon its receipt, each bid and modification shall be time-stamped but not opened and shall be stored in a secure place until the time and date set for bid opening. If a bid is opened in error, the file shall so state.

2) Opening and Recording

A) Bids and modifications shall be opened publicly at the time, date, and place designated in the IFB. Opening shall be witnessed by a State employee or any other person present, but the person opening bids shall not serve as witness. The name of each bidder, the bid price, and such other information as is deemed appropriate by the Procurement Officer shall be recorded and the name of each bidder read aloud or otherwise made available. The name of the witness

shall also be recorded at the opening.

B) All bids, except as otherwise provided in subsection (i)(3) of this Section, and the bid record, shall be available for public inspection after award.

3) Confidential Data. The Procurement Officer shall examine the bids to determine the validity of any written requests for nondisclosure of trade secrets or other proprietary data. If the parties do not agree as to the disclosure of data or other information, the bid shall be rejected as nonresponsive.

j) Bid Evaluation and Award

1) General. The contract is to be awarded to the lowest responsible and responsive bidder whose bid meets the requirements and criteria set forth in the IFB, except as permitted by this Part. The IFB shall set forth the requirements and criteria that will be used to determine the lowest responsive bidder. No bid shall be evaluated for any requirements or criteria that are not disclosed in the IFB.

2) Responsibility. Responsibility of prospective vendors is covered by Section 500.430 (Responsibility) of this Part.

3) Responsiveness. A bid must conform in all material respects to the IFB.

A) Product or Service Acceptability. The IFB shall set forth any evaluation criteria to be used in determining product or service acceptability. It may require the submission of bid samples, descriptive literature, technical data, references, licenses, or other information or material. It may also provide for accomplishing any of the following prior to award:

i) inspection or testing of a product or service prior to award for such characteristics as quality or workmanship;

ii) examination of such elements as appearance, finish, taste, or feel;

iii) other examinations to determine whether it conforms with any other purchase description requirements.

B) The acceptability evaluation is not conducted for the purpose of determining whether one bidder's product or service capability is superior to another, but only to determine that a bidder's offering is acceptable as set forth in the IFB. Any bidder's offering that does not meet the acceptability requirements shall be rejected.

4) Determination of Lowest Bidder. Following determination of product or service acceptability as set forth in this subsection (j), bids will be evaluated to determine which bidder offers the lowest cost to the OAG in accordance with the evaluation criteria set forth in the IFB. Only objectively measurable criteria that are set forth in the IFB shall be applied in determining the lowest bidder. Examples of such criteria include, but are not limited to, transportation cost, administrative cost, and ownership or life-cycle cost formulas. Evaluation factors need not be precise predictors of actual future costs, but to the extent possible such evaluation factors shall be reasonable estimates based upon information the OAG has available concerning future use and shall provide for the equitable treatment of all bids.

5) Price Negotiation. Negotiations are permitted with the low bidder to obtain a lower price for the item bid.

k) Documentation of Award
Following award, a record showing the successful bidder shall be made a part of the procurement file.

l) Award to Other Than Low Bidder

1) The Procurement Officer may award to other than the lowest responsible and responsive bidder upon a written determination that award to another bidder is in the State's best interest. A description of the agency's needs, a determination that the anticipated cost will be fair and reasonable, a listing of all responsible and responsive bidders, and the name of the bidder selected, pricing, and the reasons for selecting this bidder instead of the low bidder must be published in the Auditor General Bulletin.

2) This action may be appropriate when the difference in quality or speed of delivery is so great as compared to the difference in price, and considering the OAG's needs, that a best value award is justified. However, if the difference in price is significant, the Procurement Officer may not utilize this provision.

m) Publicizing Award
The successful bidder shall be notified of award and such notification may be in the form of a letter, purchase order or other clear communication. Notice of award shall be issued by either paper or electronic means~~electronically~~ to all offerors submitting responses to the solicitation and published in the Auditor General Bulletin prior to contract execution~~ no later than the next business day following award~~.

(Source: Amended at 39 Ill. Reg. 3561, effective March 1, 2015)

Section 500.320 Competitive Sealed Proposals

a) The Competitive Sealed Proposal method of source selection shall be used to procure professional and artistic services, except as otherwise provided in subsection (b) of this Section. Other supplies and services may be procured through the Competitive Sealed Proposal method of source selection, on a case-by-case basis, when it is determined by the Procurement Officer that competitive sealed bidding is either not practicable or advantageous.

1) "Professional and artistic services" means those services provided under contract to a State agency by a person or business, acting as an independent contractor, qualified by education, experience, and technical ability [30 ILCS 500/1-15.60].

2) "Practicable" Distinguished from "Advantageous". As used in this Section, "practicable" denotes what may be accomplished or put into practical application, and "advantageous" connotes a judgmental assessment of what is in the State's best interest. Competitive sealed bidding may be practicable, that is, reasonably possible, but not necessarily advantageous, that is, in the State's best interest.

A) Factors to be considered in determining whether competitive sealed bidding is not practicable include:

i) whether the contract needs to be other than a fixed-price type;

ii) whether oral or written discussions may need to be conducted with offerors concerning technical and price aspects of their proposals;

iii) whether offerors may need to be afforded the opportunity to revise their proposals, including price;

iv) whether award may need to be based upon a comparative evaluation, as stated in the RFP, of differing price, quality, and contractual factors in order to determine the most advantageous offering to the State. Quality factors include technical and performance capability and the content of the technical proposal; and

v) whether the primary consideration in determining award may not be price.

B) Factors to be considered in determining whether competitive sealed bidding is not advantageous include:

i) if prior procurements indicate that competitive sealed proposals may result in more beneficial contracts for the State; and

ii) whether the factors listed in subsection (a)(2)(A) of this Section are desirable, in conducting a procurement, rather than necessary.

b) All new procurements of professional and artistic services shall be made using the procedures contained in this Section, except:

1) Procurements under Section 500.330 (Small Purchases);

2) Procurements under Section 500.340 (Sole Source Procurement);

3) Procurements under Section 500.350 (Emergency Procurements);

4) Procurements of contract audit services pursuant to subsection (c) of this Section; and

5) Procurements subject to the Architectural, Engineering and Land Surveying Qualifications Based Selection Act [30 ILCS 535].

c) Contract Audit Rotation

1) Auditor Retention Policy. Initial audits by a contractor involve audit hours to identify key records and personnel, become familiar with agency operations and the electronic data processing environment, determine what internal controls and procedures are in place, and develop agency specific audit programs. Retaining a contractor for successive audits of the same agency generally allows audits to be conducted more economically, efficiently and effectively, and minimizes audit effort by both the contractor and the agency under audit. Professional auditing standards generally recognize the importance of an auditor retention policy.

2) Rotation Policy. To maximize the efficiencies obtained by auditor retention, it is the OAG's general policy, subject to the OAG's sole discretion, to maintain the same contractor on an audit engagement for six successive fiscal years, subject to an examination of such factors including but not limited to performance review, the satisfactory negotiation of terms (including price) and the annual availability of an appropriation.

3) Emergency Purchases. The term of a contract for audit or examination services procured in compliance with the emergency purchase provisions of Section 500.350 shall not be limited to 90 calendar days but shall be valid until the completion of the audit or examination to which the contract relates.

d) Contents
The RFP shall be in the form specified by the Procurement Officer and shall contain at least the following information:

1) instructions and information to proposers concerning the proposal submission requirements, including the time and date set for receipt of

proposals, and the address of the office to which proposals are to be delivered;

2) the purchase description, evaluation factors, delivery or performance schedule, and such inspection and acceptance requirements as are not included in the purchase description;

3) a statement of the minimum information that the proposal shall contain, which may, by way of example, include:

A) the name of the offeror, the location of the offeror's principal place of business and, if different, the place of performance of the proposed contract;

B) the abilities, qualifications, and experience of key persons who would be assigned to provide the required services;

C) a listing of other contracts under which services similar in scope, size, or discipline to the required services were performed or undertaken within a previous period of time, as specified in the RFP;

D) a plan, giving as much detail as is practical, explaining how the services will be performed; and

4) price (to be submitted in a separate envelope in the proposal package and not mentioned elsewhere in the proposal package).

e) Prequalification
The Procurement Officer shall maintain a list of prequalified professional and artistic vendors in accordance with Section 500.420 of this Part. Persons may amend statements of qualifications at any time by filing a new statement. Failure of a professional and artistic vendor to prequalify shall not be cause for rejection of a proposal provided that the responsive offeror supplies with its proposal all information defined by the prequalification process.

f) Public Notice

1) Proposals shall be obtained by issuing an RFP. Notice of Intent to Issue

an RFP may be made by the Procurement Officer.

2) Availability of the RFP shall be published in the Auditor General Bulletin at least 14 calendar days before proposals are due.

3) The RFP shall also be distributed to prequalified persons expressing interest in performing the services required by the proposed contract.

g) Pre-Proposal Conference
A pre-proposal conference, if appropriate, shall be conducted in accordance with Section 500.310(f) (Pre-Bid Conference). Such a conference may be held anytime prior to the date established for submission of proposals.

h) Receipt and Registration of Proposals
Proposals shall not be opened publicly but shall be opened in the presence of at least one witness. Proposals and modifications shall be time-stamped upon receipt and held in a secure place until the established due date. After the date established for receipt of proposals, a Register of Proposals shall be prepared which shall include for all proposals the name of each offeror, the number of modifications received, if any, and a description sufficient to identify the supply or service offered. All proposals, except as otherwise provided in subsection (i) of this Section, and the Register of Proposals, shall be available for public inspection after award.

i) Confidential Data
The Procurement Officer shall examine the proposals to determine the validity of any written requests from the vendor for nondisclosure of trade secrets or other proprietary data. If the parties do not agree as to the disclosure of data or other information, the proposal shall be rejected as non-responsive.

j) Evaluation of Proposals
The requests for proposals shall state the relative importance of price and other evaluation factors. Proposals shall be submitted in 2 parts: the first, covering items except price, and the second, covering price. The first part of all proposals shall be evaluated and ranked independently of the second part of all proposals. Factors not specified in the RFP shall not be considered. Numerical rating systems may be used but are not required.

k) Discussions

1) Discussions Permissible.

A) The Procurement Officer may conduct discussions with any offeror to:

i) promote understanding of the OAG's requirements and the offerors' proposals;

ii) determine in greater detail such offeror's qualifications;

iii) explore with the offeror the scope and nature of the required services, the offeror's proposed method of performance, and the relative utility of alternative methods of approach; and

iv) facilitate arriving at a contract that will be most advantageous to the OAG, taking into consideration price and the other evaluation factors set forth in the RFP.

B) The Procurement Officer may allow changes to the proposal based on those discussions.

2) No Disclosure of Information. Discussions shall not disclose any information derived from proposals submitted by other offerors, and information contained in any proposals shall not be disclosed until after award of the proposed contract has been made.

3) Best and Final Offers. The Procurement Officer may request best and final offers from those offerors deemed acceptable after completion of any discussions. Best and final offers shall be submitted by a specified date and time. The Procurement Officer may conduct additional discussions or change the OAG's requirements and require another submission of best and final offers. The scope of the best and final and the number of offerors allowed to participate shall be defined by the Procurement Officer. If an offeror does not submit either a notice of withdrawal or another best and final offer, that offeror's immediately previous offer will be construed as its best and final offer.

4) Nothing in this Section shall prohibit the Procurement Officer from making a selection that represents the best value, qualifications, price and other relevant factors established in the RFP being considered. The Procurement Officer may, in considering best value, determine the proposal from a fully qualified vendor that submitted the lowest price to be the best value without further evaluation.

l) Award
An award shall be made by the Procurement Officer pursuant to a written determination showing the basis on which the award was found to be most advantageous to the OAG, taking into consideration price and the evaluation factors set forth in the request for proposals. The contract file shall contain the basis on which the award is made. If the price of the most qualified vendor is not the lowest price, and if the price exceeds $30,000, the Procurement Officer must state in writing why a vendor other than the low priced vendor was selected and that determination must be published in the Auditor General Bulletin.

m) Publicizing Awards
Notice of award shall be issued by either paper or electronic means~~electronically~~ to all offerors submitting responses to the solicitation and published in the Auditor General Bulletin prior to contract execution~~no later than the next business day following award~~.

n) Pre-solicitation Request for Information
When the Procurement Officer does not have sufficient information about available supplies or services to issue an RFP, the Procurement Officer may issue a Pre-solicitation request for information inviting vendors to submit non-price information about the availability of specified types of supplies or services. Public notice of the Pre-solicitation request for information shall be published in the Auditor General Bulletin at least 14 calendar days before the date set for the receipt of information. The submission of information by a vendor in response to a Pre-solicitation request for information is not a prerequisite for that vendor to respond to a subsequent IFB or RFP for the types of supplies or services for which information was solicited, and the issuance of a Pre-solicitation request for information does not commit the OAG to make any procurement of supplies or services of any kind. Confidential information will not be accepted from a vendor in response to a Pre-solicitation request for information.

(Source: Amended at 39 Ill. Reg. 3561, effective March 1, 2015)

Section 500.330 Small Purchases

a) Application

1) Procurements of $33,500 or less for supplies or services, other than professional and artistic, of less than $30,000 for professional and artistic services, and of $50,000 or less for construction, may be made without advance notice, competition or use of any prescribed method of source selection.

2) Any change identified by the United States Department of Labor in the Consumer Price Index, as certified by CMS or another State agency with appropriate authority, for All Urban consumers for the period ending December 31, 1998, and for each year thereafter, shall be used to calculate the small purchase maximums that shall be applicable for the fiscal year beginning July 1, 1999. The small purchase maximums shall be likewise recalculated for each July 1 thereafter. Changes to the small purchase maximums can be found on the Illinois Procurement Policy Board website (ppb.illinois.gov) and updated annually.

b) In determining whether a contract is under the limit, the stated value of the supplies or services, plus any optional supplies and services, determined in good faith, shall be utilized. Where the value is calculated month-to-month or in a similar fashion, the amount shall be calculated for a twelve month period.

c) If only a unit price or hourly rate is known, the contract shall be considered small and shall have a not to exceed limit applicable to the type of procurement (see subsection (a)).

d) If, after signing the contract, the actual cost of completing the contract is determined to exceed the small purchase amount, and the Procurement Officer determines that a supplemental procurement is not economically feasible or practicable because of the immediacy of the agency's needs or other circumstances, the Procurement Officer must follow the procedures for sole source or emergency procurement, whichever is applicable, to complete the contract.

e) Notice of award shall be published in the Auditor General Bulletin no later than 14 calendar~~10 business~~ days after the contract is awarded.

(Source: Amended at 39 Ill. Reg. 3561, effective March 1, 2015)

Section 500.340 Sole Economically Feasible Source Procurement

a) Application
The provisions of this Section apply to procurement from a sole economically feasible source (referred to as sole source) unless the estimated amount of the procurement is within the limit set in Section 500.330 (Small Purchases) or unless emergency conditions exist as defined in Section 500.350 (Emergency Procurements), in which case small purchase or emergency procedures may be used.

b) Conditions for Use of Sole Source Procurement
Sole source procurement is permissible when a requirement is available from only a single supplier or when only one supplier is deemed economically feasible. A requirement for a particular proprietary item does not justify a sole source procurement if there is more than one potential offeror authorized to provide that item. The following are examples of circumstances that could necessitate sole source procurement:

1) compatibility of equipment, accessories, replacement parts, or service is a paramount consideration;

2) items are needed for trial use or testing of that specific product or service;

3) the item is to be procured for commercial resale;

4) non-competitive public utility services;

5) the item is copyrighted or patented and the item or service is not available except from the holder of the copyright or patent;

6) media for advertising;

7) art, educational (including training for continuing professional education, professional memberships and related expenses) or entertainment services;

and

8) changes to existing contracts (see subsection (c)).

c) Changes

1) Changes to an existing contract that are germane and reasonable in scope and cost in relation to the original contract or program, that are necessary or desirable to complete the contract or program, and that can be best accomplished by the contract holder may be procured under this Section when the Procurement Officer determines that the cost of delay or disruption to the contract or program, and the cost of a new solicitation, clearly indicate that the existing vendor is the sole economically feasible source.

2) A change (whether in cost or rate) that does not exceed the applicable small purchase limit as defined in Section 500.330 of this Part, or that is an emergency as defined in Section 500.350 of this Part, may be made in accordance with procedures governing those Sections and need not comply with these sole source procedures.

~~3) The sole source exception may not be used as a basis for amending a contract for professional or artistic services if the amendment would result in an increase in the amount paid under the contract of more than 5% of the initial award, or would extend the contract term beyond the time reasonably needed for a competitive procurement, not to exceed 2 months.~~

d) Procurement Officer to Determine
The Procurement Officer shall determine whether a procurement shall be made as a sole source. The determination and its basis shall be in writing.

e) Sole Source Process

1) Publication: Before entering into a sole source contract, a Procurement Officer must publish a written description of intent to enter into a sole source contract along with a description of the item to be procured and the intended sole source contractor. The notice shall include the sole source procurement justification, a description of the item to be procured, and the intended sole source contractor. This notice must be posted in the Auditor

General Bulletin at least 14 calendar days before a sole source contract is awarded.

2) Hearing: An interested party may submit a written request for a public hearing. Any hearing shall be conducted in accordance with the procedures set forth in Section 500.1340.

f) Negotiation in Sole Source Procurement
The Procurement Officer shall conduct negotiations, as appropriate, to reach contract terms, including price, and shall maintain a record of each sole source procurement showing:

1) the vendor's name;

2) the amount and type of the contract;

3) what was procured; and

4) the identification number of the contract file.

(Source: Amended at 39 Ill. Reg. 3561, effective March 1, 2015)

Section 500.350 Emergency Procurements

a) Application
The provisions of this Section apply to every procurement over the small purchase limit set in Section 500.330 (Small Purchases) of this Part and that is not a sole source procurement under Section 500.340 of this Part made under emergency, including quick purchase, conditions.

b) Definition of Emergency Conditions
Procurements may be made under this Section 500.350 in the following circumstances:

1) Traditional circumstances include but are not limited to:

A) public health or safety, including the health or safety of any particular person, is threatened;

B) immediate repairs are needed to OAG property to protect against further loss or damage to OAG property, or to prevent loss or damage to OAG property;

C) immediate action is needed to prevent or minimize serious disruption in critical OAG services that affect health, safety or collection of substantial State revenues;

D) action is needed to ensure the integrity of State records;

E) equipment or services are necessary in the furtherance of covert activities (including the conduct of audits and investigations) lawfully conducted by the OAG. Any required disclosures may be postponed or shall be made so as not to jeopardize those covert activities;

F) immediate action is necessary to avoid lapsing or loss of federal or donated funds; or

G) the need for items to protect or further State interests is immediate and use of other competitive source selection procedures under this Part cannot be accomplished without significant risk of causing serious disadvantage to the State.

2) After Unsuccessful Competitive Sealed Bidding or Request for Proposals. When bids or proposals received pursuant to a competitive sealed bid or competitive sealed proposal method are unreasonable or non-competitive, or the price exceeds available funds, and time or other circumstances will not permit the delay required to resolicit competitive sealed bids or proposals, and if emergency conditions exist after an unsuccessful attempt to use competitive sealed bidding or competitive sealed proposals, an emergency procurement may be made.

3) Extension to Allow Competition. Extending an existing contract for such period of time as is needed to conduct a competitive method of source selection where terminating or allowing the contract to terminate would not be advantageous to the OAG.

4) Quick Purchase

A) A supplier announces bankruptcy, cessation of business, or loss of franchise, or gives other similar reason such that making a purchase immediately is more advantageous to the OAG than instituting a competitive procurement under the provisions of this Part for the supplies or services;

B) Items are available on the spot market or at discounted prices for a limited time so that good business judgment mandates a purchase immediately to take advantage of the availability and price;

C) availability of rare items, such as books of historical value;

D) the procurement is for entertainment.

c) Scope and Duration of Emergency Conditions
Emergency procurements shall be limited to those supplies, services or construction items necessary to meet the emergency. Except as otherwise provided in Section 500.320(c)(3), the term of the emergency purchase shall be limited to the time reasonably needed for a competitive procurement, not to exceed 90 calendar days. A contract may be extended beyond 90 calendar days if the Procurement Officer determines additional time is necessary and the contract scope and duration are limited to the emergency. Prior to execution of the extension, the Procurement Officer must hold a public hearing and provide written justification for all emergency contracts. Members of the public may present testimony.

d) Source Selection Methods
Any method of source selection, whether or not identified in this Part, may be used to conduct the procurement in emergency situations. The procedure used shall be selected to assure that the required items are procured in time to meet the emergency. Such competition as is practicable shall be obtained.

e) Determination and Record of Emergency Procurement

1) Determination. The Procurement Officer shall make a written determination stating the basis for an emergency procurement and for the selection of the particular contractor. Such determinations shall be kept in the contract file.

2) Record. An affidavit of each emergency procurement shall be filed with the Auditor General within 10 calendar days after the procurement and shall include the following information:

A) the vendor's name;

B) the amount and type of the contract, provided that if only an estimate of the amount is available immediately, the record shall be supplemented with the final amount once known;

C) a description of what the vendor will do or provide; and

D) the reasons for using the emergency method of source selection.

3) Notice of the Emergency Procurement. Notice of the emergency procurement shall be published in the Auditor General Bulletin no later than 5 calendar~~3 business~~ days after the contract is awarded and shall include a description of the procurement, the reasons for the emergency procurement and the total cost. When only an estimate of the total cost is known at the time of publication, the estimate shall be identified as an estimate and published. When the actual total cost is determined, it shall also be published in like manner before the 10th day of the next succeeding month.

4) Notice of Extension. Notice of intent to extend an emergency contract shall be published in the Auditor General Bulletin no later than 14 calendar days prior to a public hearing. Notice shall include at least a description of the need for the emergency purchase, the contractor and, if applicable, the date, time and location of the public hearing. Any hearing shall be conducted in accordance with the procedures set forth in Section 500.1340.

(Source: Amended at 39 Ill. Reg. 3561, effective March 1, 2015)

Section 500.395 Public Procurement File

A procurement file shall be maintained for all contracts, regardless of the method of procurement. The procurement file shall contain the basis on which the award is made, all

submitted bids and proposals, all evaluation materials, score sheets and all other documentation related to or prepared in conjunction with evaluation, negotiation and the award process. The procurement file shall contain a written determination, signed by the Procurement Officer or designee, setting forth the reasoning for the contract award decision. The procurement file shall not include trade secrets or other competitively sensitive, confidential or proprietary information. The procurement file shall be open to public inspection within 7 calendar~~business~~ days following award of the contract.

(Source: Amended at 39 Ill. Reg. 3561, effective March 1, 2015)

SUBPART E: SUPPLIERS, PREQUALIFICATION AND RESPONSIBILITY

Section 500.430 Responsibility

a) Application
Contracts are to be made only with responsible vendors unless no responsible vendor is available to meet the OAG's needs. If there is doubt about responsibility, and if a bond or other security would adequately protect the State's interests, then that vendor may be awarded a contract upon receipt of the bond or other security.

b) Standards of Responsibility

1) Standards. Factors to be considered in determining whether the standard of responsibility has been met may include, but are not limited to, whether a prospective vendor:

A) has available the appropriate financial, material, equipment, facility, and personnel resources and expertise (or the ability to obtain them) necessary to indicate its capability to meet all contractual requirements (the Procurement Officer may designate a level below which the vendor will be deemed "not responsible");

B) is able to comply with required or proposed delivery or performance schedules, taking into consideration all existing commercial and governmental commitments;

C) has a satisfactory record of performance. Vendors who are or have been deficient in current or recent contract performance in dealing

with the State or other customers may be deemed "not responsible" unless the deficiency is shown to have been beyond the reasonable control of the vendor;

D) has a satisfactory record of integrity and business ethics. Vendors who are under investigation or indictment for criminal or civil actions that bear on the particular procurement or that create a reasonable inference or appearance of a lack of integrity on the part of the vendor may be declared not responsible for the particular procurement;

E) is a legal entity authorized to transact or conduct affairs~~do business~~ in Illinois prior to submitting the bid, offer or proposal and is qualified legally to contract with the State;

F) has supplied all necessary information in connection with the inquiry concerning responsibility;

G) has a current Public Contracts number from the Illinois Department of Human Rights, pursuant to 44 Ill. Adm. Code 750.210, if required. Proof of application prior to opening of bids or proposals will be sufficient for an initial determination;

H) pays prevailing wages, if required by law; and

I) is current in payment of all State of Illinois taxes, including the unemployment insurance tax.

2) Information Pertaining to Responsibility. The prospective vendor shall supply information requested by the Procurement Officer concerning the responsibility of such vendor. The OAG may supplement this information from other sources and may require additional documentation at any time. If such vendor fails to supply the requested information, the Procurement Officer shall base the determination of responsibility upon any available information, or may find the prospective vendor nonresponsible.

c) Written Determination of Nonresponsibility Required
If a vendor who otherwise would have been awarded a contract is found nonresponsible, a written determination of nonresponsibility setting forth the basis

of the finding shall be prepared by the Procurement Officer. The final determination shall be made part of the procurement file.

d) Bond for Responsibility
Vendors not having a history of performance may be considered responsible if no other disqualifying factors exist. A bond or other security may be required of such vendors.

e) Affiliated Companies
Vendors who are newly formed business concerns having substantially the same owners, officers, directors, or beneficiaries as a previously existing vendor that has been determined not responsible will also be determined not to be responsible unless the new organization can prove it was not set up for the purpose of avoiding an earlier determination of nonresponsibility.

(Source: Amended at 39 Ill. Reg. 3561, effective March 1, 2015)

SUBPART G: SPECIFICATIONS

Section 500.600 Specifications

a) Responsibilities Regarding Specifications
The Procurement Officer is authorized to write specifications for procurements for the OAG.

b) Procedures for the Development of Specifications

1) All procurements shall be based on specifications that accurately reflect the OAG's needs. Specifications shall clearly and precisely describe the salient technical or performance requirements.

2) Specifications shall not include restrictions that do not significantly affect the technical requirements or performance requirements, or other legitimate OAG needs. All specifications shall be written in such a manner as to describe the requirements to be met, without having the effect of exclusively requiring a proprietary supply or service, or procurement from a sole source, unless no other manner of description will suffice.

3) Any specifications or standards adopted by business, industry, not-for-profit organization or governmental unit may be adopted by reference.

4) A specification may provide alternate descriptions where two or more design, functional, or performance criteria will satisfactorily meet the OAG's requirements.

5) *A solicitation or specification for a contract, or a contract, may not require, stipulate, suggest or encourage a monetary or other financial contribution or donation, cash bonus or incentive, or economic investment as an explicit or implied term or condition of awarding or completing the contract.* [30 ILCS 500/20-50]

c) Brand Name or Equal Specification

1) Brand name or equal specifications may be used when the Procurement Officer determines in writing that:

A) no specification for a common or general use specification or qualified products list is available;

B) time does not permit the preparation of another form of specification, not including a brand name specification;

C) the nature of the product or the nature of the OAG's requirement makes use of a brand name or equal specification suitable for the procurement; or

D) use of a brand name or equal specification is in the OAG's best interest.

2) Brand name or equal specifications shall seek to designate more than one brand as "or equal," and shall further state that substantially equivalent products to those designated will be considered for award.

3) Unless the Procurement Officer determines that the essential characteristics of the brand names included in the specifications are commonly known in the industry or trade, brand name or equal specifications shall include a description of the particular design,

functional, or performance characteristics that are required.

4) Where a brand name or equal specification is used in a solicitation, the solicitation shall contain explanatory language that the use of a brand name is for the purpose of describing the standard of quality, performance, and characteristics desired and is not intended to limit or restrict competition. "Or equal" submissions will not be rejected because of minor differences in design, construction or features that do not affect the suitability of the product for its intended use. Burden of proof that the product is equal is on the vendor.

d) Brand Name Only Specification

1) Determination. A brand name only specification may be used only when the Procurement Officer makes a written determination that only the identified brand name item or items will satisfy the OAG's needs.

2) Use. Brand name alone may be specified in order to fill medical prescription needs, to stock State retail-type operations, to ensure compatibility in existing systems, to preserve warranty, to ensure maintenance, or as authorized in writing by the Procurement Officer. The OAG may, pursuant to an authorized competitive procedure, select a particular vendor to provide supplies or services for a specified period of time, and for that period the supplier of additional, related and updated supplies and services may be limited to the selected vendor or the brand initially selected.

3) Competition. The Procurement Officer shall seek to identify sources from which the designated brand name item or items can be obtained and shall solicit such sources to achieve whatever degree of competition is practicable. If only one source can supply the requirement, the procurement shall be made under Section 500.340 (Sole Economically Feasible Source Procurement) of this Part.

4) Small and Emergency Procurements. Brand name only specifications may be used when procuring items under the small (Section 500.330 of this Part) and emergency (Section 500.350 of this Part) provisions of this Part.

e) Qualified Products List

1) Use. A qualified products list may be developed by the Procurement Officer when testing or examination of the supplies prior to issuance of the solicitation is desirable or necessary in order to best satisfy OAG requirements.

2) Solicitation. When developing a qualified products list, a notice shall be posted to the Auditor General Bulletin soliciting potential suppliers to submit products for testing and examination to determine acceptability for inclusion in a qualified products list.

3) Testing and Confidential Data. Inclusion on a qualified products list shall be based on results of tests or examinations conducted in accordance with established requirements. Except as otherwise provided by law, trade secrets, test data, and similar information provided by the supplier will be kept confidential when requested in writing by the supplier.

f) Proven Products
The supply or service may be rejected if it has not been offered to other governmental or commercial accounts for at least one year prior to the notice date of a solicitation. Specifications may require that the supply or services must have been used in governmental or commercial venues for a specified period of time to be considered.

g) Product Demonstration
Any vendor may request time and space to demonstrate a product or service. Agreement to allow such demonstration will be solely at the OAG's discretion and will not entitle the vendor to a contract nor shall payment for the demonstration be allowed unless a written contract had been executed prior to the demonstration.

h) Prohibition on Incentives
A solicitation or specification for a contract, or a contract, may not require, stipulate, suggest or encourage a monetary or other financial contribution or donation, cash bonus or incentive, or economic investment as an explicit or implied term or condition for awarding or completing the contract.

i) Prohibited Bidders and Contractors

NOTICE OF ADOPTED AMENDMENTS

1) *No person or business shall bid, offer, or enter into a contract* with the OAG *if the person or business assisted an employee of the* OAG, *who, by the nature of his or her duties, has the authority to participate personally and substantially in the decision to award* an OAG *contract, by reviewing, drafting, directing or preparing any invitation for bids, a request for proposal, or request for information or provided similar assistance except as part of a publicly issued opportunity to review drafts of all or part of these documents.*

2) *This subsection* (i) *does not prohibit a person or business from submitting a bid or offer~~proposal~~ or entering into a contract if the person or business:*

A) *initiates a communication with an employee to provide general information about industry trends and innovations, products, services, or industry best practices and, if applicable, that communication is documented;*

B) *responds to a communication initiated by an employee of the* OAG *for the purposes of providing information to evaluate new products, trends, services or technologies* [30 ILCS 500/50-10.5(e)]*;*

C) receives or possesses written material obtained from a State employee from public sources, such as through an internet search, or literature packets obtained in conjunction with an event such as a trade show; or

D) provides, at the request of the OAG, general marketing material or makes a general sales presentation to show the person's qualifications or product capabilities. Material may be personalized for the OAG provided any personalization is obtained from publicly available sources.

3) *Nothing in this Section prohibits a vendor developing technology, goods, or services from bidding or offering to supply that technology or those goods or services if the subject demonstrated to the State represents industry trends and innovation and is not specifically designed to meet the State's needs.*

4) *No person or business shall submit specifications to a State agency unless requested to do so by an employee of the State. No person or business who contracts with a State agency to write specifications for a particular procurement need shall submit a bid or proposal or receive a contract for that procurement need.*

5) *For purposes of this subsection* (i), *"business" includes all individuals with whom a business is affiliated, including, but not limited to, any officer, agent, employee, consultant, independent contractor, director, partner, or manager~~, or shareholder~~ of a business.* [30 ILCS 500/50-10.5(e)]

(Source: Amended at 39 Ill. Reg. 3561, effective March 1, 2015)

SUBPART I: DURATION OF CONTRACTS

Section 500.800 Duration of Contracts

a) General

1) A multi-term contract for a term up to 10 years, inclusive of proposed contract renewals, is authorized when determined by the Procurement Officer to be in the best interest of the State.

2) A software license designated as a perpetual license is not considered a multi-term contract; it is instead a one-time purchase.

b) Subject to Appropriation
Each contract is contingent upon and subject to the availability of funds. The State, at its sole option, may terminate or suspend a contract, in whole or in part, without penalty or further payment being required if the Illinois General Assembly or the federal funding source fails to make an appropriation sufficient to pay that obligation or if funds needed are insufficient for any reason. Each contract payable in whole or in part by any funds appropriated by the Illinois General Assembly shall recite that the contract is subject to termination and cancellation for lack of, or insufficiency in, funding. A vendor will be notified in writing by the OAG of a failure to receive or a reduction or decrease in any appropriation or insufficiency of funds affecting the contract. This provision

applies to only those contracts that are funded in whole or in part by funds appropriated by the Illinois General Assembly or other governmental entity.

c) Conditions for Use of Multi-Year Contracts
A multi-year contract may be used when:

1) special production of definite quantities or the furnishing of long-term services is required to meet OAG needs; or

2) a multi-year contract will serve the best interests of the State by encouraging effective competition or otherwise promoting economies in OAG procurement. The following factors are among those relevant to such a determination:

A) firms that are not willing or able to compete because of high start-up costs or capital investment in facility expansion will be encouraged to participate in the competition when they are assured of recouping such costs during the period of contract performance;

B) lower production costs because of larger quantity of service requirements, and substantial continuity of production or performance over a longer period of time, can be expected to result in lower unit prices;

C) stabilization of the contractor's work force over a longer period of time may promote economy and consistent quality; or

D) the cost and burden of contract solicitation, award, and administration of the procurement may be reduced.

d) Multi-Year Contract Procedure
The solicitation shall state:

1) the proposed term;

2) the amount of supplies or services required for the proposed contract period;

3) the type of pricing requested (e.g., firm for term); and

4) how award will be determined.

e) Renewals

1) Renewals may be exercised without further procurement activity, provided the initial term and the exercised renewals may not exceed 10 years, the terms and conditions do not change except as provided in the contract and the option is reserved solely to the OAG or is by mutual agreement.

2) Where a renewal will result in the total term, counting the initial term and any previous renewals, to exceed 10 years, the renewal must be procured using one of the methods of source selection authorized by this Part. This renewal will start a new term that shall not exceed 10 years.

3) Notice of renewal shall be published in the Auditor General Bulletin no later than 14 calendar~~10 business~~ days after the contract is awarded.

f) Cancellation of Contracts

1) In any of the following cases, the OAG shall have the right to terminate or rescind any contract entered into under this Part without penalty:

A) The successful vendor fails to furnish a satisfactory performance bond within the time specified;

B) The vendor fails to make delivery at the place or within the time specified in the contract or as ordered by the OAG;

C) Any supplies or services provided under the contract are rejected (for not meeting specification, not conforming to sample, or not being in good condition when delivered) and are not promptly replaced by the vendor. If there are repeated rejections of the vendor's supplies or services, this shall be grounds for termination or rescission, even though the vendor offers to replace the supplies or services promptly;

D) The vendor is guilty of misrepresentation (e.g., misbranding of food or drugs) in connection with another contract for the sale of

supplies or services to the State such that the vendor cannot reasonably be depended upon to fulfill obligations as a responsible vendor under other contracts with the State;

E) The vendor is adjudged bankrupt; enters into receivership or makes a general assignment for the benefit of creditors due to insolvency; disregards laws, rules or instructions of the OAG; or acts in violation of any provision of the contract;

F) Any other breach of contract or other unlawful act by the vendor;

G) The contract was obtained by fraud, collusion, conspiracy or other unlawful means; or

H) The contract conflicts with any statutory or constitutional provision of the State of Illinois or of the United States.

2) Damages
The damages for which the OAG may be compensated as provided in this Section or by a suit on the vendor's performance bond or by other legal remedy shall include, but are not limited to, the following:

A) the additional cost of supplies or services bought elsewhere;

B) cost of repeating the procurement procedure;

C) any expenses incurred because of delay in receipt of supplies or services; and

D) any other damages caused by the vendor's breach of contract or unlawful act.

3) Withholding Money to Compensate OAG for Damages
If a contract is terminated or rescinded under this subsection (f), the OAG may deduct from whatever is owed the vendor on that or any other contract an amount sufficient to compensate the OAG for any damage resulting from termination or rescission.

(Source: Amended at 39 Ill. Reg. 3561, effective March 1, 2015)

SUBPART J: CONTRACT MATTERS

Section 500.910 Filing with Comptroller

a) Filing with Comptroller
Whenever a contract liability, except for contracts paid from personal services or contracts between the State and its employees to defer compensation in accordance with Article 24 of the Illinois Pension Code, exceeding $20,000 is incurred by the OAG, a copy of the contract, purchase order, or lease shall be filed with the Comptroller within 30 calendar days thereafter.

b) Late Filing Affidavit
When a contract, purchase order, or lease required to be filed by this Section has not been filed within 30 calendar days after execution, the OAG must file with the Comptroller an affidavit, signed by the Auditor General or his or her designee, setting forth an explanation of why the contract liability was not filed within 30 calendar days after execution. A copy of this affidavit shall be filed with the Auditor General.

c) Timely Execution of Contracts
No voucher shall be submitted to the Comptroller for a warrant to be drawn for the payment of money from the State treasury or from other funds held by the State Treasurer on account of any contract unless the contract is reduced to writing before the services are performed and filed, if so required under subsection (a), with the Comptroller. Vendors shall not be paid for any goods that were received or services that were rendered before the contract was reduced to writing and signed by all necessary parties. A Procurement Officer may request an exception to this requirement by submitting a written statement to the Comptroller and Treasurer setting forth the circumstances and reasons why the contract could not be reduced to writing before the supplies were received or services were performed. A waiver of this requirement must be approved by the Comptroller and Treasurer. The requirements of this subsection shall not apply to emergency purchases if notice of the emergency purchase is published in the Auditor General Bulletin as required by Section 500.350.

(Source: Amended at 39 Ill. Reg. 3561, effective March 1, 2015)

SUBPART K: REAL PROPERTY LEASES AND CAPITAL IMPROVEMENT LEASES

AUDITOR GENERAL

NOTICE OF ADOPTED AMENDMENTS

Section 500.1000 Applicability

Except as otherwise authorized or required by law, all leases for real property or capital improvements, including office and storage space, buildings and other facilities for State agencies where the State is the lessee~~real property leases and capital improvement leases~~ are subject to, and shall be procured by, the OAG in accordance with this Part.

(Source: Amended at 39 Ill. Reg. 3561, effective March 1, 2015)

Section 500.1020 Request for Information

a) RFI Form
When required, an RFI shall be issued and shall include:

1) the type of property to be leased;

2) the proposed uses of the property;

3) the duration of the lease;

4) the preferred location of the property; and

5) a general description of the configuration desired.

b) Public Notice
Public notice of the RFI for the availability of real property to lease shall be published in the Auditor General Bulletin at least 14 calendar days before the date set forth in the request for receipt of responses and shall also be published in similar manner in a newspaper of general circulation in the community or communities where the OAG is seeking space. Notice may also be mailed to owners of property that may meet the OAG's needs after public notice has been published in the Auditor General Bulletin.

c) Response
The RFI response shall consist of written information sufficient to show that the respondent can meet minimum criteria set forth in the RFI. All responses will be publicly opened on the announced date. Names of all parties submitting responses will be made available to the public immediately following the opening

of responses. No other information concerning responses shall be publicly disclosed until award or other conclusion of the RFI process.

d) Negotiation and Determination

1) The Procurement Officer may enter into discussions with respondents of the RFI for the purpose of clarifying OAG needs and the information supplied by the respondents. On the basis of the information supplied and discussions, if any, the Procurement Officer shall make a written determination identifying the responses that meet the minimum criteria set forth in the RFI. Negotiations shall be entered into with all qualified respondents for the purpose of securing a lease that is in the best interest of the State. Site visits may be made as part of the discussion and/or negotiation process.

2) The Procurement Officer reserves the right to reject any responses and evaluate best and final offers. Best and final offers shall be sought after a written determination is made by the Procurement Officer that it is in the best interest of the State to request best and final offers. A best and final offer shall not be requested from any vendor deemed non-responsive or who does not meet the minimum criteria set forth in the RFI.

e) Contract Award, Reporting and Filing

1) The Procurement Officer or designee shall review all relevant information and recommend which response will be accepted based on an evaluation of all responsive offers. The final award decision will be published in the Auditor General Bulletin. Notification of award will be sent to all respondents.

2) When the lowest response by price is not selected, a written report of the negotiation shall be retained in the lease files and shall include the reasons for the final selection. The written reasons for the selection shall be published in the Auditor General Bulletin.

f) Emergency lease procurements may be made pursuant to Section 500.350.

(Source: Amended at 39 Ill. Reg. 3561, effective March 1, 2015)

Section 500.1030 Lease Requirements

a) Length of Leases

1) Maximum Term. Except where a longer term is authorized by law, leases shall be for a term not to exceed 10 years inclusive of proposed contract renewals and shall include a termination option in favor of the OAG after no more than 5 years.

2) Renewal Option. Leases may include a renewal option. An option to renew may be exercised only when the Procurement Officer determines in writing that renewal is in the best interest of the OAG and notice of the exercise of the option is published in the Auditor General Bulletin at least 60 calendar days prior to the exercise of the option.

3) Holdover. No lease may continue on a month-to-month or other holdover basis for a total of more than 6 months.

b) Sufficiency of Funds
All leases shall recite that they are subject to termination and cancellation as provided in Section 500.800(b).

c) Lessor's Failure to Make Improvements
Each lease must provide for actual or liquidated damages~~a penalty~~ upon the lessor's failure to make improvements agreed upon in the lease. The actual or liquidated damages~~penalty~~ shall consist of a reduction in lease payments equal to the corresponding percentage of the improvement value to the lease value. The actual or liquidated damages~~penalty~~ shall continue until the lessor complies with the lease and the improvements are accepted by the leasing State agency.

d) All leases shall be accompanied by a full written disclosure of the identity of every owner or beneficiary having an interest in the premises being leased.

1) The disclosure shall be subscribed and sworn or otherwise affirmed on oath by an owner, authorized trustee, corporate official, partner, managing agent or other authorized person.

2) The disclosure shall set forth all ownership interests. By way of example, the disclosure should identify the names of the beneficiaries of a land trust

in addition to the trustee, the names of all partners whether general or limited in nature, the names of all members or managers of a limited liability company and the names of all shareholders in a corporation who are entitled to receive more than 7½% of the total distributable income of the entity. If the entity is publicly traded and no readily known individual owns more than a 7½% interest, then the requirement of this subsection (d)(2) may be met by an officer or managing agent of the entity making an affirmative statement to this effect under oath.

3) The disclosure shall set forth the identity of any State officer, employee or elected official, or the wife, husband or minor child of that person, having an ownership or beneficial interest under the lease. In the event a person is so set forth, the disclosure shall include a specific designation of the percentage of total distributable income that the person, together with that of the wife, husband or minor child of that person, is entitled to receive from any firm, partnership, association or corporation that is the lessor.

4) It shall be the responsibility of the lessor to notify the Procurement Officer of any changes in ownership or beneficial interest and to submit updated disclosure statements reflecting the changes within 30 days after the change.

e) Space that is not in compliance with accessibility regulations, or is not capable of being brought into compliance with the installation of minimum essential features of accessibility by the time of occupancy, shall not be considered for use. Each RFI will contain specifications for accessibility.

(Source: Amended at 39 Ill. Reg. 3561, effective March 1, 2015)

SUBPART L: PREFERENCES

Section 500.1110 Resident Vendor Preference

a) *When a contract is to be awarded to the lowest responsible bidder or offeror, a resident bidder or offeror shall be allowed a preference as against a non-resident bidder or offeror from any state that gives or requires a preference to bidders or offerors from that state. The preference shall be equal to the preference given or required by the state of the non-resident bidder or offeror. Further, if only non-resident bidders or offerors are bidding, the purchasing agency is within its right*

to specify that Illinois labor and manufacturing locations be used as a part of the manufacturing process, if applicable. This specification may be negotiated as part of the solicitation process. [30 ILCS 500/45-10(a)]

b) "Illinois resident bidder or offeror~~vendor~~" as used in this Section means a person authorized to transact business in this State and having a bona fide establishment for transacting business within this State at which it was actually transacting business on the date when any bid for a public contract is first advertised or announced. A resident bidder or offeror includes a foreign corporation duly authorized to transact business in this State that has a bona fide establishment for transacting business within this State where it was actually transacting business on the date when any bid for a public contract is first advertised or announced.

c) This Section does not apply to any contract for any project as to which federal funds are available for expenditure when its provisions may be in conflict with federal law or federal regulation.

(Source: Amended at 39 Ill. Reg. 3561, effective March 1, 2015)

Section 500.1130 Recycled Supplies

When a public contract is to be awarded to the lowest responsible bidder or offeror, an otherwise qualified bidder or offeror who will fulfill the contract through the use of products made of recycled supplies may be given preference over other bidders or offerors unable to do so, provided that the cost included in the bid of supplies made of recycled materials does not constitute an undue economic~~edonomic~~ or practical hardship. [30 ILCS 500/45-20]

(Source: Amended at 39 Ill. Reg. 3561, effective March 1, 2015)

Section 500.1180 Small Business

a) Set-Aside
The Procurement Officer may designate as small business set-asides a fair proportion of construction, supply and service contracts for award to small businesses in Illinois.

b) Small Business List
The Procurement Officer may develop its own list, or may use the list maintained by CMS or other appropriate State agency, of responsible vendors that meet the

criteria of small business. Vendors desiring to submit bids or proposals or to otherwise contract for items set aside for small businesses shall submit information acceptable to the Procurement Officer verifying that the vendor qualifies as a small business under this Part. A business that fits the definition of small on the day of bid or proposal opening will be considered small for the duration of the contract.

c) Required Use
If a Procurement Officer wishes to make a procurement covered by a set-aside designation, the solicitation must note responses are limited to those from responsible small businesses. Bids or proposals received from large businesses will be rejected as nonresponsive.

d) Withdrawal of Set-Aside
If the Procurement Officer determines that acceptance of the best bid or proposal will result in the payment of an unreasonable price, the Procurement Officer shall reject all bids or proposals and withdraw the designation of small business set-aside for the procurement in question. When a small business set-aside is withdrawn, notification shall be published in the Auditor General Bulletin with an explanation. After withdrawal of the small business set-aside, the procurement shall be conducted in accordance with the limitations of this Part.

e) Criteria for Small Business
Unless the Procurement Officer provides a definition for a particular procurement that reflects industry characteristics, a small business is one:

1) That is an Illinois business, independently owned and operated.

2) Not dominant in its field of operation. This means the business does not exercise a controlling or major influence in a kind of business activity in which a number of business concerns are primarily engaged. In determining dominance, consideration shall be given to all appropriate factors, including volume of business, number of employees, financial resources, competitive status or position, ownership or control of materials, processes, patents, license agreements, facilities, sales territory, and nature of business activity.

3) With annual sales for the most recently ended fiscal year no greater than:

A) $13,000,000~~$10,000,000~~ for wholesale business;

B) $14,000,000~~$10,000,000~~ for construction business; or

C) $8,000,000~~$6,000,000~~ for retail business or business selling services.

4) With no more than 250 employees if a manufacturing business.

A) A manufacturing business shall calculate how many people it employs by determining its average full-time equivalent employment, based on the number of persons employed on a full-time, part-time, temporary or other basis, for its most recently ended fiscal year.

B) If a manufacturing business has been in existence for less than a full fiscal year, its average employment should be calculated for the period through one month prior to the bid or proposal due date.

5) If the business is any combination of retailer, wholesaler or construction business, then the annual sales for each component may not exceed the amounts shown in subsection (e)(3). For example, a business that is both a retailer and wholesaler may not have total sales exceeding $21,000,000~~$16,000,000~~ and the retail component may not exceed $8,000,000~~$6,000,000~~ and the wholesale component may not exceed $13,000,000~~$10,000,000~~. If the business is also a manufacturer, in addition to meeting the annual sales requirement, the number of manufacturing employees may not exceed the number shown in subsection (e)(4).

6) When computing the size status of a vendor, the number of employees and annual sales and receipts, as applicable, of the vendor and all affiliates shall be included. Concerns are affiliates when either one directly or indirectly controls or has the power to control the other, or when a third party or parties controls or has the power to control both. In determining whether concerns are independently owned and operated and whether affiliation exists, consideration shall be given to all appropriate factors, including use of common facilities, common ownership and management and contractual arrangements. However, a franchise relationship shall not

affect small business status if the franchise has the right to profit commensurate with ownership and bears the risk of loss or failure.

(Source: Amended at 39 Ill. Reg. 3561, effective March 1, 2015)

SUBPART M: ETHICS

Section 500.1200 Bribery

a) *Prohibition*
No person or business shall be awarded a contract or subcontract who:

1) has been convicted under the laws of Illinois or any other state of bribery or attempting to bribe an officer or employee of the State of Illinois or any other state in that officer's or employee's official capacity; or

2) has made an admission of guilt of that conduct that is a matter of record but has not been prosecuted for that conduct.

b) *Businesses*
No business shall be barred from contracting with any unit of State or local government, or subcontracting under such a contract, as a result of a conviction under this Section of any employee or agent of the business if the employee or agent is no longer employed by the business and:

1) *the business has been finally adjudicated not guilty; or*

2) *the business demonstrates to the governmental entity with which it seeks to contract or which is a signatory to the contract to which the subcontract relates, and that entity finds that the commission of the offense was not authorized, requested, commanded, or performed by a director, officer, or high managerial agent on behalf of the business as provided in* Section 5-4(a)(2) *of the Criminal Code of 2012~~1961~~.*

c) *Conduct on Behalf of Business*
For purposes of this Section, when an official, agent, or employee of a business committed the bribery or attempted bribery on behalf of the business and in accordance with the direction or authorization of a responsible official of the business, the business shall be chargeable with the conduct.

d) *Certification*
Every bid or offer submitted to every~~and~~ contract executed by the State and every subcontract shall contain a certification by the bidder, offeror, potential contractor, contractor, or the subcontractor, respectively, that the bidder, offeror, potential contractor, contractor, or subcontractor is not barred from being awarded a contract or subcontract under this Section and acknowledges that the chief procurement officer may declare the related contract void if any certifications required by this Section are false. If the false certification is made by a subcontractor, then the contractor's submitted bid or offer and the executed contract may not be declared void, unless the contractor refuses to terminate the subcontract upon the State's request after a finding that the subcontract's certification was false. A bidder, offeror, potential contractor, contractor, or subcontractor who makes a false statement, material to the certification, commits a Class 3 felony. [30 ILCS 500/50-5]

(Source: Amended at 39 Ill. Reg. 3561, effective March 1, 2015)

Section 500.1210 Felons

a) *Unless otherwise provided, no person or business convicted of a felony shall do business with the State of Illinois or any State agency, or enter into a subcontract, from the date of conviction until 5 years after the date of completion of the sentence for that felony, unless no person held responsible by a prosecutorial office for the facts upon which the conviction was based continues to have any involvement with the business.* [30 ILCS 500/50-10]

b) *Every bid or offer submitted to the State, every~~and~~ contract executed by the State, and every subcontract subject to* this Part *shall contain a certification by the bidder, offeror, potential contractor, ~~or~~ contractor, or subcontractor, respectively, that the bidder, offeror, potential contractor, contractor, or subcontractor is not barred from being awarded a contract or subcontract under this Section and acknowledges that the CPO may declare the related contract void if any of the certifications required by this Section are false. If the false certification is made by a subcontractor, then the contractor's submitted bid or offer and the executed contract may not be declared void, unless the contractor refuses to terminate the subcontract upon the State's request after a finding that the subcontract's certification was false.* [30 ILCS 500/50-10]

(Source: Amended at 39 Ill. Reg. 3561, effective March 1, 2015)

Section 500.1215 Prohibited Bidders and Contractors

a) *Unless otherwise provided, no business shall bid, offer, or enter into a contract or subcontract if the business or any officer, director, partner, or other managerial agent of the business has been convicted of a felony under the Sarbanes-Oxley Act of 2002* (PL 107-204) *or a Class 3 or Class 2 felony under the Illinois Securities Law of 1953* [815 ILCS 5] *for a period of 5 years from the date of conviction.*

b) *Every bid and offer submitted to the State, every~~and~~ contract executed by the State and every subcontract shall contain a certification by the bidder, contractor, or subcontractor, respectively, that the bidder, offeror, potential contractor, contractor, or subcontractor, respectively, that the bidder, offeror, potential contractor, contractor, or subcontractor is not barred from being awarded a contract or subcontract under this Section and acknowledges that the chief procurement officer shall declare the related contract void if any of the certifications completed pursuant to this subsection (b) are false. If the false certification is made by a subcontractor, then the contractor's submitted bid or offer and the executed contract may not be declared void, unless the contractor refuses to terminate the subcontract upon the State's request after a finding that the subcontract's certification was false.* [30 ILCS 500/50-10.5]

(Source: Amended at 39 Ill. Reg. 3561, effective March 1, 2015)

Section 500.1217 Debt Delinquency

a) *No person shall submit a bid or offer for, or enter into, a contract or subcontract under this* Part, *if that person knows or should know that he or she or any affiliate is delinquent in the payment of any debt to the State, unless the person or affiliate has entered into a deferred payment plan to pay off the debt.* [30 ILCS 500/50-11 (a)] For purposes of this Section, terms shall be as defined in Section 50-11 of the Code.

b) *Every bid and offer submitted to the State, every~~and~~ contract executed by the State and every subcontract shall contain a certification by the bidder, offeror, potential contractor, contractor, or subcontractor, respectively, that the bidder, offeror, respondent, potential contractor, contractor, or the subcontractor and its*

affiliate is not barred from being awarded a contract or subcontract under this Section and acknowledges that the chief procurement officer may declare the related contract void if any of the certifications completed pursuant to this subsection (b) are false. If the false certification is made by a subcontractor, then the contractor's submitted bid or offer and the executed contract may not be declared void, unless the contractor refuses to terminate the subcontract upon the State's request after a finding that the subcontract's certification was false. [30 ILCS 500/50-11(b)]

(Source: Amended at 39 Ill. Reg. 3561, effective March 1, 2015)

Section 500.1218 Collection and Remittance of Illinois Use Tax

a) *No person shall enter into a contract with a State agency or enter into a subcontract unless the person and all affiliates of the person collect and remit Illinois Use Tax on all sales of tangible personal property into the State of Illinois in accordance with the provisions of the Illinois Use Tax Act* [35 ILCS 105] *regardless of whether the person or affiliate is a "retailer maintaining a place of business within this State" as defined in Section 2 of the Use Tax Act.* [30 ILCS 500/50-12] For purposes of this Section, terms shall be as defined in Section 50-12 of the Code.

b) *Every bid and offer submitted to the State, every~~and~~ contract executed by the State and every subcontract shall contain a certification by the bidder, offeror, potential contractor, contractor, or subcontractor, respectively, that the bidder, offeror, respondent, potential contractor, contractor, or subcontractor is not barred from bidding for or entering into a contract under subsection (a) of this Section and acknowledges that the chief procurement officer may declare the related contract void if any of the certifications completed pursuant to this subsection (b) are false. If the false certification is made by a subcontractor, then the contractor's submitted bid or offer and the executed contract may not be declared void, unless the contractor refuses to terminate the subcontract upon the State's request after a finding that the subcontract's certification was false.* [30 ILCS 500/50-12]

(Source: Amended at 39 Ill. Reg. 3561, effective March 1, 2015)

Section 500.1220 Conflicts of Interest

NOTICE OF ADOPTED AMENDMENTS

a) Prohibition
It is unlawful for any person holding an elective office in this State, holding a seat in the General Assembly, or appointed to or employed in any of the offices or agencies of State government and who receives compensation for such employment in excess of 60% of the salary of the Governor of the State of Illinois, or who is an officer or employee of the Capital Development Board or the Illinois Toll Highway Authority, or who is the spouse or minor child of any such person to have or acquire any contract, or any direct pecuniary interest in any contract therein, whether for stationery, printing, paper, or any services, materials, or supplies, that will be wholly or partially satisfied by the payment of funds appropriated by the General Assembly of the State of Illinois or in any contract of the Capital Development Board or the Illinois Toll Highway Authority. [30 ILCS 500/50-13(a)]

b) Interests
It is unlawful for any firm, partnership, association, or corporation, in which any person listed in subsection (a) is entitled to receive more than 7 1/2% of the total distributable income or an amount in excess of the salary of the Governor, to have or acquire any such contract or direct pecuniary interest therein.[30 ILCS 500/50-13(b)]

c) Combined Interests
It is unlawful for any firm, partnership, association, or corporation, in which any person listed in subsection (a) together with his or her spouse or minor children is entitled to receive more than 15%, in the aggregate, of the total distributable income or an amount in excess of 2 times the salary of the Governor, to have or acquire any such contract or direct pecuniary interest therein. [30 ILCS 500/50-13(c)]

d) Securities
Nothing in this Section invalidates the provisions of any bond or other security previously offered or to be offered for sale or sold by or for the State of Illinois.[30 ILCS 500/50-13 (d)]

e) Prior Interests
This Section does not affect the validity of any contract made between the State and an officer or employee of the State or member of the General Assembly, his or her spouse, minor child, or other immediate family member living in his or her residence or any combination of those persons if that contract was in existence

before his or her election or employment as an officer, member, or employee. The contract is voidable, however, if it cannot be completed within 365 calendar days after the officer, member, or employee takes office or is employed. [30 ILCS 500/50-13 (e)]

f) Exceptions

1) *Public aid payments. This Section does not apply to payments made for a public aid recipient.*

2) *Teaching. This Section does not apply to a contract for personal services as a teacher or school administrator between a member of the General Assembly or his or her spouse, or a State officer or employee or his or her spouse, and any school district, public community college district, the University of Illinois, Southern Illinois University, Illinois State University, Eastern Illinois University, Northern Illinois University, Western Illinois University, Chicago State University, Governor State University, or Northeastern Illinois University.*

3) *Ministerial duties. This Section does not apply to a contract for personal services of a wholly ministerial character, including but not limited to services as a laborer, clerk, typist, stenographer, page, bookkeeper, receptionist, or telephone switchboard operator, made by a spouse or minor child of an elective or appointive State officer or employee or of a member of the General Assembly.*

4) *Child and family services. This Section does not apply to payments made to a member of the General Assembly, a State officer or employee, his or her spouse or minor child acting as a foster parent, homemaker, advocate, or volunteer for or in behalf of a child or family served by the Department of Children and Family Services.*

5) *Licensed professionals. Contracts with licensed professionals, provided they are competitively bid or part of a reimbursement program for specific, customary goods and services through the Department of Children and Family Services, the Department of Human Services, the Department of Healthcare and Family Services, the Department of Public Health, or the Department on Aging.*[30 ILCS 500/50-13(f)]

g) An individual has a direct pecuniary interest in a contract when the individual is owed a payment or otherwise receives a direct financial benefit in conjunction with performance of a contract, including finder's fees and commission payments.

h) Distributable income means the income of a company after payment of all expenses, including employee salary and bonus, and retained earnings, that is distributed to those entitled to receive a share of such income. In the case of a for-profit corporation, distributable income means "dividends". When calculating entitlement to distributable income the entitlement shall be determined at the end of the company's most recent fiscal year.

i) Exemptions
If the Procurement Officer finds a conflict of interest under this Section with the vendor selected for award or contract negotiations, the Procurement Officer shall forward to the CPO the name of the vendor and a description of the proposed contract and of the potential conflict, and shall state why an exemption should be granted. The CPO may exempt named individuals from the prohibitions of this Section when, *in his or her judgment, the public interest in having the individual in the service of the State outweighs the public policy evidenced in that Section.* [30 ILCS 500/50-20] Notice of each exemption shall be published in the Auditor General Bulletin and a copy shall be filed with the Secretary of State and State Comptroller prior to the contract's execution.

(Source: Amended at 39 Ill. Reg. 3561, effective March 1, 2015)

Section 500.1235 Environmental Protection Act Violations

a) *Unless otherwise provided, no person or business found by a court or the Pollution Control Board to have committed a willful or knowing violation of the Environmental Protection Act* [415 ILCS 5] *shall do business with the State of Illinois or any State agency or enter into a subcontract from the date of the order containing the finding of violation until 5 years after that date, unless the person or business can show that no person involved in the violation continues to have any involvement with the business.* [30 ILCS 500/50-14(a)]

b) *A person or business otherwise barred from doing business with the State of Illinois or any State agency or subcontracting under* the *Code by subsection (a) may be allowed to do business with the State of Illinois or any State agency if it is*

shown that there is no practicable alternative to the State to contracting with that person or business. [30 ILCS 500/50-14(b)]

c) *Every bid or offer submitted to the State, every~~and~~ contract executed by the State and every subcontract shall contain a certification by the bidder, offeror, potential contractor, contractor, or subcontractor, respectively, that the bidder, offeror, potential contractor, contractor, or subcontractor is not barred from being awarded a contract or subcontract under this Section and acknowledges that the contracting State agency may declare the related contract void if any of the certifications completed pursuant to this subsection (c) are false. If the false certification is made by a subcontractor, then the contractor's submitted bid or offer and the executed contract may not be declared void, unless the contractor refuses to terminate the subcontract upon the State's request after a finding that the subcontract's certification was false.* [30 ILCS 500/50-14(c)]

(Source: Amended at 39 Ill. Reg. 3561, effective March 1, 2015)

Section 500.1250 Disclosure of Financial Interests and Potential Conflicts of Interest

a) Requirement for Disclosure

1) *All bids and offers from responsive bidders, ~~or~~ offerors, vendors, or contractors with an annual value of more than $50,000~~$25,000~~ shall be accompanied by disclosure of the financial interests of the ~~contractor,~~ bidder, offeror, potential contractor, or contractor~~or proposer~~ and each subcontractor to be used. In addition, all subcontracts with an annual value of more than $50,000 shall be accompanied by disclosure of the financial interests of each subcontractor. The financial disclosure of each successful bidder, ~~or~~ offeror, potential contractor, or contractor and its subcontractors shall be incorporated as a material term of the contract and shall become part of the publicly available contract or procurement file maintained by the appropriate chief procurement officer. Each disclosure shall be signed and made under penalty of perjury by an authorized officer or employee on behalf of the bidder, ~~or~~ offeror, potential contractor, contractor, or subcontractor.* [30 ILCS 500/50-35(a)]

2) Disclosure shall include any ownership or distributive income share that is in excess of 5%, or an amount greater than 60% of the annual salary of the

Governor, of the disclosing entity or its parent entity, whichever is less, unless the ~~contractor,~~ bidder, offeror, potential contractor, contractor, or subcontractor:

A) is a publicly traded entity subject to Federal 10K reporting, in which case it may submit its 10K disclosure in place of the prescribed disclosure; or

B) is a privately held entity that is exempt from Federal 10K reporting but has more than 100~~200~~ shareholders, partners or members, in which case it may submit the information that Federal 10K reporting companies are required to report under 17 CFR 229.401 and list the names of any person or entity holding any ownership share that is in excess of 5% in place of the prescribed disclosure.

b) Definitions and General Provisions

1) An "offer from responsive bidders or offerors" means only those offers that are received using an Invitation for Bids or Request for Proposals under Section 500.310 or 500.320 of this Part. Disclosures are not required in sole source or emergency procurements.

2) A "parent entity" means an entity that owns 100% of the bidding entity.

3) "Contractual employment of services" means any contract to provide services to the State, whether as independent contractor or employee, that is by and between the State and the named individual.

4) "Distributable" or "distributive" income means the income of a company after payment of all expenses, including employee salaries and bonuses, and retained earnings, that is distributed to those entitled to receive a share of such income. In the case of a for-profit corporation, distributable income means dividends. When calculating entitlement to distributable income, the entitlement shall be determined at the end of the company's most recent fiscal year.

5) "Personal services" shall be any contract for services subject to this Part, including, by way of example, professional and artistic services, repair services, cleaning and guard services, but excludes contracts with

employees who are exempt from this Part under Section 500.30(a)(4) of this Part.

6) "Competitively bid" means a contract let pursuant to Section 500.310 or 500.320 of this Part.

7) "Subject to federal 10K reporting" means subject to the reporting requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934. "10K disclosure" means a report required under Section 13 or 15(d) of the Securities Exchange Act of 1934.

8) Contractors are under a continuing obligation to promptly supplement disclosures for accuracy throughout the contracting process and throughout the term of any resulting contract. Contractors with multi-year contracts must submit disclosures on an annual basis.

9) 10K Disclosures

A) Any vendor subject to federal 10K reporting requirements may submit its 10K to the OAG in satisfaction of this disclosure requirement. The vendor may be required to identify the specific sections or parts in the 10K disclosure containing information, if any, pertaining to those who have an ownership interest or an interest in the distributable income of the vendor or its parent, or other information that the vendor knows or reasonably should know identifies a potential conflict of interest with the State. If the financial interest or conflict of interest information requested by the OAG is not in the 10K, but is in a document referenced in the 10K, or in a document that may be submitted to the SEC in conjunction with or in lieu of the 10K, then that additional documentation shall be provided as well.

B) 10K disclosures are available for public review. Any potential conflict of interest identified by the public and brought to the attention of the CPO shall be investigated.

C) In circumstances where a vendor may submit a 10K disclosure in lieu of the specific disclosure requirements and for purposes of the Procurement Officer's duty to consider any conflict or potential

conflict of interest that may exist, but that is not subject to specific disclosure requirements of this Part, and that is not personally known by the Procurement Officer, "publicly known or reasonably available to the public" shall consist of information identified by the vendor in the 10K disclosure and any information disclosed pursuant to public review of the 10K disclosure.

c) Form of Disclosure

1) The form of disclosure shall be prescribed by the CPO and must include at least the names, addresses, and dollar or proportionate share of ownership of each individual~~person~~ identified in this Section, their instrument of ownership or beneficial relationship, and notice of any potential conflict of interest resulting from the current ownership or beneficial relationship of each person identified in this Section having in addition any of the following relationships:

A) State employment, currently or in the previous 3 years, including contractual employment of services;

B) State employment of spouse, father, mother, son or daughter, including contractual employment for services in the previous 2 years;

C) Elective status; the holding of elective office of the State of Illinois, the government of the United States, any unit of local government authorized by the Constitution of the State of Illinois or the statutes of the State of Illinois currently or in the previous 3 years;

D) Relationship to anyone holding elective office currently or in the previous 2 years; spouse, father, mother, son, or daughter;

E) Appointive office; the holding of any appointive government office of the State of Illinois, the United States of America, or any unit of local government authorized by the Constitution of the State of Illinois or the statutes of the State of Illinois, which office entitles the holder to compensation in excess of expenses incurred in the discharge of that office currently or in the previous 3 years;

F) Relationship to anyone holding appointive office currently or in the previous 2 years; spouse, father, mother, son, or daughter;

G) Employment, currently or in the previous 3 years, as or by any registered lobbyist of the State government;

H) Relationship to anyone who is or was a registered lobbyist in the previous 2 years; spouse, father, mother, son, or daughter;

I) Compensated employment, currently or in the previous 3 years, by any registered election or re-election committee registered with the Secretary of State or any county clerk in the State of Illinois, or any political action committee registered with either the Secretary of State or the Federal Board of Elections;

J) Relationship to anyone; spouse, father, mother, son, or daughter; who is or was a compensated employee in the last 2 years of any registered election or re-election committee registered with the Secretary of State or any county clerk in the State of Illinois, or any political action committee registered with either the Secretary of State or the Federal Board of Elections.

2) *The disclosure required under this Section must also include the name and address of each lobbyist required to register under the Lobbyist Registration Act* [25 ILCS 170] *and other agent of the bidder*, ~~or~~ *offeror*, *potential contractor, contractor, or subcontractor* *who is not identified under subsection* (a) *and who has communicated, is communicating, or may communicate with any State officer or employee concerning the bid or offer. The disclosure under this subsection* (c)(2) *is a continuing obligation and must be promptly supplemented for accuracy throughout the process and throughout the term of the contract if the bid or offer is successful.* [30 ILCS 500/50-35(b-1)]

3) *The disclosure required under this Section must also include,* for each of the persons identified in subsection (c)(1) or (2), *each of the following that occurred within the previous 10 years:* *suspension or* *debarment from contracting with any governmental entity; professional licensure discipline; bankruptcies; adverse civil judgments and administrative*

findings; and criminal felony convictions. The disclosure under this subsection (c)(3) *is a continuing obligation and must be promptly supplemented for accuracy throughout the process and throughout the term of the contract if the bid or offer is successful.* [30 ILCS 500/50-35(b-2)]

d) Intent of Disclosure
The disclosure in subsection (c) is not intended to prohibit or prevent any contract. The disclosure is meant to fully and publicly disclose any potential conflict to the CPO, procurement officers, their designees, and executive officers so they may adequately discharge their duty to protect the State.

e) Determination by Procurement Officer
When a potential for a conflict of interest is identified, discovered, or reasonably suspected it shall be reviewed by the Procurement Officer or his or her designee, who must rule whether to void or allow the contract, subcontract, bid, offer, or proposal weighing the best interest of the State of Illinois. Any such written determination shall become a publicly available part of the contract, bid, or proposal file.

f) Requirements for Reasonable Care and Diligence
These thresholds and disclosure do not relieve the CPO, procurement officers, or their designees from reasonable care and diligence for any contract, bid, offer, or proposal. The CPO, procurement officers, or their designees shall be responsible for using any reasonably known and publicly available information to discover any undisclosed potential conflict of interest and act to protect the best interest of the State of Illinois.

g) Inadvertent or Accidental Failure to Fully Disclose
Inadvertent or accidental failure to fully disclose shall render the contract, subcontract, bid, offer, proposal, or relationship voidable by the CPO if he or she deems it in the best interest of the State of Illinois and, at his or her discretion, may be cause for barring from future contracts, subcontracts, bids, offers, proposals, or relationships with the OAG for a period of up to 2 years.

h) Intentional, Willful, or Material Failure to Disclose
Intentional, willful, or material failure to disclose shall render the contract, subcontract, bid, offer, proposal, or relationship voidable by the CPO if he or she deems it in the best interest of the State of Illinois and shall result in debarment

from future contracts, subcontracts, bids, offers, proposals, or relationships with the OAG for a period of not less than 2 years and not more than 10 years. Reinstatement after 2 years and before 10 years must be reviewed and commented upon by the CPO, who must rule in writing whether and when to reinstate.

i) Other Procurements
In addition, all disclosures shall note any other current or pending contracts, bids, offers, proposals, subcontracts, leases, or other ongoing procurement relationships the bidder~~bidding~~, offeror, potential contractor, contractor~~proposing, offering~~, or subcontractor~~subcontracting entity~~ has with any other unit of State government and shall clearly identify the unit and the contract, offer, proposal, lease, or other relationship. [30 ILCS 500/50-35(h)]

j) Continuing Obligation
The ~~contractor or~~ bidder, offeror, potential contractor, or contractor has a continuing obligation to supplement the disclosure required by this Section throughout the bidding process or during the term of any contract. [30 ILCS 500/50-35(i)]

(Source: Amended at 39 Ill. Reg. 3561, effective March 1, 2015)

Section 500.1260 Reporting Anticompetitive Practices

When, for any reason, any vendor, bidder, offeror, potential contractor, contractor, chief procurement officer, State purchasing officer, designee, elected official, or State employee suspects collusion or other anticompetitive practice among any bidders, offerors, potential contractors, contractors, ~~proposers,~~ or employees of the State, a notice of the relevant facts shall be transmitted to the Attorney General and the chief procurement officer. [30 ILCS 500/50-40]

(Source: Amended at 39 Ill. Reg. 3561, effective March 1, 2015)

Section 500.1265 Disclosure of Business in Iran

a) *Each bid or~~,~~ offer~~, or proposal~~ submitted for a State contract, other than a small purchase shall include a disclosure of whether or not the bidder, offeror, ~~or proposing entity,~~ or any of its corporate parents or subsidiaries, within the 24 months before submission of the bid or~~,~~ offer~~, or proposal~~ had business operations that involved contracts with or provision of supplies or services to the Government of Iran, companies in which the Government of Iran has any direct*

or indirect equity share, consortiums or projects commissioned by the Government of Iran, or companies involved in consortiums or projects commissioned by the Government of Iran and:

1) *more than 10% of the company's revenues produced in or assets located in Iran involve oil-related activities or mineral extraction activities; less than 75% of the company's revenues produced in or assets located in Iran involve contracts with or provision of oil-related or mineral-extraction products or services to the Government of Iran or a project or consortium created exclusively by that government; and the company has failed to take substantial action; or*

2) *the company has, on or after August 5, 1996, made an investment of $20 million or more, or any combination of investments of at least $10 million each that in the aggregate equals or exceeds $20 million in any 12-month period, that directly or significantly contributes to the enhancement of Iran's ability to develop petroleum resources of Iran.* [30 ILCS 500/50-36]

b) A bid or~~,~~ offer ~~or proposal~~ that does not include the disclosure required by subsection (a) may be given a period after the bid or offer is submitted to cure the non-disclosure~~shall not be considered responsive~~. A procurement officer may consider the disclosure when evaluating the bid or~~,~~ offer ~~or proposal~~ or awarding the contract.

c) Each Chief Procurement Officer shall provide the State Comptroller with the name of each entity disclosed under subsection (a) as doing business or having done business in Iran. The State Comptroller shall post that information on his or her official website.

(Source: Amended at 39 Ill. Reg. 3561, effective March 1, 2015)

Section 500.1267 Lobbying Restrictions

a) A person or business that is let or awarded a contract is not entitled to receive any payment, compensation, or other remuneration from the State to compensate the person or business for any expenses related to travel, lodging, or meals that are paid by the person or business to any officer, agent, employee, consultant, independent contractor, director, partner, manager, or shareholder. [30 ILCS 500/50-38 (a)]

b) Disclosure

1) Any bidder, ~~or~~ offeror, potential contractor, or contractor on a State contract that hires a person required to register under the Lobbyist Registration Act to assist in obtaining a contract shall:

A) disclose all costs, fees, compensation, reimbursements, and other remunerations paid or to be paid to the lobbyist related to the contract;

B) not bill or otherwise cause the State of Illinois to pay for any of the lobbyist's costs, fees, compensation, reimbursements, or other remuneration; and

C) sign a verification certifying that none of the lobbyist's costs, fees, compensation, reimbursements, or other remuneration were billed to the State.

2) The information in subsection (b)(1)(A), along with all supporting documents, shall be filed with the agency awarding the contract and with the Secretary of State. The CPO shall post this information, together with the contract award notice, in the online Procurement Bulletin. [30 ILCS 500/50-38(b)]

c) No person or entity shall retain a person or entity required to register under the Lobbyist Registration Act to attempt to influence the outcome of a procurement decision for compensation contingent in whole or in part upon the decision or procurement. Any person who violates this subsection is guilty of a business offense and shall be fined not more than $10,000. [30 ILCS 500/50-38(c)]

(Source: Amended at 39 Ill. Reg. 3561, effective March 1, 2015)

Section 500.1270 Confidentiality

Any chief procurement officer, State purchasing officer, designee, or executive officer who willfully uses or allows the use of specifications, competitive solicitation~~bid~~ documents, proprietary competitive information, ~~proposals,~~ contracts, or selection information to compromise the fairness or integrity of the procurement~~, bidding,~~ or contract process shall be

subject to immediate dismissal [30 ILCS 500/50-45], regardless of personnel rules, any contract, law or other agreement, and may, in addition, be subject to criminal prosecution.

(Source: Amended at 39 Ill. Reg. 3561, effective March 1, 2015)

Section 500.1275 Procurement Communications Reporting Requirement

a) *Reporting Requirement*

1) *Any written or oral communication received by a State employee who, by the nature of his or her duties, has the authority to participate personally and substantially in the decision to award a State contract and that imparts or requests material information or makes a material argument regarding potential action concerning an active procurement matter, including, but not limited to, an application, a contract, or a project, shall be reported to the CPO. These communications do not include the following:*

A) *statements by a person publicly made in a public forum;*

B) *statements regarding matters of procedure and practice, such as format, the number of copies required, the manner of filing, and the status of a matter;*

C) *statements made by an OAG employee to the Auditor General or other employees of the OAG, or to an employee of another State agency who, through the communication, is either*:

i) *exercising his or her experience or expertise in the subject matter of the particular procurement in the normal course of business, for official purposes, and at the initiation of the* OAG; *or*

ii) *exercising oversight, supervisory, or management authority over the procurement in the normal course of business and as part of official responsibilities;*

D) *unsolicited communications providing general information about products, services, or industry best practices before those products or services become involved in a procurement matter;*

E) *communications received in response to procurement solicitations, including, but not limited to, vendor responses to a request for information, request for proposal, request for qualifications, invitation for bid, or a small purchase, sole source, or emergency solicitation, or questions and answers posted to the* Auditor General *Bulletin to supplement the procurement action, provided that the communications are made in accordance with the instructions contained in the procurement solicitation, procedures, or guidelines;*

F) *communications that are privileged, protected, or confidential under law; and*

G) *communications that are part of a formal procurement process as set out by statute, rule, or the solicitation, guidelines, or procedures, including, but not limited to, the posting of procurement opportunities, the process for approving a procurement or its equivalent, fiscal approval, submission of bids, the finalizing of contract terms and conditions with an awardee or apparent awardee, and similar formal procurement processes.*

2) *The provisions of this Section shall not apply to communications regarding the administration and implementation of an existing contract, except communications regarding change orders or the renewal or extension of a contract.* [30 ILCS 500/50-39(a)]

b) *The report required by subsection (a) shall be submitted monthly and include at least the following:*

1) *the date and time of each communication;*

2) *the identity of each person from whom the written or oral communication was received, the individual or entity represented by that person, and any action the person requested or recommended;*

3) *the identity and job title of the person to whom each communication was made;*

4) *if a response is made, the identity and job title of the person making each response;*

5) *a detailed summary of the points made by each person involved in the communication;*

6) *the duration of the communication;*

7) *the location or locations of all persons involved in the communication and, if the communication occurred by telephone, the telephone numbers for the callers and recipients of the communication; and*

8) *any other pertinent information.* [30 ILCS 500/50-39(b)]

c) *Additionally, when an oral communication made by a person required to register under the Lobbyist Registration Act is received by a State employee that is covered under this Section, all individuals who initiate or participate in the oral communication shall submit a written report to that State employee that memorializes the communication and includes, but is not limited to, the items listed in subsection (b).* [30 ILCS 500/50-39(c)]

d) The CPO shall make each report submitted pursuant to this Section available on the Auditor General Bulletin within 7 calendar days after receipt of the report. *No trade secrets or other proprietary or confidential information shall be included in any communication reported to the* CPO. [30 ILCS 500/50-39(b)]

e) The reporting requirements shall also be conveyed through ethics training under the State Officials and Employees Ethics Act [5 ILCS 430]. An employee who knowingly and intentionally violates this Section shall be subject to suspension or discharge.

f) *For purposes of this Section:*

1) *"Active Procurement Matter" means a procurement process beginning with requisition or determination of need by an agency and continuing through the publication of an award notice or other completion of a final*

procurement action, the resolution of any protests, and the expiration of any protest or review period, if applicable. "Active procurement matter" also includes communications relating to change orders, renewals, or extensions.

2) *"Material Information" means information that a reasonable person would deem important in determining his or her course of action and pertains to significant issues, including, but not limited to, price, quantity, and terms of payment or performance.*

3) *"Material Argument" means a communication that a reasonable person would believe was made for the purpose of influencing a decision relating to a procurement matter. "Material argument" does not include general information about products, services, or industry best practices or a response to a communication initiated by an employee of the State for the purposes of providing information to evaluate new products, trends, services, or technologies.* [30 ILCS 500/50-39(g)]

(Source: Amended at 39 Ill. Reg. 3561, effective March 1, 2015)

SUBPART N: PROTESTS AND REMEDIES

Section 500.1330 Protests

a) Procurement-Related Protests Allowed

1) Any person may submit a protest related to the notice of the procurement, the solicitation document, any pre-bid/proposal meeting and any decision to reject a late bid or proposal.

2) Any person who has submitted a bid or proposal may protest a decision to reject the person's bid or proposal or to award to another person.

b) Protest Review Officer
The CPO may act as the Protest Review Officer (PRO) or may appoint one or more Protest Review Officers to consider the procurement-related protests and make a recommendation to the CPO for resolution of the protest. The CPO may adopt the recommendation or take other action.

c) Submission of Protest

1) A protesting party must submit a protest in writing to the PRO identified in the solicitation document or, in the absence of any designation, to the CPO.

2) The protest must be physically received by the PRO at the location specified. A postmark or other carrier mark prior to the due date and time is not sufficient to show physical receipt. Fax and email qualify as writing, but the PRO does not guarantee receipt using those means.

A) In regard to the solicitation notice or solicitation document including specifications, a protest must be received within 14 calendar days after the date the solicitation was posted to the Auditor General Bulletin and must be received by the PRO at the designated address before the date for opening bids or proposals.

B) In regard to rejection of individual bids or proposals or awards, the protest must be received by close of business no later than 14 calendar days after the protesting party knows or should have known of the facts giving rise to the protest to ensure consideration and, in any event, must be received before execution of the applicable contract.

3) Any notice posted to the Auditor General Bulletin establishes the "known or should have known" date for the subject matter of the notice.

4) Protests must be clearly marked as protests on the delivery container, the fax cover sheet or the e-mail subject line.

5) The written protest shall include at a minimum the following:

A) the name and address of the protesting party;

B) identification of the procurement and, if a contract has been awarded, its number or other identifier;

C) a statement of reasons for the protest specifically identifying any alleged violation of a procurement statute, a procurement rule, or

the solicitation itself, including the evaluation and award (conclusions without supporting facts and arguments may not be sufficient);

D) supporting exhibits, evidence, or documents to substantiate any claims unless not available within the filing time, in which case the expected availability date shall be indicated; and

E) specific relief sought.

d) Requested Information; Time for Filing
The protesting party must supply any additional information requested by the PRO within the time periods set in the request. If the protesting party fails to comply with this request, the PRO shall consider the protest on the basis of available information or may deny the protest.

e) Stay of Procurements During Protest
Unless the CPO determines the needs of the OAG require an immediate execution of a contract, the following apply:

1) When a protest has been timely filed and before an award has been made, the Procurement Officer shall make no award of the contract until the protest has been resolved.

2) If timely received but after award, the award shall be stayed without penalty to the State.

f) Resolution
The CPO will resolve the protest by means of a written determination. The resolution may include affirming the OAG's initial decision, in whole or in part, or revoking the OAG's decision in whole or in part. The CPO will resolve the protest as expeditiously as possible after receiving all relevant, requested information.

g) Effect of Judicial or Administrative Proceedings
If an action concerning the protest has commenced in a court or administrative body, the CPO may defer resolution of the protest pending the judicial or administrative determination.

AUDITOR GENERAL

NOTICE OF ADOPTED AMENDMENTS

(Source: Amended at 39 Ill. Reg. 3561, effective March 1, 2015)

ILLINOIS COMMERCE COMMISSION

NOTICE OF ADOPTED AMENDMENTS

1) Heading of the Part: Administration of Funds Created by the Wireless Emergency Telephone Safety Act

2) Code Citation: 83 Ill. Adm. Code 729

3)

Section Numbers:	Adopted Action:
729.110	Amendment
729.300	Amendment
729.310	Amendment
729.320	Amendment
729.330	Amendment
729.400	Amendment
729.500	Amendment
729.610	New Section
729.APPENDIX A	Amendment
729.APPENDIX C	Amendment

4) Statutory Authority: Implementing and authorized by the Wireless Emergency Telephone Safety Act [50 ILCS 751]

5) Effective Date of Rule: February 25, 2015

6) Does this rulemaking contain an automatic repeal date? No

7) Does this rulemaking contain incorporations by reference? No

8) A copy of the adopted rule, including any material incorporated by reference, is on file in the Commission's Springfield office and is available for public inspection.

9) Notice of Proposal published in the *Illinois Register*: October 10, 2014; 38 Ill. Reg. 19585

10) Has JCAR issued a Statement of Objection to this rulemaking? No

11) Differences between Proposal and Final Version: In Section 729.300, the provision saying that noncompliance with the Section "may result in the imposition of penalties as provided by Section 17(f)," was changed to say that noncompliance "shall subject the carrier to the penalty provisions of Section 17(f) and (g)." Similarly, the provision in Section 729.310 saying that noncompliance with the Section "may result in the

imposition of penalties as provided by Section 17(e)" was changed to read, "shall subject the carrier to the penalty provisions of Section 17(e) and (g)."

12) Have all the changes agreed upon by the Agency and JCAR been made as indicated in the agreement letter issued by JCAR? Yes

13) Will these rulemaking replace an emergency rule currently in effect? Yes

14) Are there any rulemakings pending on this Part? No

15) Summary and Purpose of Rulemaking: PA 98-634 took effect on June 6, 2014, amending several statutes related to the provision of 9-1-1 services in Illinois, including the Wireless Emergency Telephone Safety Act [50 ILCS 751] (WETSA). One change made by the new legislation is the addition of Section 27 to WETSA, requiring certain local governmental entities to submit financial statements to the Illinois Commerce Commission. Under the new provisions, the initial 9-1-1 financial reports were due by October 1, 2014, the next filing will be due by January 31, 2016, and later reports will be due by January 31 each subsequent year.

New Section 27(d) of WETSA directs the Commission to withhold the monthly grant that would otherwise be made under Section 25 to an emergency telephone system board or qualified governmental entity if the board or entity fails to file the financial statements required by Section 27; monthly grants are to be withheld by the Commission until the board or entity complies with the filing requirements. Grants that have been withheld for 12 months or more are to be forfeited, and the Commission is to distribute the forfeited funds on a proportional basis to emergency telephone system boards and qualified governmental entities that are in compliance with the financial reporting requirements of the statute.

The amendments made in this rulemaking establish a process for reviewing the financial statements required by the new WETSA provisions and for ensuring compliance with its other provisions, including the withholding of the monthly payments and the eventual forfeiture and redistribution of those funds. In addition, a number of "housekeeping" changes are being made to Part 729 to update the rules, which have not been amended since their adoption in 2005.

16) Questions or requests for information about this adopted rule shall be directed to:

Brian W. Allen

ILLINOIS COMMERCE COMMISSION

NOTICE OF ADOPTED AMENDMENTS

Office of General Counsel
Illinois Commerce Commission
527 East Capitol Avenue
Springfield IL 62701

217/558-2387

The full text of the Adopted Amendments begins on the next page:

ILLINOIS COMMERCE COMMISSION

NOTICE OF ADOPTED AMENDMENTS

TITLE 83: PUBLIC UTILITIES
CHAPTER I: ILLINOIS COMMERCE COMMISSION
SUBCHAPTER f: TELEPHONE UTILITIES

PART 729
ADMINISTRATION OF FUNDS CREATED BY THE
WIRELESS EMERGENCY TELEPHONE SAFETY ACT

SUBPART A: GENERAL PROVISIONS

Section
729.100 Scope
729.110 Definitions
729.120 Duties of the Commission

SUBPART B: ELIGIBILITY OF PROVIDERS AND CARRIERS

Section
729.200 Eligibility of Providers
729.210 Eligibility of Carriers

SUBPART C: GENERAL ADMINISTRATION

Section
729.300 Transmission of Subscriber Information
729.310 Transmission of Surcharge Moneys
729.320 Allocation of Surcharges
729.330 Administrative Costs

SUBPART D: ADMINISTRATION OF THE WIRELESS SERVICES EMERGENCY FUND

Section
729.400 Distribution of Moneys
729.410 Grants for Subscribers in Overlapping Jurisdictions
729.420 Overpayments and Underpayments

SUBPART E: ADMINISTRATION OF THE
WIRELESS CARRIER REIMBURSEMENT FUND

ILLINOIS COMMERCE COMMISSION

NOTICE OF ADOPTED AMENDMENTS

Section
729.500 Permitted Reimbursements
729.510 Reimbursement for Approved Expenditures
729.520 Priority of Distributions
729.530 Overpayments and Underpayments

SUBPART F: DISPUTES

Section
729.600 Resolution of Disputes
729.610 Failure to File Financial Reports

SUBPART G: MISCELLANEOUS

Section
729.700 Use of Grants and Reimbursements
729.710 Distributions Subject to Appropriation
729.720 Records
729.730 Physical Inspections
729.740 Indemnification

729.APPENDIX A Form of Electronic Carrier Subscriber Information Transmittal
729.APPENDIX B Format of Carrier Remittance Transmittal
729.APPENDIX C Form of Sworn Statement

AUTHORITY: Implementing and authorized by the Wireless Emergency Telephone Safety Act [50 ILCS 751].

SOURCE: Adopted at 29 Ill. Reg. 19153, effective December 1, 2005; amended by emergency rulemaking at 38 Ill. Reg. 19792, effective October 1, 2014, for a maximum of 150 days; amended at 39 Ill. Reg. 3640, effective February 25, 2015.

SUBPART A: GENERAL PROVISIONS

Section 729.110 Definitions

For purposes of this Part:

"Act" or " WETSA" means the Wireless Emergency Telephone Safety Act [50 ILCS 751].

"Administrative costs" means the ordinary and extraordinary fees, costs and expenses incurred by the Illinois Commerce Commission in performing its duties and responsibilities under the Act and this Part, including legal and other professional and consulting fees and expenses.

"Carrier" means a wireless carrier.

"Commission" means the Illinois Commerce Commission.

"DSP" means the Illinois Department of State Police.

"FCC" means the Federal Communications Commission.

"Funds" means the Wireless Services Emergency Fund (WSEF) and the Wireless Carrier Reimbursement Fund (WCRF).

"Grant" means a distribution from the WSEF to a provider pursuant to Sections 20 and 25 of the Act [50 ILCS 751/20 and 25].

"Prepaid Act" means the Prepaid Wireless 9-1-1 Surcharge Act [50 ILCS 753].

"Provider" means an Emergency Telephone System Board or qualified governmental entity. DSP shall be considered a provider to the extent that it is acting as a Wireless Public Safety Answering Point.

"Reimbursement" means a distribution from the WCRF to a carrier for the purpose of reimbursing that carrier for costs incurred in complying with the applicable provisions of FCC wireless enhanced 9-1-1 service mandates pursuant to Sections 30 and 35 of the Act [50 ILCS 751/30 and 35].

"Subscriber" means a wireless subscriber.

"W-PSAP" means a Wireless Public Safety Answering Point.

(Source: Amended at 39 Ill. Reg. 3640, effective February 25, 2015)

ILLINOIS COMMERCE COMMISSION

NOTICE OF ADOPTED AMENDMENTS

SUBPART C: GENERAL ADMINISTRATION

Section 729.300 Transmission of Subscriber Information

With the first transmittal of surcharges collected under the Act, and at the end of each billing month after the first transmittal (no later than the last day of the next calendar month; for example a July subscriber file is due no later than August 31), each carrier shall submit to the Commission its updated total number of subscribers per zip code (9 digit zip code if available) for that billing month. Transmittals shall be made in an electronic format, in substantially the form set forth in Appendix A of this Part, as a file attached to an email or a CD-ROM. The file shall be in text format, or EXCEL format, and be accompanied by a transmittal document or a proper label listing the carrier name and the billing month included on the submission. Transmittals shall be mailed to:

Illinois Commerce Commission
IL WETSA
527 East Capitol Avenue
Springfield IL 62701
Email ilwetsa@icc.illinois.gov~~ILWETSA@icc.state.il.us~~

Noncompliance with this Section shall subject the carrier to the penalty provisions of Section 17(f) and (g) of the Act.

(Source: Amended at 39 Ill. Reg. 3640, effective February 25, 2015)

Section 729.310 Transmission of Surcharge Moneys

a) Surcharge moneys collected under the Act shall be remitted by check on a monthly basis. Each remittance check shall display the remitting carrier's name and a single Federal Employer Identification Number and a unique carrier check number on the face. The payee shall be designated as "State of Illinois, WETSA Funds".

b) Each remittance of fees under this Section shall be accompanied by a transmittal to the Commission, in substantially the form set forth in Appendix B~~ of this Part~~.

c) The checks and remittance transmittal shall be mailed to:

Illinois Commerce Commission

IL WETSA
527 East Capitol Avenue
Springfield IL 62701

d) Funds are due to the Commission within 45 days after collection from the customer.

e) Noncompliance with this Section shall subject the carrier to the penalty provisions of Section 17(e) and (g) of the Act.

(Source: Amended at 39 Ill. Reg. 3640, effective February 25, 2015)

Section 729.320 Allocation of Surcharges

Of the surcharges remitted under this Subpart, 6.849315%~~one-third~~ shall be deposited into the WCRF and 93.150685%~~two-thirds~~ shall be deposited into the WSEF.

(Source: Amended at 39 Ill. Reg. 3640, effective February 25, 2015)

Section 729.330 Administrative Costs

a) Administrative costs shall be chargeable to the Funds.

b) *Of the amounts deposited into the Wireless Service Emergency Fund under* Section 729.320, *$0.01 per surcharge collected may be disbursed to the Commission to cover its administrative costs* [50 ILCS 751/17(b)]. The Commission may periodically submit a voucher for payment of this amount to it out of the WSEF. ~~Estimated administrative costs shall be held in escrow in the fund. The fees established and charged shall be adjusted periodically based on actual costs and shall be reconciled at least annually.~~

(Source: Amended at 39 Ill. Reg. 3640, effective February 25, 2015)

SUBPART D: ADMINISTRATION OF THE WIRELESS SERVICES EMERGENCY FUND

Section 729.400 Distribution of Moneys

Subject to appropriation, moneys in the WSEF may be used only for grants to providers and to pay administrative costs.

a) Except as provided in this Section and in Section 729.610, the Commission, subject to appropriation, shall make monthly proportional grants to each provider eligible to receive a grant under Section 729.200 based on the number of monthly subscribers in the geographic area (defined by zip code) in which the provider is certified as a wireless 9-1-1 service provider by the Commission.

b) Funds collected under the Prepaid Act and deposited into the WSEF shall be distributed in the same proportion as in subsection (a).

c) Of the funds deposited into the WSEF under Section 729.320, $.02 per surcharge shall be distributed monthly in equal amounts to the governmental units that are in counties under 100,000 population and that are eligible to receive grants under both Section 17(b) of the Act and Section 729.200, except as provided in Section 729.610.

d~~b~~) All surcharge moneys allocated to the WSEF in a given month shall be distributed to the appropriate providers, except as reduced in subsections (f~~d~~) and (g~~e~~), and except as provided in Section 729.610.

e~~c~~) Funds allocated to the WSEF for geographic areas (defined by zip codes) that have not been properly claimed as the jurisdiction of an eligible provider and located within the Statewide Wireless Emergency 9-1-1 System shall be allocated to DSP. Funds allocated to the WSEF for billing addresses located outside the State of Illinois, or geographic areas (defined by zip code) that have not been claimed as the jurisdiction of an eligible provider and are located outside the Statewide Wireless Emergency 9-1-1 System, shall be allocated proportionately to eligible providers in the manner set forth in subsection (a).

f~~d~~) Funds allocated to the WSEF for geographic areas that are contested between eligible providers shall be held in escrow until proper determination has been made by the Commission as provided in Section 729.600.

g~~e~~) Estimated administrative expenses shall be withheld on a monthly basis, with at least an annual adjustment based upon actual costs.

(Source: Amended at 39 Ill. Reg. 3640, effective February 25, 2015)

SUBPART E: ADMINISTRATION OF THE

ILLINOIS COMMERCE COMMISSION

NOTICE OF ADOPTED AMENDMENTS

WIRELESS CARRIER REIMBURSEMENT FUND

Section 729.500 Permitted Reimbursements

Moneys in the WCRF may be used, subject to appropriation, only to reimburse carriers for costs incurred in complying with the applicable provisions of FCC wireless enhanced 9-1-1 service mandates and to pay administrative costs. In no event shall any sworn invoice submitted to the Commission for reimbursement be approved for:

a) Costs not related to compliance with FCC Wireless Enhanced 9-1-1 mandates;

b) Costs with respect to any Wireless Enhanced 9-1-1 service that is not operable at the time the invoice is submitted;

c) Costs of providing Wireless Enhanced 9-1-1 services in an area when a unit of local government or Emergency Telephone System Board provides wireless 9-1-1 services in that area and was imposing and collecting a wireless carrier surcharge prior to July 1, 1998;

~~d) An amount in excess of 100% of an individual carrier's cumulative remittances to the WCRF, net administrative costs and prior reimbursements, without prior approval by the Commission;~~

d~~e~~) Any cost associated with a third party vendor that the carrier is not contractually obligated to pay;

e~~f~~) Expenses not submitted within five years after the date the cost was incurred; or

f~~g~~) Any carrier that has not remitted surcharges to the Commission within the year before it submitted its invoice~~past one-year~~.

(Source: Amended at 39 Ill. Reg. 3640, effective February 25, 2015)

SUBPART F: DISPUTES

Section 729.610 Failure to File Financial Reports

a) This Section applies to an emergency telephone system board or qualified governmental entity that receives funds from the Wireless Service Emergency

Fund, and that fails to file the 9-1-1 system financial reports as required under Section 27 of the Act [50 ILCS 751/27(d)]. Such an emergency telephone system board or qualified governmental entity is referred to in the remainder of this Section as a "noncompliant provider".

b) The Staff of the Commission shall review the financial statements reported to the Commission under Section 27(b) of the Act to determine whether an emergency telephone system board or qualified governmental entity that receives funds from the Wireless Service Emergency Fund has failed to file the 9-1-1 system financial reports as required under Section 27 of the Act, or has filed a report that is not *in a form and manner prescribed by the Illinois Commerce Commission's Manager of Accounting* [50 ILCS 751/27(b)]. Staff shall present to the Commission a verified report concerning each allegedly noncompliant provider.

c) When the Commission receives a verified Staff Report concerning an allegedly noncompliant provider and determines that the Staff Report establishes a basis to proceed, it shall enter an Order on its own motion that initiates a formal show-cause proceeding. The Order shall also provide for the withholding of monthly grants as follows:

1) If the Staff Report establishes that the noncompliant provider has not filed a report at all, the Order shall direct that the monthly grants otherwise payable to the allegedly noncompliant provider under Section 25 of the Act be suspended and withheld until the Commission determines that the noncompliant provider is substantially in compliance with Section 27 of the Act and has filed the report in the form and manner prescribed by the Commission's Manager of Accounting, or until the grants have been withheld for 12 months or more and provided to compliant providers, as provided in subsection (d); or

2) If the Staff Report states that the noncompliant provider has made an effort to file a report, but the report is not substantially in a form and manner as prescribed by the Commission's Manager of Accounting, the Order shall direct that the monthly grants otherwise payable to the allegedly noncompliant provider under Section 25 of the Act will be suspended beginning 30 days after the date of the Order, and withheld until the Commission determines that the noncompliant provider is substantially in compliance with Section 27 of the Act and has filed the report in the form and manner prescribed by the Commission's Manager of

Accounting, or until the grants have been withheld for 12 months or more and provided to compliant providers, as provided in subsection (d).

d) The formal proceeding shall be heard as is provided in 83 Ill. Adm. Code 200, and the Commission shall determine on the basis of the record, no later than 12 months after the initiation of the proceeding, whether the grants should continue to be suspended and withheld under Section 27 of the Act. Any monthly grants that have been withheld for 12 months or more shall, without further order of the Commission, be forfeited by the emergency telephone system board or qualified governmental entity and shall be distributed proportionally by the Illinois Commerce Commission to compliant emergency telephone system boards and qualified governmental entities that receive funds from the Wireless Service Emergency Fund [50 ILCS 751/27(d)]. The Commission's Order shall specify the date as of which the monthly grants shall begin to be forfeited as provided in this Section. A grant is deemed to be "withheld" as of the date on which Commission personnel responsible for forwarding direction to the Comptroller to pay monthly proportional grants to providers under Section 25 of the Act exclude the noncompliant provider from the list of providers forwarded to the Comptroller. Nothing in this Section precludes a provider from seeking a rehearing of the Commission's order or other relief under Section 10-113 of the Public Utilities Act [220 ILCS 5/10-113]. When Staff determines that a provider previously found by the Commission to be noncompliant has come into compliance, Staff shall immediately inform the Commission personnel responsible for forwarding direction to the Comptroller to pay monthly proportional grants to providers under Section 25 of the Act, and shall recommend, at the next available open meeting of the Commission, that the Order directing the withholding and redistribution of that provider's monthly grants be rescinded, to the extent that the grants have not already been forfeited pursuant to Section 27(d) of the Act.

e) The payment of any monthly proportional grant to an emergency telephone system board or qualified governmental entity shall not constitute acknowledgment by the Commission or its Manager of Accounting that the emergency telephone system board or qualified governmental entity has filed a 9-1-1 system financial report as required under Section 27 of the Act, or has filed a report that is in a form and manner prescribed by the Illinois Commerce Commission's Manager of Accounting.

(Source: Added at 39 Ill. Reg. 3640, effective February 25, 2015)

ILLINOIS COMMERCE COMMISSION

NOTICE OF ADOPTED AMENDMENTS

Section 729.APPENDIX A Form of Electronic Carrier Subscriber Information Transmittal

MONTHLY SUBSCRIBER COUNT FILE

Storage Media: file attached to an Email or a CD-ROM

File Format: Text file or Microsoft EXCEL file

Carrier Subscriber Record File Layout

INSTRUCTIONS: This file must be 32 characters in length with a header and trailer record. The header record must have an H indicator in the first position and the carrier name in the remaining 31 positions. The trailer record must have a T in the first position and the total number of records on the file excluding the header and trailer records for 10 positions, followed by the FEIN. If using a Microsoft EXCEL file, the file records shall all be placed in one column of the file.

Each field length must be filled. Example: Subscriber count is a length of 10 and all spaces must be filled with leading zeros (e.g., 0000000999).

Field Name	Starting Position	Length	Data Type
FEIN	1	9	Numeric
Billing Month	10	4	Numeric (YYMM)
US Postal Zip Code	14	5	Numeric
US Postal +4 Code (if available)	19	4	Numeric
Subscriber Count	23	10	Numeric

SAMPLE: Below is an example of the header, trailer and field requirements.

Header:
Hcarriername

Trailer
T99999999990

This is a sample text file:

ILLINOIS COMMERCE COMMISSION

NOTICE OF ADOPTED AMENDMENTS

HCARRIERNAME
999999999041062704123400000000005
999999999041062704000000000000025
T0000000002999999999

Questions concerning the field requirements may be addressed to:

Illinois Commerce Commission
IL WETSA
527 East Capitol Avenue
Springfield IL 62701
Phone: (217) 782-9715
Email ilwetsa@icc.illinois.gov~~LWETSA@icc.state.il.us~~

(Source: Amended at 39 Ill. Reg. 3640, effective February 25, 2015)

ILLINOIS COMMERCE COMMISSION

NOTICE OF ADOPTED AMENDMENTS

Section 729.APPENDIX C Form of Sworn Statement

STATE OF ILLINOIS)
) SS
COUNTY OF _____)

AFFIDAVIT

The undersigned, being first duly sworn under oath, deposes and says, under penalties of perjury:

1. I am the [title of official making Affidavit] of [legal name of Carrier] (the "Carrier"), a corporation [insert other business form, if applicable] created and existing under the laws of the State of _____, and am duly authorized to make this Affidavit on behalf of the Carrier.

2. This Affidavit is made for the purpose of requesting Reimbursement from the Wireless Carrier Reimbursement Fund in the amount of $ [amount of reimbursement requested] pursuant to Section 35 of the Illinois Wireless Emergency Telephone Safety Act (Act).

3. The amount requested is reimbursable under the Act.

4. Attached as Exhibit A is a list of the goods or services for which reimbursement under this Affidavit is sought.

5. Attached as Exhibit B are copies of invoices supporting the Reimbursement requested.

6. All of the Reimbursement requested represents costs incurred by the Carrier in complying with Federal Communications Commission Wireless Enhanced 9-1-1 mandates (FCC Mandates).

7. Attached as Exhibit C is an explanation of how the costs represented by the attached invoices relate to compliance with the FCC Mandates.

8. I have read the attached Exhibits and know them to be true and accurate.

9. The Reimbursement requested represents costs with respect to Wireless Enhanced 9-1-1 service that is operable and capable of transmitting Wireless Enhanced 9-1-1 service as a result of the expenditures set forth in Exhibit B.

ILLINOIS COMMERCE COMMISSION

NOTICE OF ADOPTED AMENDMENTS

10. To the best of my knowledge, ~~the following are the~~ Wireless Public Safety Answering Points (as defined by the Act) receiving Wireless Enhanced 9-1-1 service as a result of the expenditures set forth in Exhibit B are within the State of Illinois but not within the City of Chicago.

11. The Carrier is in compliance with the Act.

[Signature]
[Printed Name of Official]

SUBSCRIBED AND SWORN TO this _____ day of _____, 20 _____
Before me, a Notary Public in and for the County and State aforesaid, by [name of official making Affidavit], who is personally known to me to be the [affiant's official title] of [legal name of Carrier] who appeared before me this day and duly acknowledged to me execution of the foregoing Affidavit.

[Seal]

[Signature]
Notary Public

(Source: Amended at 39 Ill. Reg. 3640, effective February 25, 2015)

DEPARTMENT OF FINANCIAL AND PROFESSIONAL REGULATION

NOTICE OF ADOPTED AMENDMENTS

1) Heading of the Part: Illinois Controlled Substances Act

2) Code Citation: 77 Ill. Adm. Code 3100

3)

Section Numbers:	Adopted Action:
3100.10	Amendment
3100.20	Repealed
3100.40	Repealed
3100.50	Amendment
3100.60	Amendment
3100.70	Repealed
3100.80	Amendment
3100.85	Amendment
3100.90	Repealed
3100.100	Repealed
3100.110	Repealed
3100.120	Repealed
3100.130	Repealed
3100.140	Repealed
3100.150	Repealed
3100.160	Repealed
3100.170	Repealed
3100.180	Repealed
3100.190	Repealed
3100.200	Amendment
3100.210	Repealed
3100.220	Repealed
3100.230	Repealed
3100.240	Repealed
3100.250	Repealed
3100.260	Repealed
3100.270	Repealed
3100.280	Amendment
3100.290	Amendment
3100.300	Amendment
3100.310	Amendment
3100.320	Amendment
3100.330	Amendment
3100.340	Amendment

DEPARTMENT OF FINANCIAL AND PROFESSIONAL REGULATION

NOTICE OF ADOPTED AMENDMENTS

3100.350	Amendment
3100.360	Amendment
3100.370	Amendment
3100.380	Amendment
3100.390	Amendment
3100.400	Amendment
3100.410	Amendment
3100.420	Amendment
3100.430	Amendment
3100.440	Amendment
3100.450	Amendment
3100.460	Amendment
3100.470	Repealed
3100.480	Amendment
3100.490	Repealed
3100.500	Amendment
3100.510	Amendment
3100.520	Amendment
3100.530	Amendment

4) Statutory Authority: Implementing and authorized by the Illinois Controlled Substances Act [720 ILCS 570]

5) Effective Date of Rule: February 27, 2015

6) Does this rulemaking contain an automatic repeal date? No

7) Does this rulemaking contain incorporations by reference? No

8) A copy of the adopted rule, including any material incorporated by reference, is on file in the principal office of the Division of Professional Regulation and is available for public inspection.

9) Notice of Proposal published in the *Illinois Register*: 38 Ill. Reg. 5705; March 7, 2014

10) Has JCAR issued a Statement of Objection to this rulemaking? No

11) Differences between Proposal and Final Version: Section 3100.310(e) was changed to simply require a basic alarm system that detects unauthorized entry into the pharmacy

area. Section 3100.380 added a ban on practitioner self-dispensing, and Section 3100.400 was amended to clarify that prescriptions for Schedule II controlled substances could be submitted via fax in accordance with Section 313 of the Act. Numerous other technical changes and/or clarifications have also been made.

12) Have all changes agreed upon by the Agency and JCAR been made as indicated in the agreements issued by JCAR? Yes

13) Will this rulemaking replace an emergency rule currently in effect? No

14) Are there any rulemakings pending on this Part? No

15) Summary and Purpose of Rulemaking: This Part had not been substantially revised in more than 25 years. There have been numerous amendments to the Controlled Substances Act that have never been addressed in that time. PA 97-334 contained the most recent statutory changes to the Act which these adopted amendments implement. The adopted rule's intent is conformance of this Part to the Act and federal law. Included in the revisions is the repeal of numerous provisions relating to administrative and disciplinary functions that are provided for by other Department Rules or policies and are no longer pertinent. It adds definitions and the enhancement of Department regulatory oversight of the purchase, sale, and storage of controlled substances. It also includes a prohibition on practitioner self-prescribing of controlled substances, as well as a general clean up of the Part.

16) Information and questions regarding this adopted rule shall be directed to:

Department of Financial and Professional Regulation
Attention: Craig Cellini
320 West Washington, 3rd Floor
Springfield IL 62786

217/785-0813
fax: 217/557-4451

The full text of the Adopted Amendments begins on the next page:

DEPARTMENT OF FINANCIAL AND PROFESSIONAL REGULATION

NOTICE OF ADOPTED AMENDMENTS

TITLE 77: PUBLIC HEALTH
CHAPTER XV: DEPARTMENT OF FINANCIAL AND PROFESSIONAL REGULATION

PART 3100
ILLINOIS CONTROLLED SUBSTANCES ACT

Section

3100.10 Definitions
3100.20 Copies of This Part (Repealed)
3100.30 Renewal Periods and Fees
3100.40 Time and Method of Payment (Repealed)
3100.50 Separate Licensure~~Registration~~ for Independent Activities
3100.60 Exempted Locations
3100.70 Requirements of Registration (Repealed)
3100.80 Exemption of Agents and Employees: Affiliated Practitioners
3100.85 Application for Mid-Level Practitioner Controlled Substances License
3100.90 Time for Application for Registration: Expiration Date (Repealed)
3100.100 Application Forms (Repealed)
3100.110 Filing of Application: Joint Filings (Repealed)
3100.120 Acceptance for Filing: Defective Applications (Repealed)
3100.130 Additional Information (Repealed)
3100.140 Amendments to and Withdrawal of Applications (Repealed)
3100.150 Certificate of Registration: Denial of Registration (Repealed)
3100.160 Suspension or Revocation of Registration (Repealed)
3100.170 Suspension of Registration Pending Final Order (Repealed)
3100.180 Extension of Registration (Repealed)
3100.190 Hearing Officer (Repealed)
3100.200 Hearings and Notices
3100.210 Procedures for Hearing (Repealed)
3100.220 Hearing − Pursuant to Paragraph 1305(b) (Repealed)
3100.230 Default Disposition of a Contested Case (Repealed)
3100.240 Recording of Testimony (Repealed)
3100.250 Recording of Hearing (Repealed)
3100.260 Rehearing (Repealed)
3100.270 Final Decisions and Orders (Repealed)
3100.280 Modification in Licensure~~Registration~~
3100.290 Termination of License~~Registration~~
3100.300 Transfer of License~~Registration~~
3100.310 Security Requirements Generally

DEPARTMENT OF FINANCIAL AND PROFESSIONAL REGULATION

NOTICE OF ADOPTED AMENDMENTS

3100.320 Factors in Evaluating Physical Security Systems
3100.330 Physical Security Controls for Non-Practitioners
3100.340 Physical Security Controls for Practitioners
3100.350 Other Security Controls for Practitioners
3100.360 Record and Inventorying Requirements Generally
3100.370 Persons Entitled to Issue Prescriptions
3100.380 Purpose of Issuance~~Issue~~ of a Prescription
3100.390 Manner of Issuance of Prescription
3100.400 Requirement of Prescription for Schedule II Controlled Substances
3100.410 Refilling of Prescription
3100.420 Partial Filling of Prescriptions
3100.430 Prescriptions from Out-of-State Practitioners and Exempt Federal Practitioners
3100.440 Authority to Make Inspections
3100.450 Inspections
3100.460 Failure to Comply with Rules
3100.470 Address for Notices (Repealed)
3100.480 Granting Variances~~Suspension or Modification of Rules and Regulations~~
3100.490 Construction of Rules and Regulations (Repealed)
3100.500 Ordering Schedule II Controlled Substances~~Written Order~~
3100.510 ~~Paragraph 1312(d)~~ Record Keeping
3100.520 Emergency Medication Kits
3100.530 Transfer Between Pharmacies of Prescription Information for Refill Purposes

AUTHORITY: Implementing and authorized by the Illinois Controlled Substances Act [720 ILCS 570].

SOURCE: Rules and Regulations promulgated for the Administration of the Illinois Controlled Substances Act, effective October 22, 1975; amended at 3 Ill. Reg. 38, p. 277, effective September 20, 1979; amended at 4 Ill. Reg. 46, p. 1297, effective November 5, 1980; amended at 5 Ill. Reg. 3528, effective March 25, 1981; amended at 5 Ill. Reg. 8693, effective August 12, 1981; amended at 6 Ill. Reg. 10015, effective August 5, 1982; codified at 8 Ill. Reg. 543; amended at 8 Ill. Reg. 2498, effective February 9, 1984; amended at 8 Ill. Reg. 16344, effective August 23, 1984; amended at 11 Ill. Reg. 18246, effective October 27, 1987; transferred from Chapter VII, 77 Ill. Adm. Code 1650 (Department of Registration and Education) to Chapter XV, 77 Ill. Adm. Code 3100 (Department of Professional Regulation) pursuant to P.A. 85-225, effective January 1, 1988, at 12 Ill. Reg. 2922; amended at 20 Ill. Reg. 9063, effective July 1, 1996; amended at 24 Ill. Reg. 16672, effective October 27, 2000; emergency amendment at 28 Ill. Reg. 4985, effective March 5, 2004, for a maximum of 150 days; amended at 28 Ill. Reg. 9633, effective June 28, 2004; amended at 39 Ill. Reg. 3656, effective February 27, 2015.

DEPARTMENT OF FINANCIAL AND PROFESSIONAL REGULATION

NOTICE OF ADOPTED AMENDMENTS

Section 3100.10 Definitions

a) ~~Authority: This Part is made and issued by the Department of Professional Regulation pursuant to the Illinois Controlled Substances Act [720 ILCS 570], which empowers the Department to promulgate rules relating to the registration and control of the manufacture, distribution and dispensing of controlled substances within this State. b)~~Definitions: The following terms shall be defined as follows:

"Act" means the Illinois Controlled Substances Act [720 ILCS 570].

"Administration" means the Drug Enforcement Administration, United States Department of Justice, or its successor agency.

"Address of Record" means the designated address recorded by the Department in the applicant's application file or the licensee's license file, as maintained by the Department's licensure maintenance unit.

~~"Basic Class" is defined as set forth in Title 21, Chap. II, Sec. 1301.02 of the Federal Regulations relating to Food and Drugs (21 CFR 1301.02).~~

"DEA Registration~~Controlled Substances Code~~ Number" means the number assigned to controlled substances and controlled drug preparations by the Drug Enforcement Administration of the Department of Justice as defined by 21 CFR 1308.03 (April 1, 2014).

"Department" means the Department of Financial and Professional Regulation~~ of the State of Illinois~~.

"Director" means the Director of the Division~~Department~~ of Professional Regulation with the authority delegated by the Secretary~~of the State of Illinois~~.

"Division" means the Department of Financial and Professional Regulation-Division of Professional Regulation.

~~"Hearing Officer" means either the Director or any person he/she appoints pursuant to Section 3100.190 of this Part. Such person shall have full~~

~~power to receive evidence, decide evidentiary questions, issue subpoenas and otherwise conduct a hearing.~~

"Individual Practitioner" means a physician, dentist, veterinarian, podiatrist or ~~therapeutically certified~~ optometrist licensed in the State of Illinois to practice his/her profession, a licensed physician assistant with prescriptive authority~~who issues a prescription for a Schedule III, IV, or V controlled substance~~ in accordance with Section 303.05 of the Act and a~~the~~ written supervision agreement~~guidelines~~ required under Section 7.5 of the Physician Assistant Practice Act of 1987 [225 ILCS 95], or a licensed advanced practice nurse with prescriptive authority, in accordance with Section 303.05 of the Act and a written collaborative agreement as provided in Section~~under Sections~~ 65-40~~15-15 and 15-20~~ of the Nurse~~Nursing and Advanced~~ Practice ~~Nursing~~ Act [225 ILCS 65] except as provided in Section 3100.80(c).

~~"Institutional Practitioner" means a hospital or other party (other than an individual) licensed, registered or otherwise permitted by the State of Illinois to dispense a controlled substance in the course of professional practice but does not include a pharmacy.~~

"License" or "Licensure" encompasses licensure, registration, certification or other approval of an individual in accordance with State or federal statute.

"Mid-level Practitioner" means:

a physician assistant who has been delegated authority to prescribe through a written delegation of authority by a physician licensed to practice medicine in all of its branches, in accordance with Section 7.5 of the Physician Assistant Practice Act of 1987;

an advanced practice nurse who has been delegated authority to prescribe through a written delegation of authority by a physician licensed to practice medicine in all of its branches or by a podiatrist, in accordance with Section 65-40 of the Nurse Practice Act; or

an animal euthanasia agency.

"Mid-Level Practitioner Controlled Substances License" is a license issued to a mid-level practitioner~~licensed physician assistant or licensed advanced practice nurse authorized to prescribe by a physician in accordance with the professional licensure Act of the profession or a euthanasia agency~~.

"Pre-printed Prescription" means a written prescription upon which the designated drug has been indicated prior to the time of issuance, including any pre-inked stamp that would be applied to a prescription blank. The term does not mean a written prescription that is individually generated by machine or computer in the prescriber's place of business.

~~"Registrant" means a person or party registered or licensed under or holding a certificate of registration or license pursuant to the Act.~~

~~"Rules" means this Part.~~

"Secretary" means the Secretary of the Department of Financial and Professional Regulation.

(Source: Amended at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.20 Copies of This Part (Repealed)

~~Copies of this Part will be furnished upon request directed to the Department of Registration and Education.~~

(Source: Repealed at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.40 Time and Method of Payment (Repealed)

~~Registration and renewal fees shall be paid at the time when the application for registration or renewal is submitted for filing. Payment should be made in the form of a certified or cashier's check or money order made payable to the Department of Registration and Education. Payments made in the form of stamps, foreign currency or third party endorsed checks will not be accepted.~~

(Source: Repealed at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.50 Separate LicensureRegistration for Independent Activities

a) The following groups of activities are deemed to be independent of each other:

1) Manufacturing controlled substances;

2) Distributing controlled substances;

3) Dispensing controlled substances listed in Schedules II through V;

4) Conducting instructional activities with controlled substances listed in Schedules II through V;

5) Conducting instructional activities with controlled substances listed in Schedule I;

6) Conducting chemical analysis with controlled substances listed in any Schedule.

b) Every person who engages in more than one group of independent activities shall obtain a separate licenseregistration for each group of activities, except as provided in this subsection. Any person, when licensedregistered to engage in the group of activities described in subsections (b)(1) through (6)each paragraph in this subsection, shall be authorized to engage in the coincident activities described in the specific subsectionthat paragraph without obtaining a registration to engage in thosesuch coincident activities, provided that, unless specifically exempted, he or she complies with all requirements and duties prescribed by law for persons licensedregistered to engage in thosesuch coincident activities:

1) A person licensedregistered to manufacture any controlled substance or basic class of controlled substance shall be authorized to distribute that substance or class, but no other substances or class thatwhich he or she is not licensedregistered to manufacture;

2) A person licensedregistered to manufacture any controlled substance listed in Schedules II through V shall be authorized to conduct chemical analysis and pre-clinical research (including quality control analysis) with narcotic and non-narcotic controlled substances listed in those Schedules in which he or she is authorized to manufacture;

3) A person authorized by the appropriate agencies of the State of Illinois and the federal government to conduct research with a ~~basic class of~~ controlled substance ~~listed in Schedule I~~ shall be authorized to manufacture that substance~~such class~~ if and to the extent that the~~such~~ manufacture is set forth in the research protocol filed with the application ~~for registration~~ and to distribute that substance~~such class~~ to other persons authorized to conduct research with that substance~~such class~~ or to conduct chemical analysis;

4) A person licensed~~registered~~ to conduct chemical analysis with controlled substances shall be authorized:

A) to manufacture and import those~~such~~ substances for analytical purposes, and distribute those~~such~~ substances to persons licensed~~registered~~ or authorized to conduct chemical analysis, instructional activities or research with those~~such~~ substances or persons who are exempted from licensure~~registration~~ pursuant to law; and~~,~~

B) to export those~~such~~ substances to persons in other countries performing chemical analysis or enforcing laws relating to controlled substances or drugs in those countries; ~~and~~

5) A person authorized by the appropriate agencies of the State of Illinois or the federal government to conduct research with controlled substances listed in Schedules II through V shall be authorized to conduct chemical analysis with controlled substances listed in those Schedules in which he or she is authorized to conduct research, to manufacture those~~such~~ substances if and to the extent that the~~such~~ manufacture is authorized by the appropriate agency, and to distribute those~~such~~ substances to other persons licensed~~registered~~ or authorized to conduct chemical analysis~~,~~ or research with those~~such~~ substances and to persons exempted from licensure~~registration~~ pursuant to law;

6) A person licensed~~registered~~ to dispense controlled substances in Schedules II through V shall be authorized to conduct instructional activities with those substances.

c) A single license~~registration~~ to engage in any group of independent activities may include one or more controlled substances listed in the Schedules authorized in that group of independent activities.

(Source: Amended at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.60 Exempted Locations

An office used by agents of a licensee where sales of controlled substances are solicited, made or supervised but that neither contains controlled substances (other than substances for display purposes or lawful distribution as samples only) nor serves as a distribution point for filling sales orders is exempt from licensure. ~~The following locations shall be deemed not to be places where controlled substances are manufactured, distributed or dispensed:~~

~~a) A warehouse where controlled substances are stored by or on behalf of a registered person, unless such substances are distributed directly from such warehouse to registered locations other than the registered location from which the substances were delivered or to persons not required to register by virtue of Paragraph 1302(c)(2) of the Act.~~

~~b) An office used by agents of a registrant where sales of controlled substances are solicited, made or supervised but which neither contains such substances (other than substances for display purposes or lawful distribution as samples only) nor serves as a distribution point for filling sales orders.~~

(Source: Amended at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.70 Requirements of Registration (Repealed)

~~Persons Required to Register. Every person who manufactures, distributes, dispenses or prescribes any controlled substance or who proposes to engage in the manufacture, distribution, dispensing or prescribing of any controlled substance shall obtain a registration unless exempted by law. Only persons actually engaged in such activities are required to obtain registration; related or affiliated persons who are not engaged in such activities are not required to be registered. (For example, a stockholder of a parent corporation or a corporation manufacturing controlled substances is not required to obtain a registration.)~~

(Source: Repealed at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.80 Exemption of Agents and Employees: Affiliated Practitioners

a) The requirement of licensure~~registration~~ is waived for any agent or employee of a person who is licensed~~registered~~ to engage in any group of independent activities (see Section 3100.50), if the~~such~~ agent or employee is acting in the usual course of his or her business or employment.

b) An individual practitioner who is an agent or employee of another practitioner licensed~~registered~~ to dispense controlled substances may, when acting in the usual course of his or her employment, administer and dispense (other than by issuance of a prescription) controlled substances if and to the extent that the~~such~~ individual practitioner is authorized or permitted to do so by the employer or principal practitioner~~jurisdiction in which he practices~~, under the license~~registration~~ of the employer or principal practitioner, in lieu of being licensed~~registered~~ himself or herself.

c) In a licensed hospital, hospital affiliate, or licensed ambulatory surgical treatment center ("institution") a licensed advanced practice nurse, acting pursuant to Section 65-45 of the Nurse Practice Act, or a physician assistant, acting pursuant to Section 7.7 of the Physician Assistant Practice Act of 1987, may be granted clinical privileges, including the authority to select, order and administer, and issue discharge prescriptions for, controlled substances under the DEA registration number of the hospital, hospital affiliate or licensed ambulatory surgical treatment center by whom he or she is employed.

d)~~c)~~ In a licensed hospital or affiliated training facility ("institution"), a~~A~~ holder of a Temporary License~~Certificate of Registration~~, pursuant to Section 17~~11a~~ of the Medical Practice Act [~~(~~225 ILCS 60/17]~~Ill. Rev. Stat. 1981, ch. 111, par. 4422)~~, may select, order and administer, and issue discharge prescriptions for,~~ dispense and prescribe~~ controlled substances under the DEA registration number of the hospital or affiliated training facility~~other institution which is registered and~~ by whom he or she is employed.~~ provided that:~~

e) The exemptions provided for advanced practice nurses, physician assistants and temporary license holders in subsections (c) and (d) are subject to the following conditions:

1) The selection, ordering and administration of, and issuance of discharge prescriptions for, controlled substances~~Such dispensing or prescribing~~ is

done in the usual course of his or her professional practice or training program ~~at such hospital or institution~~;

2) The institution by whom he or she is employed has verified that the individual practitioner is authorized by the institution's medical staff, or medical staff committee, to select, order and administer, and issue discharge prescriptions for, controlled substances;

3) The advanced practice nurse, physician assistant or temporary license holder is acting only within the scope of his or her employment;

~~2) The hospital or other institution by whom he is employed has determined that such temporary certificate holder is so permitted to dispense or prescribe drugs by the state wherein he resides and holds a license to practice medicine in all its branches;~~

4)~~3)~~ The ~~hospital or other~~ institution authorizes the temporary license holder, advanced practice nurse or physician assistant~~authorized such temporary certificate holder~~ to select, order and administer, and issue discharge prescriptions for, controlled substances~~dispense or prescribe~~ under the institution's~~hospital~~ registration and designates a specific internal code number for each temporary license holder, advanced practice nurse or physician assitant~~such temporary certificate holder~~ so authorized. The code number shall consist of numbers, letters~~,~~ or a combination of numbers and letters~~thereof~~ and shall be a suffix to the institution's ~~Drug Enforcement Administration (~~DEA~~)~~ registration number, preceded by a hyphen (e.g., APO 123456-10 or APO 123456-A12); ~~and~~

5)~~4)~~ A current list of internal codes and the corresponding temporary license holder, advanced practice nurse or physician assistant~~temporary certificate holder~~ is kept by the ~~hospital or other~~ institution and is made available at all times to other licensees~~registrants~~ and law enforcement agencies upon request for the purpose of verifying the authority of the temporary license holder, advanced practice nurse or physician assistant; and~~prescribing temporary certificate holder.~~

6) A temporary license holder, advanced practice nurse or physician assistant shall include on all prescriptions issued by him or her the registration

number of the institution, his or her specific internal code number, and his or her name.

f) An official exempted from registration under the Act and this Part shall include on all prescriptions issued by him or her, his or her branch of service or agency (e.g., "U.S. Army" or "Public Health Service") and his or her DOD identification number, in lieu of the license number of the practitioner required by this Part. The DOD identification number for a Public Health Service practitioner is his or her social security identification number. Each prescription shall have the name of the officer stamped or printed on it, as well as the signature of the officer.

(Source: Amended at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.85 Application for Mid-Level Practitioner Controlled Substances License

a) An individual applicant for a mid-level practitioner controlled substances license shall file an application on forms provided by the Department. The application shall include:

1) The physician assistant or advanced practice nurse license number. The license shall be active and in good standing;

2) The license number and controlled substances license number of the delegating or collaborating physician or collaborating podiatrist;

3) A delegation of controlled substances in Schedules III through V or any specific controlled substance in Schedule II shall be electronically input under rules set forth for DHS' Prescription Monitoring Program (77 Ill. Adm. Code 2080). A printout of the inputted delegation may serve as written notice of delegation of prescriptive authority if it is signed by the physician or podiatrist and~~indicating~~ the schedule of controlled substances or the specific Schedule II controlled substances that the mid-level practitioner may dispense or prescribe is listed. A separate notice of prescriptive authority shall be submitted by each supervising or collaborating physician or collaborating podiatrist; and

4) The required fee.

b) For physician assistant or advanced practice nurse controlled substance licenses issued on or after August 11, 2011 authorizing the prescribing and dispensing of Schedule II controlled substances, applicants must meet education requirements in accordance with Section 303.05 of the Act.

c) Any advanced practice nurse or physician assistant who writes a prescription for a controlled substance without having valid prescriptive authority may be fined by the Department not more than $50 per prescription, and the Department may take any other disciplinary action provided for in the Act.

d) Nothing in this Section shall be construed to prohibit generic substitutions as provided in Section 25 of the Pharmacy Practice Act [225 ILCS 85/25].

e) Pursuant to the Humane Euthanasia in Animal Shelters Act rules (68 Ill. Adm. Code 1248), a euthanasia agency applicant for a mid-level practitioner controlled substances license shall file an application on forms provided by the Department. The application shall include:

1) The euthanasia agency license number. The license shall be active and in good standing;

2) The required fee as stated in Section 3100.30.

(Source: Amended at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.90 Time for Application for Registration: Expiration Date (Repealed)

~~a) Any person who is required to be registered and who is not so registered may apply for registration at any time. No person required to be registered shall engage in any activity for which registration is required until the application for registration is granted and a Certificate of Registration is issued by the Director to such person.~~

~~b) A registered person who fails to file for renewal before the expiration date of his registration must apply for a new registration; his existing registration will expire on the date specified.~~

(Source: Repealed at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.100 Application Forms (Repealed)

~~a) Forms for registration may be obtained by writing to the Department of Registration and Education, 320 West Washington Street, Springfield, Illinois 62786. Forms will be mailed, as applicable, to each registered person approximately 60 days before the expiration date of his registration; if any registered person does not receive such forms within 45 days before the expiration date of his registration, he must promptly give notice of such fact and request such forms by writing to the Department and the foregoing address.~~

~~b) Each application for registration to handle any basic class of controlled substance listed in Schedule I (except to conduct chemical analysis with such classes), and each application for registration to manufacture a basic class of controlled substance listed in Schedule II, shall include the Controlled Substance Code Number, as defined in Section 1650.10, for each basic class or substance to be covered by such registration.~~

~~c) Each application shall include all information called for in the form, unless the item is not applicable, in which case this fact shall be indicated.~~

~~d) Each application, attachment or other document filed as part of an application, shall be signed by the applicant, if an individual; by a partner of the applicant, if a partnership; or by an officer of the applicant, if a corporation, corporate division, association, trust or other entity.~~

~~e) An applicant may authorize one or more individuals to sign applications for the applicant by filing a power of attorney on a form to be designated by the Department for each such individual. The power of attorney shall be signed by a person who is authorized to sign applications and shall contain the signature of the individual being authorized to sign applications. The power of attorney shall be valid until revoked by the applicant.~~

(Source: Repealed at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.110 Filing of Application: Joint Filings (Repealed)

~~a) All applications for registration shall be submitted for filing to the Department. The appropriate registration fee and any required attachments must accompany the application.~~

~~b) Any person required to obtain more than one registration may submit all applications in one package. Each application must be complete and should not refer to any accompanying application for required information.~~

(Source: Repealed at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.120 Acceptance for Filing: Defective Applications (Repealed)

~~a) Applications submitted for filing shall be stamped by the Department showing date of receipt. If found to be complete, the application will be accepted for filing. Applications failing to comply with the requirements of this Part generally will not be accepted for filing. In the case of minor defects as to completeness, the Department may accept the application for filing with a request to the applicant for additional information. A defective application will be returned to the applicant within 30 days following its receipt with a statement of the reason for not accepting the application for filing. A defective application may be corrected and resubmitted for filing at any time; the Department shall accept for filing any application upon resubmission by the applicant, whether complete or not.~~

~~b) Accepting an application for filing does not preclude any subsequent request for additional information pursuant to Section 1650.130 and has no bearing on whether the application will be granted.~~

(Source: Repealed at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.130 Additional Information (Repealed)

~~The Department may require an applicant to submit such documents or written statements of fact relevant to the application as it deems necessary to determine whether the application should be granted. The failure of an applicant to provide such documents or statements within 30 days after being requested to do so, without good cause shown for failure to answer within said time, or without a request for extension of time, shall be deemed to be a waiver by the applicant of any opportunity to present such documents or facts for consideration by the Department in granting or denying the application.~~

(Source: Repealed at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.140 Amendments to and Withdrawal of Applications (Repealed)

~~a) An application may be amended or withdrawn by the applicant without permission of the Department at any time before the date on which the applicant received a notice of hearing or denial of application pursuant to this Part. An application may be amended or withdrawn with permission of the Department at any time where good cause is shown by the applicant.~~

~~b) After an application has been accepted for filing, the request by the applicant that it be returned shall be deemed to be a withdrawal of the application.~~

(Source: Repealed at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.150 Certificate of Registration: Denial of Registration (Repealed)

~~a) The Department shall issue a certificate of registration to an applicant if the issuance of registration or renewal is proper under the applicable provisions of Paragraph 1303 of the Act. In the event that the issuance of registration or renewal is not proper, the Department shall deny the application. Before denying any application, the Department shall issue a notice of hearing to determine why registration should not be denied pursuant to Paragraph 1305(a) of the Act.~~

~~b) The certificate of registration shall contain the name, address and registration number of the registrant, the activity authorized by the registration, the Schedules (as set forth in Article II of the Act) of the controlled substances which the registrant is authorized to handle, and the expiration date of the registration.~~

~~c) The registrant shall prominently display the certificate of registration at the registered location.~~

(Source: Repealed at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.160 Suspension or Revocation of Registration (Repealed)

~~a) Before revoking or suspending any registration, the Director shall issue a notice of hearing to determine why registration should not be revoked or suspended and shall hold a hearing pursuant to Paragraph 1305 of the Act. Notwithstanding the requirements of this subsection, however, the Director may suspend any registration pending a final order pursuant to Paragraph 1305(b).~~

~~b) Upon service of the Order of the Director suspending or revoking registration, the registrant shall immediately deliver his certificate of registration to the Department.~~

~~c) In the event that revocation or suspension is limited to a particular controlled substance or substances, the registrant shall be given a new certificate of registration for all substances not affected by such revocation or suspension; no fee shall be required to be paid for the new certificate of registration. The registrant shall deliver the old certificate of registration to the Department.~~

(Source: Repealed at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.170 Suspension of Registration Pending Final Order (Repealed)

~~a) In any case where the Director finds that there is an imminent danger to public health and safety, he may suspend any registration simultaneously with or at any time subsequent to the service upon the registrant of notice of hearing pursuant to Section 1650.200. If the Director so suspends, he shall serve, pursuant to Paragraph 1305(b):~~

~~1) An order of immediate suspension which shall contain a statement of his findings regarding the danger to the public health or safety, and~~

~~2) A notice of hearing on said suspension pursuant to Section 3100.220. The order of immediate suspension and hearing shall be served personally or by certified mail, return receipt requested, to the address given by registrant pursuant to Section 3100.470.~~

~~b) Upon service of the order of immediate suspension, the registrant shall promptly return his certificate of registration to the Department.~~

(Source: Repealed at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.180 Extension of Registration (Repealed)

~~In the event that an applicant for registration (who is doing business under a registration previously granted and not revoked or suspended) has applied for renewal at least 30 days before the date on which the existing registration is due to expire, and the Director has issued no order~~

~~on the application on the date on which the existing registration is due to expire, the existing registration of the applicant shall automatically be extended and continue in effect until the date on which the Director so issues his order. The Director may extend any other existing registration under the circumstances contemplated in this Section even though the registrant failed to apply for renewal at least 30 days before expiration of the existing registration, with or without request by the registrant, if the Director finds that such extension is not inconsistent with the public health or safety.~~

(Source: Repealed at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.190 Hearing Officer (Repealed)

~~Any hearing required by the Act or this Part to be held by the Department may be conducted by the Director or a qualified hearing officer named by the Director to hear the matter in the Director's place and stead.~~

(Source: Repealed at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.200 Hearings and Notices

Hearings shall be conducted in accordance with Section 305 of the Act and with 68 Ill. Adm. Code 1110.

~~a) Except as provided in Paragraph 1305(b) of the Act, if the Department seeks to deny, revoke, suspend or refuse to renew an application for registration or renewal, a hearing shall be held pursuant to the provisions of this Section as hereinafter set forth.~~

~~b) Not later than 30 days prior to the scheduled date of any hearing to be held pursuant to this Section, the Department shall give notice of such hearing to the registrant or applicant involved who is named as respondent and shall include the Department Complaint containing:~~

~~1) A statement of the time, date, location and nature of the proceeding;~~

~~2) The name of the hearing officer if a person other than the Director is to conduct the hearing;~~

~~3) A statement setting forth a list of the charges against such respondent~~

~~including specifications of the acts complained of or in case of a denial of registration or renewal, the basis for such denial;~~

~~4) Reference to the Paragraphs of the Act and the particular rules allegedly violated and reference to the particular Paragraphs of the Act and particular rules granting authority and jurisdiction to the Department to conduct such hearing;~~

~~5) Any other information which the Department may deem advisable or necessary to the adequate notification of such respondent;~~

~~6) The time within which such respondent may file an Answer with the Department and where and to whom it must be sent. There is no need for respondent to file an Answer and all allegations of the Complaint will be deemed to be contested unless specifically admitted by the respondent.~~

~~c) All Notices, in connection with hearings specified in this Section, from and to the Department shall be sent by certified mail, return receipt requested, at the addresses provided for mailing notices pursuant to Section 3100.470. If an attorney enters his appearance for the respondent, then the respondent's notices shall thereafter be sent both to the respondent and to his attorney.~~

~~d) If the respondent shall believe the hearing officer selected to conduct such hearing is prejudiced against such respondent or his attorney, such respondent shall make a request in writing to the Director, at least 14 days prior to the date set for the hearing, to substitute another hearing officer. Such request shall be accompanied by an affidavit setting forth the facts upon which such claim of prejudice is predicated signed by such respondent or officer thereof or the attorney engaged to represent such respondent. Upon receipt of such request, the Director shall make a determination based upon such evidence as he deems sufficient whether such prejudice to the rights of the respondent exists and the Director may appoint a substitute hearing officer if he finds there is prejudice.~~

(Source: Amended at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.210 Procedures for Hearing (Repealed)

~~a) The technical rules of evidence shall not apply at any hearing involving any registration or denial, revocation or suspension thereof. The parties shall be given~~

~~an opportunity to present evidence and oral or written argument (or both) on any time issue of fact and law.~~

~~b)~~ ~~The burden of proof in any proceeding shall be upon the complainant therein, except that, in the case of any new matter introduced in connection with any affirmative defense, the burden of proof with respect thereto shall be upon the party which alleges such new matter. Any evidence having probative value in force, relevant and material to facts and issue, shall be admitted into the proceedings, subject only to the objections to the weight thereof as distinguished from admissibility, per se. Immaterial, irrelevant and unduly repetitious evidence shall be excluded. When the admissibility of evidence is in dispute and depends upon fairly arguable interpretations of law, such evidence shall be admitted.~~

~~c)~~ ~~Any party may submit evidence in rebuttal of surrebuttal.~~

~~d)~~ ~~A party may conduct examination or cross-examinations without rigid adherence to formal rules of evidence, provided the examination or cross-examination does not descend to sheer abuse or harassment of a witness and the examination or cross-examination can be shown to be necessary to full and fair disclosure of facts bearing upon matters in issue.~~

~~e)~~ ~~If the Director or hearing officer presiding determines that a witness is hostile or unresponsive, he may authorize the examination by the party calling such witness as if under cross-examination.~~

~~f)~~ ~~Any party may call any adverse party as a witness without vouching for his credibility and proceed to examine such adverse party as if under cross-examination. Any party calling a witness, upon a showing that he called the witness in good faith and is surprised by his testimony, may impeach that witness by evidence of prior inconsistent statements.~~

~~g)~~ ~~A deposition may be used in lieu of other evidence when taken in compliance with the Illinois Supreme Court rules governing evidence depositions in the Circuit Court of the State of Illinois.~~

~~h)~~ ~~Anything herein to the contrary notwithstanding, effect shall be given to the rules of privilege recognized by law with respect to any evidence presented or attempted to be presented.~~

(Source: Repealed at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.220 Hearing – Pursuant to Paragraph 1305(b) (Repealed)

~~a) If the Director, pursuant to Paragraph 1305(b) of the Act, suspends a registration, a hearing thereon shall be set within the time prescribed by the Act. Notice of such hearing shall be served in accordance with Section 1650.170.~~

~~b) Notice of hearing pursuant to this Section shall contain the information required for notices sent pursuant to Section 1650.200.~~

~~c) The provisions of Section 1650.200(d) shall apply to a hearing hereunder except that the request for change in hearing officer shall be made at least 7 calendar days prior to the date of hearing unless the Director, upon good cause shown, waives the requirement.~~

~~d) Except as hereinbefore noted in this Section, all procedures relating to hearings as set forth in this Part shall apply.~~

(Source: Repealed at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.230 Default Disposition of a Contested Case (Repealed)

~~Unless otherwise provided by law, if a respondent fails to appear at any hearing after proper service of notice, without good cause shown, the hearing officer, if no continuance is granted, may proceed with the hearing and make his decision in the absence of such respondent.~~

(Source: Repealed at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.240 Recording of Testimony (Repealed)

~~At any hearing on denial, revocation or suspension of a registration, the testimony of witnesses may be recorded by mechanical, electrical, electronic or visual recording devices.~~

(Source: Repealed at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.250 Recording of Hearing (Repealed)

~~The record of any hearing shall include:~~

~~a) The Complaint and Answer or other pleadings, if any;~~

~~b) The transcript of the proceedings including exhibits of evidence and the findings of fact, conclusions of law and recommendations of the hearing officer, the Director or hearing officer if a person other than the Director conducts such hearing, as the case may be;~~

~~c) The final order or determination made by the Director.~~

(Source: Repealed at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.260 Rehearing (Repealed)

~~a) Prior to the entry of a final order of denial of, revocation of or suspension of a registration, the hearing officer shall cause to be served upon the respondent a copy of such hearing officer's conclusions of law and fact and recommendations to the Director. Service shall be had personally or by registered mail upon respondent at the address set forth in Section 3100.470, and his attorney.~~

~~b) Within 20 days after such service, respondent may present to the Director, a motion in writing for a rehearing, which motion shall specify the particular grounds therefor. Notice of such motion shall be served upon the Director in person or by registered mail at the address set forth in Section 3100.470.~~

~~c) If the Director receives such notice for rehearing as set forth in subsection (b) above, or otherwise does not agree with the findings, conclusions or recommendations of the hearing officer, he may refer the matter back to the same or another hearing officer for rehearing.~~

~~d) Notice of rehearing shall be served in the same manner as for an original hearing hereunder and the rehearing shall be conducted in the same manner as an original hearing. The evidence received at the rehearing shall be included in the record for the Director's reconsideration and for judicial review.~~

(Source: Repealed at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.270 Final Decisions and Orders (Repealed)

~~A final decision or order of the Director granting, denying, suspending or revoking a registration shall be made, within a reasonable period after hearing or rehearing, in writing or stated in the record and shall include findings of fact and conclusions of law, separately stated. Findings of fact shall be based exclusively on the evidence presented at the hearing, rehearing, or known to all parties and on matters officially noticed. Findings of fact, if set forth in statutory language, shall be accompanied by a concise and explicit statement of the underlying facts supporting them. A decision or order shall not be made except upon consideration of the record as a whole or such portion thereof as may be cited by any party to the proceeding and as supported by and in accordance with the competent material and substantial evidence. The order shall specify the date on which it shall take effect. A copy of the decision or order shall be delivered or mailed certified mail, return receipt requested, forthwith to each party or to his attorney of record, if he has one. The decision or order shall be sent to the party at the address specified by such party pursuant to Section 3100.470(b) by certified mail, return receipt requested.~~

(Source: Repealed at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.280 Modification in LicensureRegistration

Any licenseeregistrant may apply to modify his or her licenseregistration to authorize the handling of additional controlled substances in the same manner as an original application for licensure on forms provided by the Division.by submitting a letter of request to the Director. The letter shall contain the registrant's name, address, registration number, and the substances and/or Schedules to be added to his registration and shall be signed by the same person who signed the most recent application for registration or renewal or by a person who is then authorized to sign for the former individual. The request for modification shall be handled in the same manner as an application for registration, including the payment of the required fee.

(Source: Amended at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.290 Termination of LicenseRegistration

a) The licenseregistration of any person shall terminate if and when thatsuch person dies, ceases legal existence, discontinuesdiscontinued business or professional practice, has his or her primary professional license in any status other than active, or changes his or her name or address as shown on the licensecertificate of registration.

b) Any licenseeregistrant who ceases legal existence, discontinues business or professional practice, or changes his or her name or address as shown on the

licensecertificate of registration shall notify the DivisionDepartment promptly of thatsuch fact within 10 days.

c) The license of an advanced practice nurse or physician assistant that has been delegated controlled substance prescriptive authority shall terminate when the delegated authority terminates. In the event of a change in name, the person may apply for a new certificate of registration in advance of the effective date of such change by filing an application and paying the appropriate fee in the same manner as an application for new registration. The application shall be handled in the same manner as an application for registration.

d) When a registrant notifies the Department of change in address, the Department shall issue an amended certificate of registration showing the new address. Such amended certificate must be displayed and otherwise used by the registrant as required by the Act and this Part for the display and use of the certificate which it replaces.

(Source: Amended at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.300 Transfer of LicenseRegistration

No licenseregistration or any authority conferred thereby shall be assigned or otherwise transferred except upon such conditions as the Department may specifically designate and then only pursuant to its written consent.

(Source: Amended at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.310 Security Requirements Generally

a) All applicants and licenseesregistrants shall provide effective controls and procedures to guard against theft and diversion of controlled substances. In order to determine whether a person has provided effective controls against diversion, the DivisionDepartment shall use the security requirements set forth in this Sectionherein as standards for the physical security controls and operating procedures necessary to prevent diversion. Substantial compliance with these standards may be deemed sufficient by the DivisionDepartment after evaluation of the overall security system and needs of the applicant or licenseeregistrant.

b) Physical security controls shall be commensurate with the Schedules, and

quantity, type and form of controlled substances (e.g., bulk liquids or dosage units, usable powders or non-usable powders) in the possession of the licensee~~registrant~~ in normal business operations. When physical controls become inadequate as a result of a controlled substance being transferred to a different Schedule, or as a result of a non-controlled substance being listed on any Schedule, or as a result of a significant increase in the quantity of controlled substances in the possession of the licensee~~registrant~~ during normal business operations, the physical security controls shall be expanded and extended accordingly. A licensee~~registrant~~ may adjust physical security controls within the requirements set forth in this Section~~herein~~ when the need for those~~such~~ controls decreases as a result of a controlled substance being transferred to a different Schedule, or as a result of a controlled substance being removed from control, or as a result of a significant decrease in the quantity of a controlled substance in the possession of the licensee~~registrant~~ during normal business operations.

c) Any additional security evidence, including but not limited to: video surveillance, computer access logs or records, or falsified prescription/medical documentation that demonstrates or captures diversion or other illicit activity involving controlled substances shall be made available to the Division upon request, along with a copy of any DEA Form 106 filed pursuant to Section 3100.360(e).

d) Personal bags of any kind, including but not limited to purses, handbags and backpacks, are prohibited in any area where controlled substances are handled and/or stored.

e) A basic alarm system that detects unauthorized entry into the pharmacy area. This does not apply to 24-hour pharmacies that never close.

f) All pharmacies are required to maintain a key to the licensed pharmacy area held by an employee of the pharmacy who is a licensed pharmacist or a registered pharmacy technician or certified pharmacy technician.

~~c) Physical security controls of locations registered under the federal Comprehensive Drug Abuse Prevention and Control Act of 1970 (Public Law 90-513, 84 Stat. 1236), shall be deemed to comply substantially with the standards set forth herein. Any new facilities or work or storage areas constructed or utilized for controlled substances, which facilities or work or storage areas have not been previously approved, shall not necessarily be deemed to comply substantially with the standards set forth herein, notwithstanding that such facilities or work or storage~~

~~areas have physical security controls similar to those previously approved.~~

(Source: Amended at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.320 Factors in Evaluating Physical Security Systems

In evaluating the overall security system of a licensee~~registrant~~ or applicant necessary to maintain effective controls against theft or diversion of controlled substances, the Division~~Department~~ may consider any of the following factors as it may deem relevant to the need for strict compliance with this Part:

a) The type of activity conducted;

b) The type and form of controlled substances handled;

c) The quantity of controlled substances handled;

d) The location of the premises and the relationship those~~such~~ locations bear on security needs;

e) The type of building construction comprising the facility and the general characteristics of the building or buildings;

f) The type of vault, safe~~,~~ and secure enclosures available;

g) The type of closures on vaults, safes~~,~~ and secure enclosures;

h) The adequacy of key control systems and/or combination lock control systems;

i) The adequacy of electric detection and alarm systems~~, if any~~;

j) The extent of unsupervised public access to the facility, including the presence and characteristics of perimeter fencing, if any;

k) The adequacy of supervision over employees having access to manufacturing and storage areas;

l)~~k)~~ The procedures for handling business guests, visitors, maintenance personnel, and non-employee service personnel;

m)~~l)~~ The availability of local police protection or of the licensee's~~registrant's~~ or applicant's security personnel; ~~and~~

n)~~m)~~ The adequacy of the licensee's~~registrant's~~ or applicant's system for monitoring the receipt, manufacture, distribution~~,~~ and disposition of controlled substances in its operations; and~~.~~

o) The applicability of the security requirements contained in all federal, State and local laws and regulations governing the management of waste.

(Source: Amended at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.330 Physical Security Controls for Non-Practitioners

Raw materials, bulk materials awaiting processing, and finished products that~~which~~ are controlled substances listed in any Schedule shall be stored in compliance with the physical security controls set forth in 21 CFR 1301.72 (April 1, 2014).~~one of the following secure storage areas:~~

~~a) Where small quantities permit, a safe:~~

~~1) Which safe has an Underwriters' Laboratories Burglary Rating of T-20, E or better, or the equivalent of such a safe;~~

~~2) Which safe, if it weighs less than 750 pounds, is bolted or cemented to the floor or wall in such a way that it cannot be readily removed; and~~

~~3) Which safe, if necessary, depending upon the quantities and type of controlled substances stored, is equipped with an alarm system which, upon unauthorized entry, shall transmit a signal directly to a central protection company of a local or state police agency which has a legal duty to respond, or a 24-hour control station operated by the registrant, or such other protection as the Department may approve.~~

~~b) A vault which is of substantial construction with a steel door, combination lock or key lock, and an alarm system.~~

(Source: Amended at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.340 Physical Security Controls for Practitioners

a) Controlled substances listed in Schedules~~Schedule~~ I and II shall be stored in a securely locked, substantially constructed cabinet.

b) Controlled substances listed in Schedules ~~II,~~ III, IV and V shall be stored in a securely locked, substantially constructed cabinet. However, pharmacies ~~and institutional practitioners (as defined under federal statutes)~~ may disperse those~~such~~ substances throughout the stock of non-controlled substances in ~~such~~ a manner so as to obstruct the theft or diversion of the controlled substances.

c) This Section shall also apply to non-practitioners authorized to conduct instructional activities or chemical analysis under another registration.

(Source: Amended at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.350 Other Security Controls for Practitioners

a) The licensee~~registrant~~ shall not employ as an agent or employee who has access to controlled substances any person who has had an application for DEA registration or state controlled substances license~~registration~~ denied, ~~or~~ has had his or her DEA registration or state controlled substances license~~registration~~ suspended or revoked, ~~or~~ has surrendered his or her DEA registration~~federal~~ or state controlled substances license in lieu of discipline,~~registration~~ or has been convicted of a violation of state or federal law relative to the manufacture, distribution, dispensing or possession of controlled substances.

b) The Director, for good cause shown, may, in his or her discretion, waive the requirement of subsection (a)~~, above~~.

(Source: Amended at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.360 Record and Inventorying Requirements Generally

a) Every licensee~~registrant~~ shall keep records and maintain inventories in conformance with the record keeping and inventorying requirements of federal law, including the requirements prescribed in 21 CFR~~Part~~ 1304 (April 1, 2014)~~ of Title 21 of the Code of Federal Regulations~~, and, for pharmacies, the rules

promulgated pursuant to the Pharmacy Practice Act (68 Ill. Adm. Code 1330).

b) All prescription information for electronic controlled substance prescriptions shall be readily retrievable and immediately available to any Division inspector upon request.

c) Every licensee shall conduct an annual inventory that includes an inventory with an actual count of the inventory on hand for all Schedule II Controlled Substances and an approximate inventory for all Schedule III, IV and V Controlled Substances. The inventory shall be maintained for a period of not less than 5 years.

d) After a loss or theft of controlled substances, a licensee shall conduct an approximate count inventory with a start date of the last inventory for the controlled substance that was either lost or stolen.

e) In every instance that a licensee is required by 21 CFR 1301.76 (April 1, 2014) to file with the DEA a Report of Theft or Loss of Controlled Substances (Form 106), a copy shall be sent to the Division within one business day after submission to the DEA, along with the printed name of the person who signed the form. Failure to do so may result in discipline of the licensee. This information should be sent to the Drug Compliance Unit of the Division.

f) The following shall apply to all licensed pharmacies:

1) Every licensee shall keep a suitable book, file or electronic record keeping system in which shall be preserved for a period of not less than 5 years the original, or an exact, unalterable image, of every written prescription and the original transcript or copy of every verbal prescription filled, compounded or dispensed. The book or file of prescriptions shall at all reasonable times be open to inspection by the duly authorized agents or employees of the Division.

2) Every prescription filled or refilled shall contain in the prescription record the unique identifiers of the persons authorized to practice pharmacy under the Pharmacy Practice Act who fills or refills the prescription.

3) Records kept pursuant to this Section may be maintained in an alternative data retention system, such as a direct digital imaging system, provided that:

i) The records maintained in the alternative data retention system contain all of the information required in a manual record;

ii) The data processing system is capable of producing a hard copy of the electronic record on the request of the Division, its representative, or other authorized local, State, or federal law enforcement or regulatory agency;

iii) The digital images are recorded and stored only by means of a technology that does not allow subsequent revision or replacement of the images; and

iv) The prescriptions may be retained in written form or recorded in a data recording processing system, provided that the order can be produced in printed form upon lawful request.

4) As used in subsection (f)(3), "digital imaging system" means a system, including people, machines, methods of organization and procedures, that provides input, storage, processing, communications, output and control functions for digitized representations of original prescription records.

(Source: Amended at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.370 Persons Entitled to Issue Prescriptions

a) A prescription for a controlled substance may be issued only by an individual practitioner who~~ is~~:

1) Holds an active professional license in Illinois as an individual practitioner~~Authorized to prescribe controlled substances by the State of Illinois~~; and

2) Holds an active controlled substances license under the Act~~Deemed registered~~ or is exempted from licensure~~registration~~ pursuant to Section 3100.80~~Paragraph 1302 of the Act~~.

b) A prescription issued by an individual practitioner may be communicated to a pharmacist by an employee or agent of the individual practitioner pursuant to the directions and order of ~~the~~ that~~said~~ practitioner in conformance with Section 312 of the Act.

(Source: Amended at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.380 Purpose of Issuance~~Issue~~ of a Prescription

a) A prescription for a controlled substance to be effective must be issued for a legitimate medical purpose by an individual practitioner acting in the usual course of his or her professional practice. The responsibility for the proper prescribing and dispensing of controlled substances is upon the prescribing practitioner, but a corresponding responsibility rests with the pharmacist who fills the prescription. An order purporting to be a prescription within the meaning and intent of Section 312~~Paragraphs 1308-1312~~ of the Act, but that is not, and the person knowingly filling such a purported prescription, as well as the person issuing it, shall be subject to the penalties provided for violations of the provisions of law relating to controlled substances.

b) A prescription may not be issued in order for an individual practitioner to obtain controlled substances for supplying the individual practitioner for the purpose of general dispensing to patients.

c) A prescription may not be issued for the dispensing of narcotic drugs listed in any Schedule to a narcotic drug dependent person for the purpose of continuing his or her dependence upon such drugs, except in the case of the course of conducting an authorized clinical investigation in the development of a narcotic addict rehabilitation program.

d) A practitioner shall not self-prescribe or self-dispense controlled substances. A practitioner may not prescribe controlled substances to an immediate family member unless there is a bona fide practitioner-patient relationship and appropriate records are maintained for all treatment of the family member.

e) The provisions of the federal Ryan Haight Online Pharmacy Consumer Protection Act of 2008 (Ryan Haight Act) (21 USC 801 et seq.) also apply and all federal

regulations (74 Fed. Reg. 15596 (April 6, 2009)) adopted under that Act are hereby incorporated by reference.

(Source: Amended at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.390 Manner of Issuance of Prescription

a) All prescriptions for controlled substances shall be dated as of, and signed on, the day when issued and shall bear the full name and address of the patient, the drug name, strength, dosage form, quantity prescribed, directions for use, and the name, address~~,~~ and DEA~~federal~~ registration number of the practitioner. ~~A practitioner may sign a prescription in the same manner as he would sign a check or legal document (e.g., "J. H. Smith" or "John H. Smith"). Where an oral order is not permitted, prescriptions shall be written with ink or indelible pencil or typewriter and shall be manually signed by the practitioner. The prescriptions may be prepared by a secretary or agent for the signature of a practitioner except in the instances of a Schedule II prescription, but the prescribing practitioner is responsible in case the prescription does not conform in all essential respects to the law and regulations. A corresponding liability rests upon the pharmacist who fills a prescription not prepared in the form prescribed by this Part.~~

b) A practitioner may sign a paper prescription in the same manner as he or she would sign a check or legal document (e.g., J.H. Smith or John H. Smith). When an oral order is not permitted, paper prescriptions shall be written with ink or printed and shall be manually signed by the practitioner. A computer-generated prescription that is printed out or faxed by the practitioner must be manually signed.

c) A prescription may be prepared by the secretary or agent for the signature of a practitioner, but the prescribing practitioner is responsible in case the prescription does not conform in all essential respects to the Act and this Part. A corresponding liability rests upon the pharmacist, including a pharmacist employed by a central fill pharmacy, who fills a prescription not prepared in the form required by this Part. Neither a pharmacist nor a pharmacy technician may act as an agent for a practitioner.

d) Prescriptions sent via a facsimile transmission do not constitute electronic prescriptions in accordance with Section 311.5 of the Act.

e) Electronic prescribing is permitted as described in Section 311.5 of the Act.

~~b) Any person referred to in Section 3100.80 who is exempted from registration under statute or this Part shall include on all prescriptions issued by him the registration number of the hospital or other institution and the special internal code number assigned to him by the hospital or other institution as provided in statute or this Part, in lieu of the registration number of the practitioner required by this Part. Each prescription shall have the name of the person so specified by Section 1650.80 printed on it.~~

~~c) An official exempted from registration under statute shall include on all prescriptions issued by him, his branch of service or agency (e.g., "U. S. Army" or "Public Health Service") and his service identification number, in lieu of the registration number of the practitioner required by these regulations. The service identification number for a Public Health Service practitioner is his social security identification number. Each prescription shall have the name of the officer stamped or printed on it, as well as the signature of the officer. Public Health Service practitioners shall issue prescriptions for Schedule II controlled substances on conventional prescription forms, not triplicate prescription blanks.~~

(Source: Amended at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.400 Requirement of Prescription for Schedule II Controlled Substances

a) A pharmacist may fill a Schedule II controlled substance prescription ~~only~~ upon a written or electronic prescription that conforms~~triplicate prescription blank and in accordance~~ with the requirements of Section 311.5 or 312~~Paragraph 1311~~ of the Act, respectively, and the requirements of this Part~~, except a prescription issued by a Public Health Service practitioner or out-of-state practitioner may be filled when written upon a conventional prescription form~~.

b) An individual practitioner may administer or dispense directly a controlled substance listed in Schedule II in the course of his or her professional practice subject to the Act and this Part.

c) Changes in a Prescription

1) A pharmacist may not change the following components of a prescription for a Schedule II controlled substance:

A) Date written, or add the date;

B) Name of the patient;

C) Name of the prescriber, or add a signature; and

D) Name of the drug.

2) Any other components of a prescription for a Schedule II controlled substance may be changed after consultation with the prescriber.

~~c) An institutional practitioner may administer or dispense directly (but not prescribe) a controlled substance listed in Schedule II only pursuant to a written prescription signed by the prescribing individual practitioner or to an order for medication made by an individual practitioner which is dispensed for immediate administration to the ultimate user.~~

d) In an emergency situation, as defined by subsection (e)~~, below~~, a pharmacist, in accordance with requirements in 21 CFR~~Section~~ 1306.11(d) (April 1, 2014)~~ of Title 21 of the Code of Federal Regulations~~ and Section 309~~Paragraph 1309~~ of the Act, may fill an oral prescription for a Schedule II controlled substance~~prescription which is oral or written on a form other than a triplicate prescription blank~~.

e) For the purposes of authorizing an oral prescription of a controlled substance listed in Schedule II of the Act, the term "emergency situation" means those situations in which the prescribing practitioner determines that:

1) Immediate~~That immediate~~ administration of the controlled substance is necessary for proper treatment of the intended ultimate user; ~~and~~

2) No~~That no~~ appropriate alternative treatment is available, including administration of a drug that~~which~~ is not a controlled substance under Schedule II of the Act; and

3) It~~That it~~ is not reasonably possible for the prescribing practitioner to provide a written prescription to be presented to the person dispensing the substance, prior to the dispensing.

f) Notwithstanding any other provision in this Section, prescriptions for Schedule II controlled substances may be sent to a pharmacy via facsimile in accordance with Section 313 of the Act.

(Source: Amended at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.410 Refilling of Prescription

a) Each refilling of a prescription of a controlled substance listed in Schedules III, IV or V:

1) shall be entered on the back of the prescription or in the electronic prescription record;~~and~~

2) shall indicate the date, quantity~~,~~ and name or initials of the dispensing pharmacist for each prescription;~~ and~~

3) shall be dated by the pharmacist as of the date of dispensing;~~,~~ and

4) shall state the amount dispensed.

b) If the pharmacist merely signs or initials and dates the back of the prescription, he or she shall be deemed to have dispensed a refill for the full face amount of the prescription.

c) A pharmacist may contact the prescriber to refill a Schedule III, IV or V controlled substance only at the request of a patient or patient's representative. The patient's agreement to utilize a pharmacy auto-fill program, medication adherence plan or long term care or similar related care contract constitutes a request from the patient.

(Source: Amended at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.420 Partial Filling of Prescriptions

a) The partial filling of a prescription for a controlled substance listed in Schedules III,~~II,~~ IV or V is permissible within 6 months after the date on which the prescription was issued provided that:

1) The total quantity dispensed in all partial fillings does not exceed the total quantity prescribed;

2) Each partial filling is recorded in the same manner as a refilling, but shall not be considered a refill.

b) When Partial Filling of a Schedule II Controlled Substance is Permissible

1) Except as provided in subsection~~subparagraph~~ (b)(2), ~~below,~~ the partial filling of a prescription for a controlled substance listed in Schedule II is permissible, if the pharmacist is unable to supply the full quantity called for in a written or emergency oral prescription and he or she makes a notation of the quantity supplied on the face of the written prescription, ~~(or~~ written record of the emergency oral prescription, or in the electronic prescription record~~)~~. The remaining portion of the prescription may be filled within 72 hours after~~of~~ the first partial filling; however, if the remaining portion is not or cannot be filled within the 72-hour period, the pharmacist shall so notify the prescribing individual practitioner. No further quantity may be supplied beyond 72 hours without a new prescription.

2) A prescription~~Prescriptions~~ for Schedule II controlled substances written for a patient~~patients~~ in a long term care facility~~Long Term Care Facilities~~ (LTCF) or for a patient with a medical diagnosis documenting a terminal illness may be filled in partial quantities, to include individual dosage units. If there is any question whether the patient may be classified as having a terminal illness, contact the practitioner prior to partially filling the prescription. Both the pharmacist and the prescribing practitioner have a corresponding responsibility to assure that the controlled substance is for a terminally ill patient. The pharmacist must record on the prescription whether the patient is terminally ill or an LTCF patient. A prescription that is partially filled and does not contain the notation "terminally ill" or "LTCF patient" shall be deemed to have been filled in violation of the Act. For each partial filling, the dispensing pharmacist shall record on the back of the prescription (or on another appropriate record, uniformly maintained, and readily retrievable) the date of the partial filling, quantity dispensed, remaining quantity authorized to be dispensed and the identification of the dispensing pharmacist. The total quantity of Schedule

II controlled substances dispensed in all partial fillings must not exceed the total quantity prescribed. Schedule II prescriptions, for patients in an~~a~~ LTCF or for patients with a medical diagnosis documenting a terminal illness~~,~~ shall be valid for a period not to exceed 60 days from the issue date unless sooner terminated by the discontinuance of medication.

3) Information pertaining to current Schedule II prescriptions for patients in an~~a~~ LTCF or for patients with a medical diagnosis documenting a terminal illness may be maintained in a computerized system if this system has the capability to permit:

A) Output (display or printout) of the original prescription number, date of issue, identification of prescribing individual practitioner, identification of patient, address of the~~identification of~~ LTCF or address of the hospital or residence of the terminally ill patient, identification of medication authorized (to include dosage form, strength and quantity), listing of partial fillings that have been dispensed under each prescription and the information required in subsection~~subparagraph~~ (b)(2)~~, above~~.

B) Immediate (real time) updating of the prescription record each time a partial filling of the Schedule II prescription is conducted.

C) Retrieval of partially filled Schedule II prescription information is the same as required by 21 CFR~~Section~~ 1306.22(b)(4) and (5) (April 1, 2014)~~ of Title 21 of the Code of Federal Regulations~~ for Schedule III and IV prescription refill information.

(Source: Amended at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.430 Prescriptions from Out-of-State Practitioners and Exempt Federal Practitioners

a) Notwithstanding any other provision of this Part, Illinois pharmacists may fill prescriptions for controlled substances issued by a practitioner actively licensed in another United States jurisdiction and who holds an active DEA registration in conformance with the Act and this Part. ~~Every pharmacist who fills an emergency Schedule II prescription, or a Schedule II prescription issued by an out-of-state practitioner or an exempt federal practitioner, shall make a copy and endorse on~~

~~the reverse side of such copy the name and address of the pharmacy, the date when filled and the signature of the pharmacist who filled such prescription and forward said copies as set forth in Paragraph 1311 of the Act.~~

~~b)~~ ~~For purposes of this Section, an out-of-state practitioner is one who is of a category licensed in this state to issue prescriptions.~~

(Source: Amended at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.440 Authority to Make Inspections

a) In carrying out its functions under the Act, the Division,~~Department~~ through its inspectors, is authorized in accordance with Section 302~~Paragraph 1302~~ of the Act to enter controlled premises and conduct administrative inspections of those premises,~~thereof~~ with subpoena or notice, during regular business hours and without disrupting patient care, for the purpose of:

1) Inspecting, copying and verifying the correctness of records, reports or other documents required to be kept or made under the Act and this Part. Upon the Division's request, the licensee's agent or employee shall produce those records. ~~the rules promulgated under the Act, including, but not limited to, inventory and other records required to be kept pursuant to this Part, order form records required to be kept pursuant to this Part, prescription and distribution records required to be kept pursuant to this Part, shipping records identifying the name of each carrier used and the date and quantity of each shipment, and storage records identifying the name of each warehouse used and the date and quantity of each storage;~~

2) Inspecting within reasonable limits and in a reasonable manner all pertinent equipment, finished and unfinished controlled substances and other substances or materials, containers and labeling found at the controlled premises relating to the Act;

3) Making a physical inventory of all controlled substances on hand at the premises;

4) Collecting samples of controlled substances or precursors or any other relevant evidence (in the event any samples are collected during an inspection, the inspector shall issue a receipt for the~~such~~ samples to the

owner, operator or agent in charge of the premises).~~;~~

~~5) Checking of records and information on distribution of controlled substances by the registrant as they relate to total distribution of the registrant (i.e., has the distribution in controlled substances increased markedly within the past year and, if so, why?); and~~

~~6) Except as provided by law, all other things therein (including records, files, papers, processes, controls and facilities) appropriate for verification of the records, reports and documents referred to above or otherwise bearing on the above provisions of the Act and the rules thereunder.~~

b) Refusal by the licensee, ~~registrant or~~ owner, operator, agent or other person in charge of the controlled premises to allow inspection and fully comply with the inspection ~~pursuant to this Part,~~ shall constitute a basis for suspension or revocation of registration.

(Source: Amended at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.450 Inspections

a) An inspection shall be carried out by an inspector or designee from the Division~~Department~~ authorized by the Act or other Illinois statute to carry out the~~such~~ inspection.

b) The~~Such~~ inspector or designee upon entry shall:

1) State the purpose of his or her inspection to the owner, operator, agent or other person in charge of the premises to be inspected.

2) Present appropriate credentials to the~~such~~ owner, operator, agent or other person in charge ~~for making such inspection~~.

c) Appropriate credentials for the making of an~~such~~ inspection shall include but are not limited to a duly issued identification card, badge, etc., of the Division for the inspector or designee.~~:~~

~~1) Duly issued identification card, badge, etc., of the Department for such inspector;~~

~~2) Notice of inspection issued by the Department containing:~~

~~A) The name and title of the owner, operator, agent or other person in charge of the premises;~~

~~B) The controlled premises name;~~

~~C) The controlled premises address to be inspected;~~

~~D) The date of the inspection; and~~

~~E) The signature of the inspector.~~

d) A designee is an employee of the Division with the training and expertise equivalent to an inspector of the Division.

(Source: Amended at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.460 Failure to Comply with Rules

a) Failure of a licensee~~registrant~~ to comply with this Part~~the rules as set forth herein~~ constitutes a basis for revocation, ~~or~~ suspension or other discipline of the licensee's license~~such registrant's certificate of registration~~.

b) Failure of an applicant ~~for registration~~ to comply with this Part as applicable to that~~such~~ applicant constitutes a basis for denial of licensure~~such application~~.

(Source: Amended at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.470 Address for Notices (Repealed)

~~a) Unless the Act or this Part otherwise provides, all notices required by this Part to be sent to the Department or Director shall be sent to the Department of Professional Regulation, 100 West Randolph, Suite 9-300, Chicago, Illinois 60601, by certified mail, return receipt requested.~~

~~b) Street Address~~

~~1) Every applicant or registrant shall provide the Department with an address to which all communications from the Department to such applicant or registrant shall be sent. Such address shall be an actual street address and shall include the city or town, state and zip code number.~~

~~2) Furnishing of post office box numbers or other forms of address shall not constitute sufficient compliance with subsection (b)(1).~~

~~c) The address required by subsection (b) shall be provided by the applicant or registrant either as part of his/her application for registration or renewal or by letter to the Department.~~

(Source: Repealed at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.480 Granting Variances~~Suspension or Modification of Rules and Regulations~~

The Director may grant variances from this Part in individual cases when he or she finds that:

a) the provision from which the variance is granted is not statutorily mandated;

b) no party will be injured by the granting of the variance; and

c) the rule from which the variance is granted would, in the particular case, be unreasonable or unnecessarily burdensome.

~~This Part may be suspended or modified by the Director of the Department, in whole or in part, in the interests of justice. The Department, by and through its Director, reserves the right to waive compliance with any of this Part whenever, in the Director's judgment, no party will be injured thereby.~~

(Source: Amended at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.490 Construction of Rules and Regulations (Repealed)

~~This Part should not be construed to abrogate, modify or limit any rights, privileges or immunities granted or protected by the Constitution or laws of the State of Illinois nor to deny any person life, liberty or property without due process of law.~~

(Source: Repealed at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.500 Ordering Schedule II Controlled Substances~~Written Order~~

a) Schedule II controlled~~Controlled~~ substances ~~identified below~~ shall be distributed to a licensee and received by a licensee~~registrant to another registrant~~ only upon completion of an Administration Form 222.~~pursuant to a written order:~~

~~1) which are listed under Schedule I or II of the Schedules of Controlled Substances provided by the Illinois Controlled Substances Act or the rules prescribed by the Illinois Dangerous Drugs Commission; and~~

~~2) which are not listed under Schedule I or II of the Schedules of Controlled Substances of either the federal Controlled Substances Act or Title 21 of the Code of Federal Regulations.~~

~~b) Such written order:~~

~~1) shall contain the following information:~~

~~A) name, address and Drug Enforcement Administration ("DEA") registration number of the ordering registrant;~~

~~B) name, address and DEA registration number of the selling or transferring registrant;~~

~~C) name of the drug ordered;~~

~~D) finished or bulk form and strength of the article (e.g., 50 mg. tablet);~~

~~E) number of the units or volume in each container (e.g., 100-tablet bottle, one ml. ampoule, 10 ml. vial);~~

~~F) number of containers ordered; and~~

~~G) name and quantity per unit of the controlled substances contained in the article ordered if not in pure form (e.g., Talwin Comp. 12.5 mg. per tablet); and~~

~~2) shall be signed and dated by a person authorized to execute federal order forms or his attorney in fact.~~

b~~c~~) The original of the Administration Form 222~~such written order~~ shall be maintained by the selling or transferring licensee~~registrant~~ for a period of two years with such other controlled substances records as shall be maintained by the licensee~~such registrant~~. A copy of the Administration Form 222~~such written order~~ shall be maintained by the ordering licensee~~registrant~~ for a period of two years~~ with such other controlled substances records as shall be maintained by such registrant~~.

(Source: Amended at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.510 ~~Paragraph 1312(d)~~ Record Keeping

Records for dispensing and administering required by Section 312(d) of the ~~Illinois Controlled Substances~~ Act ~~(Ill. Rev. Stat. 1985, ch. 56, par. 1312(d))~~ shall be kept in accordance with 21 CFR 1304 (April 1, 2014).~~as follows:~~

~~a) Schedule II~~

~~1) Designated Products~~

~~A) Designated products dispensed, but not administered, by an individual practitioner shall be recorded on an official triplicate prescription blank. A legible duplicate prescription blank shall be sent to the Department by the 15th day of the month following the month in which the controlled substance was dispensed. The original of the prescription blank shall be retained by the practitioner for two years and kept separately from prescription blanks recording actual prescriptions. Prescription blanks required by this Section shall be marked with a "D" in the upper right-hand corner.~~

~~B) Designated products administered by an individual practitioner shall be recorded on a separate document entitled "Patient Controlled Substances Record."~~

~~2) Non-Designated Products~~
~~Schedule II controlled substances which are not designated products and which are dispensed or administered by an individual practitioner shall be recorded on a separate document entitled "Patient Controlled Substances Record."~~

~~b) Schedules III, IV and V~~
~~Schedules III, IV and V controlled substances which are dispensed by an individual practitioner shall be recorded on a separate document entitled "Patient Controlled Substances Record." This subsection (b) does not apply to Schedules III, IV and V controlled substances administered by an individual practitioner.~~

~~c) All Patient Controlled Substances Records, for Schedules II through V, required by this Section shall be maintained in the same place and shall be arranged alphabetically by drug or substance, with a separate record for each dosage form. For each instance of dispensing or administering, the "Patient Controlled Substances Record" shall contain an entry with the following information:~~

~~1) The date of dispensing or administering;~~

~~2) The name of the patient to whom the drug or substance was dispensed or administered;~~

~~3) The quantity (number of units or volume) dispensed or administered; and~~

~~4) The name or initials of the individual who dispensed or administered the controlled substance on behalf of the individual practitioner, if not dispensed or administered by the practitioner himself.~~

(Source: Amended at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.520 Emergency Medication Kits

Long term care facilities may store controlled substances in an~~the~~ emergency medication kit if permitted by the licensing regulations of the Illinois Department of Public Health for the facility's particular level of care ("DPH Standards"). The following requirements must be met when controlled substances are stored in emergency medication kits:

a) Controlled substances for emergency medication kits must be obtained from a

DEA registered hospital, pharmacy or practitioner.

b) Emergency medication kits shall be safeguarded as provided in DPH Standards.

c) Only the director of nursing services, registered nurse on duty, licensed practical nurse on duty, or consultant pharmacist or practitioner shall have access to controlled substances stored in emergency medication kits.

d) No more than 10~~ten~~ different controlled substances shall be placed in an emergency medication kit, and there shall be no more than three single, injectible doses of each controlled substance.

e) Controlled substances in emergency medication kits may be administered only under the emergency conditions set forth in DPH Standards and only by registered nurses, licensed practical nurses or practitioners, in compliance with ~~Paragraphs~~ 21 CFR 1306.11 and 1306.21 (April 1, 2014)~~of Title 21 of the Code of Federal Regulations~~.

f) A proof-of-use sheet shall be contained in the emergency medication kit for each separate controlled substance included. Entries shall be made on the proof-of-use sheet by the nursing staff or practitioner when any controlled substances from the kit are used. The consultant pharmacist shall receive and file for two years a copy of all completed proof-of-use sheets.

g) Whenever the emergency medication kit is opened, the consultant pharmacist shall be notified within 24 hours. During any period that the emergency kit is opened, a shift count shall be done on all controlled substances until the kit is closed or locked by the consultant pharmacist. Shift counts are not mandatory when the kit is sealed. Proper forms for shift counts shall be contained in the emergency medication kit.

h) The consultant pharmacist shall check the controlled substances in the emergency medication kit at least monthly and so document inside the kit.

i) Failure to comply with any provision of this Section, or of any applicable provision of State~~state~~ or federal statutes or regulations pertaining to controlled substances will result in loss of the privilege of having or placing controlled substances in emergency medication kits.

(Source: Amended at 39 Ill. Reg. 3656, effective February 27, 2015)

Section 3100.530 Transfer Between Pharmacies of Prescription Information for Refill Purposes

Transfer between pharmacies of prescription information shall be done in accordance with 68 Ill. Adm. Code 1330.720 (rules of the Pharmacy Practice Act).

~~a) The one-time transfer of original prescription information for a controlled substance listed in Schedules III, IV or V of the Illinois Controlled Substances Act (Ill. Rev. Stat. 1981, ch. 56½, pars. 1207-1212) for the purpose of refill dispensing is permissible between pharmacies on a one-time basis subject to the following requirements.~~

~~b) The transfer is communicated directly between two licensed pharmacists and the transferring pharmacist completes the following steps:~~

~~1) Invalidates the prescription by writing the word "VOID" on the face of same.~~

~~2) Records on the reverse of the invalidated prescription the name, address and the DEA registration number of the pharmacy to which it was transferred and the name of the pharmacist receiving the prescription information.~~

~~3) Records the date of the transfer and the name of the pharmacist transferring the information.~~

~~c) The pharmacist receiving the transferred prescription information shall take the following steps.~~

~~1) Write the word "transfer" on the face of the transferred prescription.~~

~~2) Provide all information required to be on a prescription pursuant to Section 3100.390 and include:~~

~~A) Date of issuance of original prescription;~~

~~B) Original number of refills authorized on original prescription;~~

~~C) Date of original dispensing;~~

~~D) Number of valid refills remaining and date of last refill;~~

~~E) Pharmacy's name, address, DEA registration number and date original prescription information was transferred;~~

~~F) Name of transferor pharmacist.~~

~~3) Both the original and transferred prescription must be maintained for a period of two years from the date of last refill.~~

~~d) Pharmacies electronically accessing the same prescription record must satisfy all information requirements of a manual mode for prescription transferral as described in subsections (a) and (b) above.~~

(Source: Amended at 39 Ill. Reg. 3656, effective February 27, 2015)

HIGHER EDUCATION TRAVEL CONTROL BOARD

NOTICE OF ADOPTED AMENDMENT

1) Heading of the Part: Higher Education Travel

2) Code Citation: 80 Ill. Adm. Code 2900

3) Section Number: 2900.60 — Adopted Action: Amendment

4) Statutory Authority: Implementing and authorized by Sections 12-1, 12-2 and 12-3 of the State Finance Act [30 ILCS 105/12-1, 12-2 and 12-3]

5) Effective Date of Rule: February 27, 2015

6) Does this rulemaking contain an automatic repeal date? No

7) Does this rulemaking contain incorporations by reference? No

8) A copy of the adopted rule, including any material incorporated by reference, is on file in the Agency's principal office and is available for public inspected.

9) Notice of Proposal published in the *Illinois Register*: March 14, 2014, 38 Ill. Reg. 5927.

10) Has JCAR issued a Statement of Objection to this rulemaking? No

11) Differences between Proposal and Final Version: None

In the Table of Contents, added "Section" two lines under the SUBPART B header.

In Section 2900.60(a)(3), in the last line, changed "such daily travel" to "this daily travel".

In Section 2900.60(b), in the ninth line, changed "where mileage is not available" to "when mileage is not available".

In Section 2900.60(b), in the last line, changed "may be claimed as such" to "may be claimed."

12) Have all the changes agreed upon by the Agency and JCAR been made as indicated in the agreements issued by JCAR? Yes

HIGHER EDUCATION TRAVEL CONTROL BOARD

NOTICE OF ADOPTED AMENDMENT

13) Will this rulemaking replace any emergency rule currently in effect? No

14) Are there any rulemakings pending on this Part? No

15) Summary and Purpose of Rulemaking: Amends Section 2900.60 to reflect changes in the federal reimbursement rate in compliance with PA 96-240.

16) Information and questions regarding this adopted rule shall be directed to:

Cathy Young
University of Illinois
Illini Plaza, Suite 210
1817 S. Neil Street
M/C 660
Champaign IL 61820

217/244-8750
fax: 217/239-6883
email: cyoung45@uillinois.edu

The full text of the Adopted Amendment begins on the next page:

HIGHER EDUCATION TRAVEL CONTROL BOARD

NOTICE OF ADOPTED AMENDMENT

TITLE 80: PUBLIC OFFICIALS AND EMPLOYEES
SUBTITLE I: GENERAL TRAVEL CONTROL
CHAPTER III: HIGHER EDUCATION TRAVEL CONTROL BOARD

PART 2900
HIGHER EDUCATION TRAVEL

SUBPART A: HIGHER EDUCATION TRAVEL CONTROL BOARD

Section
2900.10 Authority, Philosophy and Definitions
2900.15 Regular Meetings
2900.20 Special Meetings
2900.25 Quorum
2900.30 Powers and Duties
2900.35 Board Officers
2900.40 Election of Officers
2900.45 Duties of Officers
2900.50 Amendments to Bylaws

SUBPART B: TRAVEL REGULATIONS

Section
2900.55 Authority to Travel
2900.60 Allowable Transportation Expenses
2900.65 Special Expenses
2900.70 Lodging
2900.75 Employee Owned or Controlled Housing
2900.80 Meal Allowances
2900.85 Per Diem
2900.90 Receipts Required
2900.95 Meals for Other Persons
2900.100 Approved Conferences/Official Meetings
2900.105 Exceptions to the Regulations
2900.110 Travel Vouchers
2900.115 Reimbursement Rates

AUTHORITY: Implementing Section 12-1(a)(3) of the State Finance Act [30 ILCS 105/12-1(a)(3)] and authorized by Sections 1-5 and 1-20 of the Illinois Administrative Procedure Act [5

ILCS 100/1-5 and 1-20].

SOURCE: Adopted December 15, 1975; amended at 3 Ill. Reg. 32, p. 35, effective September 1, 1979; amended at 4 Ill. Reg. 44, p. 447, effective October 16, 1980; amended at 5 Ill. Reg. 5858, effective July 1, 1981; amended at 6 Ill. Reg. 9312, effective July 20, 1982; amended at 7 Ill. Reg. 2156, effective February 4, 1983; codified at 8 Ill. Reg. 5672; amended at 32 Ill. Reg. 4784, effective April 4, 2008; amended at 39 Ill. Reg. 3705, effective February 27, 2015.

Section 2900.60 Allowable Transportation Expenses

a) Allowable Expenses

1) Transportation may include fares and expenses incidental to transportation, such as baggage transfer, official telephone messages in connection with items classed as transportation and reasonable tips.

2) Reimbursement for taxicab fares incurred in the efficient and economical pursuit of the Agency's business will be allowed. All taxicab fares in excess of $10 shall be accompanied by a receipt indicating the amount paid.

3) When the nature and location of the work at a temporary duty station are such that suitable meals cannot be procured there, the expenses of daily travel required to procure meals at the nearest available place shall be considered necessary transportation. A statement of the necessity for this~~such~~ daily travel shall accompany the travel voucher.

4) Transportation between place of lodging and place of business at a temporary duty station shall be allowed as a transportation expense.

5) Reimbursement of expenses between the residence and the official headquarters of any individual subject to this Part shall not be allowed.

b) Routing of Travel
All travel shall be by the most direct route. Travel by other routes may be allowed when the necessity of that route is satisfactorily established by the Agency. The responsibility of insuring use of the most direct routes of travel possible, and for allowing use of other routes under certain circumstances, belongs with each individual Agency. Expenses due to deviations for

convenience shall be borne by the employee. Distances between destinations shall be determined using the Illinois Highway Map published by the Secretary of State and odometer readings when~~where~~ mileage is not available on the Highway Map. Mileage in and around a city of destination may be claimed~~ as such~~.

c) Mode of Travel

1) All travel shall be by the most economical mode of transportation available, considering travel time, costs, number of persons traveling together and work requirements. Modes of transportation authorized for official travel include automobiles, railroads, airlines, buses, taxicabs and other usual means of conveyance.

2) State vehicles shall be used when most economical. When applicable, vehicles rules (see 44 Ill. Adm. Code 5040) issued by the Department of Central Management Services shall govern the use of State owned vehicles. Agency rules further defining use of vehicles may also apply. Specific instructions covering services and repairs of these vehicles are to be found in the glove compartment of each vehicle.

d) Accommodations on Transportation Conveyances

1) Airplane Accommodations

A) Travel on airplane shall ordinarily be coach class.

B) Reimbursement for first-class or business-class accommodations on commercial air carriers shall be explained on the travel voucher and shall be permitted when any one of the following conditions exists:

i) Regularly scheduled flights between authorized origin and destination points provide only first-class or business-class accommodations.

ii) Space is not available in less-than-first-class or business-class accommodations in time to carry out the purpose of the travel.

iii) An Agency authorizes or approves the use of first-class or business-class accommodations as necessary for the conduct of the mission or for reasons of the traveler's health.

2) Arrangements on airplanes, trains or boats shall be the least costly reasonably available alternative.

3) Chartered aircraft, boats, trains, buses or such other conveyance shall be used only as a last resort or if proven to be most economical for the circumstances. A full explanation for the use of such transportation must accompany the voucher.

4) The rental of an auto while on travel status is allowed, if circumstances require. The most economical vehicle available that is suitable for the State's business shall be obtained. Optional insurance on rented vehicles is not reimbursable. Fuel service options may be reimbursed on a pro-rated basis.

e) Use of Privately Owned Vehicles

1) Privately owned vehicles may be used when authorized by appropriate Agency personnel. Employees using private vehicles while on State business must have insurance coverage in an amount not less than that required by Section 10-101(b) of the Illinois Vehicle Code [625 ILCS 5/10-101(b)]. Prior to authorization to use a privately owned vehicle the Agency head shall require employees to file a statement certifying that they are duly licensed and carry at least the minimum insurance coverage or shall require these certifications to be noted on the travel voucher.

2) When an individual rendering service to the Agency uses privately owned vehicles in the conduct of official business outside official headquarters and that use is authorized or approved by the Agency's authorized representative as being advantageous to the Agency, payment shall be made on a mileage basis and shall be in accordance with the rate established by the Council (see 80 Ill. Adm. Code 3000.300). ~~However, in the event the rate set under federal regulations increases during the course of the State's fiscal year, the effective date of the new rate shall be July 1 immediately following the change in the federal rate.~~ In the event the rate

set under federal regulations increases or decreases during the course of the State's fiscal year, the effective date of the new rate shall be the effective date of the change in the federal rate.

3) Reimbursement for the cost of vehicle parking fees and bridge, road and tunnel tolls shall be allowed. All fees or tolls in excess of $10 shall be accompanied by a receipt indicating the amount paid.

4) When the use of public transportation is a reasonable alternative, the mileage payment shall not exceed the cost of its use. A reasonable alternative exists when the cost of travel, taking into account both transportation, time and per diem expenses, would be less if public transportation were used.

5) Mileage will be payable to only one of 2 or more individuals traveling in the same vehicle. The names of the individuals and their respective employing Agencies shall be stated on the travel voucher.

6) Use by an employee of privately owned aircraft on State business is governed by 80 Ill. Adm. Code 3000.300(g).

f) Travel Through Headquarters

1) Examples of reimbursable mileage expenses are as follows:

A) Residence − Lincoln/Headquarters − Springfield. Employee drives from residence in Lincoln to Chicago and returns to residence. Reimbursement is for all mileage because the travel was not through headquarters.

B) Residence − Lincoln/Headquarters − Springfield. Employee drives from residence in Lincoln to Collinsville and back to residence. Reimbursement is for all mileage in excess of commuting mileage. The travel, by the most direct route, was through headquarters.

C) Residence − Carbondale/Headquarters − Marion. Employee drives from residence to headquarters. Later, employee drives from headquarters to Anna and back to residence. Reimbursement is for all mileage in excess of commuting mileage.

D) Residence − Evanston/Headquarters − Chicago. Employee drives from residence to McCormick Place for an event. After the event, the employee drives to headquarters, then to residence. Reimbursement is for all mileage in excess of commuting mileage because the travel was through headquarters.

E) Residence − Chicago/Headquarters − Chicago. Employee normally commutes to work by train. However, in order to attend a meeting at another location, the employee drives from residence to headquarters, then to the meeting location, then returns to headquarters and back to residence. Reimbursement is for all mileage in excess of commuting mileage. The fact that the employee normally rides the train to work has no effect on determining reimbursement.

2) As a condition of employment, employees expect to incur commuting expenses between their residence and headquarters. These expenses are not reimbursable. Meals, lodging and per diem are not reimbursable at headquarters or at residence.

(Source: Amended at 39 Ill. Reg. 3705, effective February 27, 2015)

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

1) Heading of the Part: Primary Drinking Water Standards

2) Code Citation: 35 Ill. Adm. Code 611

3)

Section Numbers:	Adopted Action:
611.102	Amendment
611.130	Amendment
611.381	Amendment
611.526	Amendment
611.531	Amendment
611.533	Amendment
611.600	Amendment
611.611	Amendment
611.612	Amendment
611.645	Amendment
611.732	Amendment
611.742	Amendment
611.802	Amendment
611.883	Amendment
611.884	Amendment
611.901	Amendment
611.907	Amendment
611.953	Amendment
611.955	Amendment
611.956	Amendment
611.1004	Amendment
611.1052	Amendment
611.1055	Amendment
611.1061	Amendment
611.Appendix G	Amendment

4) Statutory Authority: 415 ILCS 5/7.2, 17.5 and 27

5) Effective Date of Rule: February 24, 2015

6) Does this rulemaking contain an automatic repeal date? No

7) Does this rulemaking contain incorporations by reference? Yes

8) Statement of Availability: The adopted amendments, a copy of the Board's opinion and order adopted February 19, 2015 in docket R15-6, and all materials incorporated by reference are on file at the Board's principal office and are available for public inspection and copying.

9) Notice of Proposal published in the *Illinois Register*: November 21, 2014, 38 Ill. Reg. 21513

10) Has JCAR issued a Statement of Objection to this Rulemaking? No. Section 17.5 of the Environmental Protection Act [415 ILCS 5/17.5] provides that Section 5-35 of the Administrative Procedure Act [5 ILCS 100/5-35] does not apply to this rulemaking. Because this rulemaking is not subject to Section 5-35 of the APA, it is not subject to First Notice or to Second Notice review by the Joint Committee on Administrative Rules (JCAR).

11) Differences between Proposal and Final Version: A table that appears in the Board's opinion and order of February 19, 2015 in docket R15-6 summarizes the differences between the amendments adopted in that order and those proposed by the Board in an opinion and order dated November 6, 2014, in docket R15-6. Many of the differences are explained in greater detail in the Board's opinion and order adopting the amendments.

The differences are limited to minor corrections, most of which are based on suggestions submitted by JCAR and requests submitted by the Illinois Environmental Protection Agency (Agency) and USEPA. Completing the corrections requested by USEPA and the Agency has required adding 35 Ill. Adm. Code 611.130, 611.533, and 611.732 to this proceeding. The changes are intended to have no substantive effect. The intent is to add clarity to the rules without deviation from the substance of the federal amendments on which this proceeding is based. Discussion of the corrections appears in the Board' s opinion and order of February 19, 2015 in docket R15-6.

12) Have all the changes agreed upon by the Board and JCAR been made as indicated in the agreements issued by JCAR? Section 17.5 of the Environmental Protection Act [415 ILCS 5/17.5] provides that Section 5-35 of the Administrative Procedure Act [5 ILCS 100/5-35] does not apply to this rulemaking. Because this rulemaking is not subject to Section 5-35 of the APA, it is not subject to First Notice or to Second Notice review by JCAR.

Since the Notices of Proposed Amendments appeared in the November 21, 2014 issue of the *Illinois Register*, the Board received a number of suggestions for revisions from

JCAR. The Board evaluated each suggestion and incorporated a number of changes into the text as a result, as detailed in the opinion and order of February 19, 2015 in docket R15-6, as indicated in item 11 above. See the February 19, 2015 opinion and order in docket R15-6 for additional details on the JCAR suggestions and the Board actions with regard to each. One table in that opinion itemizes the changes made in response to various suggestions. Another table indicates JCAR suggestions not incorporated into the text, with a brief explanation for each.

13) Will this rulemaking replace an emergency rule currently in effect? No

14) Are there any other rulemakings pending on this Part? No

15) Summary and Purpose of Rulemaking: The following briefly describes the subjects and issues involved in the docket R15-6 rulemaking of which the amendments to Part 611 are a single segment. Also affected is 35 Ill. Adm. Code 611, which is covered by a separate notice in this issue of the *Illinois Register*. A comprehensive description is contained in the Board's opinion and order of February 19, 2015, adopting amendments in docket R15-6, which opinion and order is available from the address below.

This proceeding updates the Illinois Safe Drinking Water Act (SDWA) rules to correspond with amendments adopted by the United States Environmental Protection Agency (USEPA) that appeared in the Federal Register during a single update period. The docket and time period that is involved in this proceeding is the following:

R15-6 Federal SDWA amendments that occurred during the period January 1, 2014 through June 30, 2014.

The R15-6 docket amends rules in Parts 611. The following table briefly summarizes the federal actions in the update period:

February 26, 2014	(79 Fed. Reg. 10665) USEPA adopted minor corrections to the Revised the Total Coliform Rule.
June 19, 2014	(79 Fed. Reg. 35801) USEPA approved 21 alternative equivalent analytical methods for analyzing a variety of physical parameters and chemical and microbiological contaminants to demonstrate compliance with the drinking water standards.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

June 27, 2014 (79 Fed. Reg. 36428) USEPA corrected errors in the June 19, 2014 summary approval of alternative equivalent methods.

A comprehensive description of the adopted amendments is contained in the Board's opinion and order of February 19, 2015, adopting amendments in docket R15-6, which opinion and order is available from the address below. The Board has included a limited number of corrections and clarifying amendments that are not directly derived from the instant federal amendments.

Tables appear in the Board's opinion and order of February 19, 2015 in docket R15-6 that list the revisions to the text of the corresponding federal rule, the amendments that are not based on current federal amendments, and the revisions to the text since the Board's March 20, 2014 proposal for public comment. The tables contain deviations from the literal text of the federal amendments underlying these amendments, as well as corrections and clarifications that the Board made in the base text involved. Persons interested in the details of those corrections and amendments should refer to the February 19, 2015 opinion and order in docket R15-6.

Section 17.5 of the Environmental Protection Act [415 ILCS 5/17.5] provides that Section 5-35 of the Administrative Procedure Act [5 ILCS 100/5-35] does not apply to this rulemaking. Because this rulemaking is not subject to Section 5-35 of the APA, it is not subject to First Notice or to Second Notice review by the Joint Committee on Administrative Rules (JCAR).

16) Information and questions regarding this adopted rule shall be directed to: Please reference consolidated docket R15-6 and direct inquiries to the following person:

Michael J. McCambridge
Staff Attorney
Illinois Pollution Control Board
100 W. Randolph 11-500
Chicago IL 60601

312/814-6924
michael.mccambridge@illinois.gov

Request copies of the Board's opinion and order of February 19, 2015 at 312/814-3620. Alternatively, you may obtain a copy of the Board's opinion and order from the Internet at http://www.ipcb.state.il.us.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

The full text of the Adopted Amendments begins on the next page:

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

TITLE 35: ENVIRONMENTAL PROTECTION
SUBTITLE F: PUBLIC WATER SUPPLIES
CHAPTER I: POLLUTION CONTROL BOARD

PART 611
PRIMARY DRINKING WATER STANDARDS

SUBPART A: GENERAL

Section
611.100 Purpose, Scope, and Applicability
611.101 Definitions
611.102 Incorporations by Reference
611.103 Severability
611.105 Electronic Reporting
611.107 Agency Inspection of PWS Facilities
611.108 Delegation to Local Government
611.109 Enforcement
611.110 Special Exception Permits
611.111 Relief Equivalent to SDWA Section 1415(a) Variances
611.112 Relief Equivalent to SDWA Section 1416 Exemptions
611.113 Alternative Treatment Techniques
611.114 Siting Requirements
611.115 Source Water Quantity
611.120 Effective Dates
611.121 Maximum Contaminant Levels and Finished Water Quality
611.125 Fluoridation Requirement
611.126 Prohibition on Use of Lead
611.130 Special Requirements for Certain Variances and Adjusted Standards
611.131 Relief Equivalent to SDWA Section 1415(e) Small System Variance
611.160 Composite Correction Program
611.161 Case-by-Case Reduced Subpart Y Monitoring for Wholesale and Consecutive Systems

SUBPART B: FILTRATION AND DISINFECTION

Section
611.201 Requiring a Demonstration
611.202 Procedures for Agency Determinations

611.211 Filtration Required
611.212 Groundwater under Direct Influence of Surface Water
611.213 No Method of HPC Analysis
611.220 General Requirements
611.230 Filtration Effective Dates
611.231 Source Water Quality Conditions
611.232 Site-Specific Conditions
611.233 Treatment Technique Violations
611.240 Disinfection
611.241 Unfiltered PWSs
611.242 Filtered PWSs
611.250 Filtration
611.261 Unfiltered PWSs: Reporting and Recordkeeping
611.262 Filtered PWSs: Reporting and Recordkeeping
611.271 Protection during Repair Work
611.272 Disinfection Following Repair
611.276 Recycle Provisions

SUBPART C: USE OF NON-CENTRALIZED TREATMENT DEVICES

Section
611.280 Point-of-Entry Devices
611.290 Use of Point-of-Use Devices or Bottled Water

SUBPART D: TREATMENT TECHNIQUES

Section
611.295 General Requirements
611.296 Acrylamide and Epichlorohydrin
611.297 Corrosion Control

SUBPART F: MAXIMUM CONTAMINANT LEVELS (MCLs) AND MAXIMUM RESIDUAL DISINFECTANT LEVELS (MRDLs)

Section
611.300 Old MCLs for Inorganic Chemical Contaminants
611.301 Revised MCLs for Inorganic Chemical Contaminants
611.310 State-Only Maximum Contaminant Levels (MCLs) for Organic Chemical Contaminants

611.311 Revised MCLs for Organic Chemical Contaminants
611.312 Maximum Contaminant Levels (MCLs) for Disinfection Byproducts (DBPs)
611.313 Maximum Residual Disinfectant Levels (MRDLs)
611.320 Turbidity (Repealed)
611.325 Microbiological Contaminants
611.330 Maximum Contaminant Levels for Radionuclides
611.331 Beta Particle and Photon Radioactivity (Repealed)

SUBPART G: LEAD AND COPPER

Section
611.350 General Requirements
611.351 Applicability of Corrosion Control
611.352 Corrosion Control Treatment
611.353 Source Water Treatment
611.354 Lead Service Line Replacement
611.355 Public Education and Supplemental Monitoring
611.356 Tap Water Monitoring for Lead and Copper
611.357 Monitoring for Water Quality Parameters
611.358 Monitoring for Lead and Copper in Source Water
611.359 Analytical Methods
611.360 Reporting
611.361 Recordkeeping

SUBPART I: DISINFECTANT RESIDUALS, DISINFECTION BYPRODUCTS, AND DISINFECTION BYPRODUCT PRECURSORS

Section
611.380 General Requirements
611.381 Analytical Requirements
611.382 Monitoring Requirements
611.383 Compliance Requirements
611.384 Reporting and Recordkeeping Requirements
611.385 Treatment Technique for Control of Disinfection Byproduct (DBP) Precursors

SUBPART K: GENERAL MONITORING AND ANALYTICAL REQUIREMENTS

Section
611.480 Alternative Analytical Techniques

611.490 Certified Laboratories
611.491 Laboratory Testing Equipment
611.500 Consecutive PWSs
611.510 Special Monitoring for Unregulated Contaminants (Repealed)

SUBPART L: MICROBIOLOGICAL MONITORING AND ANALYTICAL REQUIREMENTS

Section
611.521 Routine Coliform Monitoring
611.522 Repeat Coliform Monitoring
611.523 Invalidation of Total Coliform Samples
611.524 Sanitary Surveys
611.525 Fecal Coliform and E. Coli Testing
611.526 Analytical Methodology
611.527 Response to Violation
611.528 Transition from Subpart L to Subpart AA Requirements
~~611.527 Response to Violation~~
611.531 Analytical Requirements
611.532 Unfiltered PWSs
611.533 Filtered PWSs

SUBPART M: TURBIDITY MONITORING AND ANALYTICAL REQUIREMENTS

Section
611.560 Turbidity

SUBPART N: INORGANIC MONITORING AND ANALYTICAL REQUIREMENTS

Section
611.591 Violation of a State MCL
611.592 Frequency of State Monitoring
611.600 Applicability
611.601 Monitoring Frequency
611.602 Asbestos Monitoring Frequency
611.603 Inorganic Monitoring Frequency
611.604 Nitrate Monitoring
611.605 Nitrite Monitoring
611.606 Confirmation Samples

611.607 More Frequent Monitoring and Confirmation Sampling
611.608 Additional Optional Monitoring
611.609 Determining Compliance
611.610 Inorganic Monitoring Times
611.611 Inorganic Analysis
611.612 Monitoring Requirements for Old Inorganic MCLs
611.630 Special Monitoring for Sodium
611.631 Special Monitoring for Inorganic Chemicals (Repealed)

SUBPART O: ORGANIC MONITORING AND ANALYTICAL REQUIREMENTS

Section
611.640 Definitions
611.641 Old MCLs
611.645 Analytical Methods for Organic Chemical Contaminants
611.646 Phase I, Phase II, and Phase V Volatile Organic Contaminants
611.647 Sampling for Phase I Volatile Organic Contaminants (Repealed)
611.648 Phase II, Phase IIB, and Phase V Synthetic Organic Contaminants
611.650 Monitoring for 36 Contaminants (Repealed)
611.657 Analytical Methods for 36 Contaminants (Repealed)
611.658 Special Monitoring for Organic Chemicals (Repealed)

SUBPART P: THM MONITORING AND ANALYTICAL REQUIREMENTS

Section
611.680 Sampling, Analytical, and other Requirements (Repealed)
611.683 Reduced Monitoring Frequency (Repealed)
611.684 Averaging (Repealed)
611.685 Analytical Methods (Repealed)
611.686 Modification to System (Repealed)
611.687 Sampling for THM Potential (Repealed)
611.688 Applicability Dates (Repealed)

SUBPART Q: RADIOLOGICAL MONITORING AND ANALYTICAL REQUIREMENTS

Section
611.720 Analytical Methods
611.731 Gross Alpha
611.732 Beta Particle and Photon Radioactivity

611.733 General Monitoring and Compliance Requirements

SUBPART R: ENHANCED FILTRATION AND DISINFECTION: SYSTEMS THAT SERVE 10,000 OR MORE PEOPLE

Section
611.740 General Requirements
611.741 Standards for Avoiding Filtration
611.742 Disinfection Profiling and Benchmarking
611.743 Filtration
611.744 Filtration Sampling Requirements
611.745 Reporting and Recordkeeping Requirements

SUBPART S: GROUNDWATER RULE

Section
611.800 General Requirements and Applicability
611.801 Sanitary Surveys for GWS Suppliers
611.802 Groundwater Source Microbial Monitoring and Analytical Methods
611.803 Treatment Technique Requirements for GWS Suppliers
611.804 Treatment Technique Violations for GWS Suppliers
611.805 Reporting and Recordkeeping for GWS Suppliers

SUBPART T: REPORTING AND RECORDKEEPING

Section
611.830 Applicability
611.831 Monthly Operating Report
611.832 Notice by Agency (Repealed)
611.833 Cross Connection Reporting
611.840 Reporting
611.851 Reporting MCL, MRDL, and other Violations (Repealed)
611.852 Reporting other Violations (Repealed)
611.853 Notice to New Billing Units (Repealed)
611.854 General Content of Public Notice (Repealed)
611.855 Mandatory Health Effects Language (Repealed)
611.856 Fluoride Notice (Repealed)
611.858 Fluoride Secondary Standard (Repealed)
611.860 Record Maintenance
611.870 List of 36 Contaminants (Repealed)

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

SUBPART U: CONSUMER CONFIDENCE REPORTS

Section
611.881 Purpose and Applicability
611.882 Compliance Dates
611.883 Content of the Reports
611.884 Required Additional Health Information
611.885 Report Delivery and Recordkeeping

SUBPART V: PUBLIC NOTIFICATION OF DRINKING WATER VIOLATIONS

Section
611.901 General Public Notification Requirements
611.902 Tier 1 Public Notice: Form, Manner, and Frequency of Notice
611.903 Tier 2 Public Notice: Form, Manner, and Frequency of Notice
611.904 Tier 3 Public Notice: Form, Manner, and Frequency of Notice
611.905 Content of the Public Notice
611.906 Notice to New Billing Units or New Customers
611.907 Special Notice of the Availability of Unregulated Contaminant Monitoring Results
611.908 Special Notice for Exceedence of the Fluoride Secondary Standard
611.909 Special Notice for Nitrate Exceedences above the MCL by a Non-Community Water System
611.910 Notice by the Agency on Behalf of a PWS
611.911 Special Notice for Cryptosporidium

SUBPART W: INITIAL DISTRIBUTION SYSTEM EVALUATIONS

Section
611.920 General Requirements
611.921 Standard Monitoring
611.922 System-Specific Studies
611.923 40/30 Certification
611.924 Very Small System Waivers
611.925 Subpart Y Compliance Monitoring Location Recommendations

SUBPART X: ENHANCED FILTRATION AND DISINFECTION –
SYSTEMS SERVING FEWER THAN 10,000 PEOPLE

Section
611.950 General Requirements
611.951 Finished Water Reservoirs
611.952 Additional Watershed Control Requirements for Unfiltered Systems
611.953 Disinfection Profile
611.954 Disinfection Benchmark
611.955 Combined Filter Effluent Turbidity Limits
611.956 Individual Filter Turbidity Requirements
611.957 Reporting and Recordkeeping Requirements

SUBPART Y: STAGE 2 DISINFECTION BYPRODUCTS REQUIREMENTS

Section
611.970 General Requirements
611.971 Routine Monitoring
611.972 Subpart Y Monitoring Plan
611.973 Reduced Monitoring
611.974 Additional Requirements for Consecutive Systems
611.975 Conditions Requiring Increased Monitoring
611.976 Operational Evaluation Levels
611.977 Requirements for Remaining on Reduced TTHM and HAA5 Monitoring Based on Subpart I Results
611.978 Requirements for Remaining on Increased TTHM and HAA5 Monitoring Based on Subpart I Results
611.979 Reporting and Recordkeeping Requirements

SUBPART Z: ENHANCED TREATMENT FOR CRYPTOSPORIDIUM

Section
611.1000 General Requirements
611.1001 Source Water Monitoring Requirements: Source Water Monitoring
611.1002 Source Water Monitoring Requirements: Sampling Schedules
611.1003 Source Water Monitoring Requirements: Sampling Locations
611.1004 Source Water Monitoring Requirements: Analytical Methods
611.1005 Source Water Monitoring Requirements: Approved Laboratories
611.1006 Source Water Monitoring Requirements: Reporting Source Water Monitoring Results
611.1007 Source Water Monitoring Requirements: Grandfathering Previously Collected Data

611.1008 Disinfection Profiling and Benchmarking Requirements: Requirements When Making a Significant Change in Disinfection Practice
611.1009 Disinfection Profiling and Benchmarking Requirements: Developing the Disinfection Profile and Benchmark
611.1010 Treatment Technique Requirements: Bin Classification for Filtered Systems
611.1011 Treatment Technique Requirements: Filtered System Additional Cryptosporidium Treatment Requirements
611.1012 Treatment Technique Requirements: Unfiltered System Cryptosporidium Treatment Requirements
611.1013 Treatment Technique Requirements: Schedule for Compliance with Cryptosporidium Treatment Requirements
611.1014 Treatment Technique Requirements: Requirements for Uncovered Finished Water Storage Facilities
611.1015 Requirements for Microbial Toolbox Components: Microbial Toolbox Options for Meeting Cryptosporidium Treatment Requirements
611.1016 Requirements for Microbial Toolbox Components: Source Toolbox Components
611.1017 Requirements for Microbial Toolbox Components: Pre-Filtration Treatment Toolbox Components
611.1018 Requirements for Microbial Toolbox Components: Treatment Performance Toolbox Components
611.1019 Requirements for Microbial Toolbox Components: Additional Filtration Toolbox Components
611.1020 Requirements for Microbial Toolbox Components: Inactivation Toolbox Components
611.1021 Reporting and Recordkeeping Requirements: Reporting Requirements
611.1022 Reporting and Recordkeeping Requirements: Recordkeeping Requirements
611.1023 Requirements to Respond to Significant Deficiencies Identified in Sanitary Surveys Performed by USEPA or the Agency

SUBPART AA: REVISED TOTAL COLIFORM RULE

Section
611.1051 General
611.1052 Analytical Methods and Laboratory Certification
611.1053 General Monitoring Requirements for all PWSs
611.1054 Routine Monitoring Requirements for Non-CWSs That Serve 1,000 or Fewer People Using Only Groundwater
611.1055 Routine Monitoring Requirements for CWSs That Serve 1,000 or Fewer People Using Only Groundwater

611.1056 Routine Monitoring Requirements for Subpart B Systems That Serve 1,000 or Fewer People
611.1057 Routine Monitoring Requirements for PWSs That Serve More Than 1,000 People
611.1058 Repeat Monitoring and E. coli Requirements
611.1059 Coliform Treatment Technique Triggers and Assessment Requirements for Protection Against Potential Fecal Contamination
611.1060 Violations
611.1061 Reporting and Recordkeeping

611.APPENDIX A Regulated Contaminants
611.APPENDIX B Percent Inactivation of G. Lamblia Cysts
611.APPENDIX C Common Names of Organic Chemicals
611.APPENDIX D Defined Substrate Method for the Simultaneous Detection of Total Coliforms and Eschericia Coli from Drinking Water
611.APPENDIX E Mandatory Lead Public Education Information for Community Water Systems
611.APPENDIX F Mandatory Lead Public Education Information for Non-Transient Non-Community Water Systems
611.APPENDIX G NPDWR Violations and Situations Requiring Public Notice
611.APPENDIX H Standard Health Effects Language for Public Notification
611.APPENDIX I Acronyms Used in Public Notification Regulation
611.TABLE A Total Coliform Monitoring Frequency
611.TABLE B Fecal or Total Coliform Density Measurements
611.TABLE C Frequency of RDC Measurement
611.TABLE D Number of Lead and Copper Monitoring Sites
611.TABLE E Lead and Copper Monitoring Start Dates
611.TABLE F Number of Water Quality Parameter Sampling Sites
611.TABLE G Summary of Section 611.357 Monitoring Requirements for Water Quality Parameters
611.TABLE H CT Values (mg·min/ℓ) for Cryptosporidium Inactivation by Chlorine Dioxide
611.TABLE I CT Values (mg·min/ℓ) for Cryptosporidium Inactivation by Ozone
611.TABLE J UV Dose Table for Cryptosporidium, Giardia lamblia, and Virus Inactivation Credit
611.TABLE Z Federal Effective Dates

AUTHORITY: Implementing Sections 7.2, 17, and 17.5 and authorized by Section 27 of the Environmental Protection Act [415 ILCS 5/7.2, 17, 17.5, and 27].

SOURCE: Adopted in R88-26 at 14 Ill. Reg. 16517, effective September 20, 1990; amended in R90-21 at 14 Ill. Reg. 20448, effective December 11, 1990; amended in R90-13 at 15 Ill. Reg. 1562, effective January 22, 1991; amended in R91-3 at 16 Ill. Reg. 19010, effective December 1, 1992; amended in R92-3 at 17 Ill. Reg. 7796, effective May 18, 1993; amended in R93-1 at 17 Ill. Reg. 12650, effective July 23, 1993; amended in R94-4 at 18 Ill. Reg. 12291, effective July 28, 1994; amended in R94-23 at 19 Ill. Reg. 8613, effective June 20, 1995; amended in R95-17 at 20 Ill. Reg. 14493, effective October 22, 1996; amended in R98-2 at 22 Ill. Reg. 5020, effective March 5, 1998; amended in R99-6 at 23 Ill. Reg. 2756, effective February 17, 1999; amended in R99-12 at 23 Ill. Reg. 10348, effective August 11, 1999; amended in R00-8 at 23 Ill. Reg. 14715, effective December 8, 1999; amended in R00-10 at 24 Ill. Reg. 14226, effective September 11, 2000; amended in R01-7 at 25 Ill. Reg. 1329, effective January 11, 2001; amended in R01-20 at 25 Ill. Reg. 13611, effective October 9, 2001; amended in R02-5 at 26 Ill. Reg. 3522, effective February 22, 2002; amended in R03-4 at 27 Ill. Reg. 1183, effective January 10, 2003; amended in R03-15 at 27 Ill. Reg. 16447, effective October 10, 2003; amended in R04-3 at 28 Ill. Reg. 5269, effective March 10, 2004; amended in R04-13 at 28 Ill. Reg. 12666, effective August 26, 2004; amended in R05-6 at 29 Ill. Reg. 2287, effective January 28, 2005; amended in R06-15 at 30 Ill. Reg. 17004, effective October 13, 2006; amended in R07-2/R07-11 at 31 Ill. Reg. 11757, effective July 27, 2007; amended in R08-7/R08-13 at 33 Ill. Reg. 633, effective December 30, 2008; amended in R10-1/R10-17/R11-6 at 34 Ill. Reg. 19848, effective December 7, 2010; amended in R12-4 at 36 Ill. Reg. 7110, effective April 25, 2012; amended in R13-2 at 37 Ill. Reg. 1978, effective February 4, 2013; amended in R14-8 at 38 Ill. Reg. 3608, effective January 27, 2014; amended in R14-9 at 38 Ill. Reg. 9792, effective April 21, 2014; amended in R15-6 at 39 Ill. Reg. 3713, effective February 24, 2015.

SUBPART A: GENERAL

Section 611.102 Incorporations by Reference

a) Abbreviations and short-name listing of references. The following names and abbreviated names, presented in alphabetical order, are used in this Part to refer to materials incorporated by reference:

"AMI Turbiwell Method" means "Continuous Measurement of Turbidity Using a SWAN AMI Turbiwell Turbidimeter," available from NEMI or from SWAN Analytische Instrumente AG.

"ASTM Method" means a method published by and available from the American Society for Testing and Materials (ASTM).

"ChlordioX Plus Test" means "Chlorine Dioxide and Chlorite in Drinking Water by Amperometry using Disposable Sensors," available from Palintest Ltd.

"Charm Fast Phage" means "Fast Phage Test Procedure. Presence/Absence for Coliphage in Ground Water with Same Day Positive Prediction," version 009 (Nov. 2012), available from Charm Sciences Inc.

"Colilert® Test" means Standard Methods, 21st ed., Method 9223 B, Chromogenic Substrate Coliform Test (using IDEXX Laboratories, Inc. Colilert® medium).

"Colilert-18® Test" means Standard Methods, 21st ed., Method 9223 B, Chromogenic Substrate Coliform Test (using IDEXX Laboratories, Inc. Colilert-18® medium).

"Colisure™ Test" means "Colisure Presence/Absence Test for Detection and Identification of Coliform Bacteria and Escherichia Coli in Drinking Water," available from IDEXX Laboratories, Inc.

"Colitag® Test" means "Colitag® Product as a Test for Detection and Identification of Coliforms and E. coli Bacteria in Drinking Water and Source Water as Required in National Primary Drinking Water Regulations," available from CPI International.

"Chromocult® Method" means "Chromocult® Coliform Agar Presence/Absence Membrane Filter Test Method for Detection and Identification of Coliform Bacteria and Escherichia coli in Finished Waters," available from EMD Millipore.

"Determination of Inorganic Oxyhalide" means "Determination of Inorganic Oxyhalide Disinfection By-Products in Drinking Water Using Ion Chromatography with the Addition of a Postcolumn Reagent for Trace Bromate Analysis," available from NTIS.

"Dioxin and Furan Method 1613" means "Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope-Dilution HRGC/HRMS," available from NTIS.

"E*Colite Test" means "Charm E*Colite Presence/Absence Test for Detection and Identification of Coliform Bacteria and Escherichia coli in Drinking Water," available from Charm Sciences, Inc. and USEPA, Water Resource Center.

"EC-MUG" means "Method 9221 F: Multiple-Tube Fermentation Technique for Members of the Coliform Group, Escherichia coli Procedure (Proposed)," available from American Public Health Association and American Waterworks Association.

"EML Procedures Manual" means "EML Procedures Manual, HASL 300," available from USDOE, EML.

"Enterolert" means "Evaluation of Enterolert for Enumeration of Enterococci in Recreational Waters," available from American Society for Microbiology.

"Georgia Radium Method" means "The Determination of Radium-226 and Radium-228 in Drinking Water by Gamma-ray Spectrometry Using HPGE or Ge(Li) Detectors," Revision 1.2, December 2004, available from the Georgia Tech Research Institute.

"GLI Method 2" means GLI Method 2, "Turbidity," Nov. 2, 1992, available from Great Lakes Instruments, Inc.

"Guidance Manual for Filtration and Disinfection" means "Guidance Manual for Compliance with the Filtration and Disinfection Requirements for Public Water Systems using Surface Water Sources," March 1991, available from USEPA, NSCEP.

"Hach FilterTrak Method 10133" means "Determination of Turbidity by Laser Nephelometry," available from Hach Co.

"Hach Method 10260" means "Hach Method 10260 − Determination of Chlorinated Oxidants (Free and Total) in Water Using Disposable Planar Reagent-filled Cuvettes and Mesofluic Channel Colorimetry," available from the Hach Company.

"Hach SPDANS 2 Method 10225" means "Hach Company SPADNS 2 (Arsenic-free) Fluoride Method 10225 − Spectrophotometric Measurement of Fluoride in Water and Wastewater," available from the Hach Co.

"Hach TNTplus 835/836 Method 10206" means "Hach Company TNTplus 835/836 Nitrate Method 10206 − Spectrophotometric Measurement of Nitrate in Water and Wastewater," available from the Hach Co.

"ITS Method D99-003" means Method D99-003, Revision 3.0, "Free Chlorine Species ($HOCl^-$ and OCl^-) by Test Strip," available from Industrial Test Systems, Inc.

"Kelada 01" means "Kelada Automated Test Methods for Total Cyanide, Acid Dissociable Cyanide, And Thiocyanate," Revision 1.2, available from NTIS.

"m-ColiBlue24 Test" means "Total Coliforms and E. coli Membrane Filtration Method with m-ColiBlue24® Broth," available from USEPA, Water Resource Center and Hach Company.

"Method ME355.01" means "Determination of Cyanide in Drinking Water by GC/MS Headspace Analysis," available from NEMI or from H&E Testing Laboratory.

"Mitchell Method M5271" means "Determination of Turbidity by Laser Nephelometry," available from NEMI and Leck Mitchell, PhD.

"Mitchell Method M5331" means "Determination of Turbidity by LED Nephelometry," available from NEMI and Leck Mitchell, PhD.

"Modified Colitag™ Test~~Method~~" means "Modified Colitag™ Test Method for Simultaneous Detection of E. coli and other Total Coliforms in Water," available from NEMI and CPI International.

"NA-MUG" means "Method 9222 G: Membrane Filter Technique for Members of the Coliform Group, MF Partition Procedures," available from American Public Health Association and American Waterworks Association.

"NCRP Report Number 22" means "Maximum Permissible Body Burdens and Maximum Permissible Concentrations of Radionuclides in Air and in Water for Occupational Exposure," available from NCRP.

"New Jersey Radium Method" means "Determination of Radium 228 in Drinking Water," available from the New Jersey Department of Environmental Protection.

"New York Radium Method" means "Determination of Ra-226 and Ra-228 (Ra-02)," available from the New York Department of Public Health.

"OI Analytical Method OIA-1677" means "Method OIA-1677, DW Available Cyanide by Flow Injection, Ligand Exchange, and Amperometry," available from ALPKEM, Division of OI Analytical.

"ONPG-MUG Test" (meaning "minimal medium ortho-nitrophenyl-beta-d-galactopyranoside-4-methyl-umbelliferyl -beta-d-glucuronide test"), also called the "~~Autoanalysis~~ Colilert® Test ~~System~~," is Method 9223, available in "Standard Methods for the Examination of Water and Wastewater," 18th, 19th, 20th, or 21st ed., from American Public Health Association and the American Water Works Association.

"Orion Method AQ4500" means "Determination of Turbidity by LED Nephelometry," available from Thermo Scientific.

"Palintest ChloroSense" means "Measurement of Free and Total Chlorine in Drinking Water by Palintest ChloroSense," available from NEMI or Palintest Ltd.

"Palintest Method 1001" means "'Lead in Drinking Water by Differential Pulse Anodic Stripping Voltammetry,' Method Number 1001," available from Palintest, Ltd. or the Hach Company.

"QuikChem Method 10-204-00-1-X" means "Digestion and distillation of total cyanide in drinking and wastewaters using MICRO DIST and determination of cyanide by flow injection analysis," available from Lachat Instruments.

"Readycult® 2000" means "Readycult Coliforms 100 Presence/Absence Test for Detection and Identification of Coliform Bacteria and Escherichia coli in Finished Waters," v. 1.0, available from EMD Millipore.

"Readycult® 2007" means "Readycult® Coliforms 100 Presence/Absence Test for Detection and Identification of Coliform Bacteria and Escherichia coli in Finished Waters," v. 1.1, available from EMD Millipore.

"SimPlate Method" means "IDEXX SimPlate TM HPC Test Method for Heterotrophs in Water," available from IDEXX Laboratories, Inc.

"Standard Methods" means "Standard Methods for the Examination of Water and Wastewater," available from the American Public Health Association or the American Waterworks Association.

"Standard Methods Online" means the website maintained by the Standard Methods Organization (at www.standardmethods.org) for purchase of the latest versions of methods in an electronic format.

"Syngenta AG-625" means "Atrazine in Drinking Water by Immunoassay," February 2001 is available from Syngenta Crop Protection, Inc.

"Systea Easy (1-Reagent)" means "Systea Easy (1-Reagent) Nitrate Method," available from NEMI or Systea Scientific LLC.

"Technical Bulletin 601" means "Technical Bulletin 601, Standard Method of Testing for Nitrate in Drinking Water," July 1994, available from Thermo Scientific.

"Technicon Methods" means "Fluoride in Water and Wastewater," available from Bran & Luebbe.

"Tecta EC/TC P-A Test" means "Tecta EC/TC P-A Test" Presence/Absence Method for Simultaneous Detection of Total Coliforms and Escherichia coli (E. coli) in Drinking Water," available from Veolia Water Solutions and Technologies.

"USEPA Asbestos Method 100.1" means Method 100.1, "Analytical

Method for Determination of Asbestos Fibers in Water," September 1983, available from NTIS.

"USEPA Asbestos Method 100.2" means Method 100.2, "Determination of Asbestos Structures over 10-mm in Length in Drinking Water," June 1994, available from NTIS.

"USEPA Environmental Inorganic Methods" means "Methods for the Determination of Inorganic Substances in Environmental Samples," August 1993, available from NTIS.

"USEPA Environmental Metals Methods" means "Methods for the Determination of Metals in Environmental Samples," available from NTIS.

"USEPA Inorganic Methods" means "Methods for Chemical Analysis of Water and Wastes," March 1983, available from NTIS.

"USEPA Interim Radiochemical Methods" means "Interim Radiochemical Methodology for Drinking Water," EPA 600/4-75/008 (revised), March 1976. Available from NTIS.

"USEPA Method 1600" means "Method 1600: Enterococci in Water by Membrane Filtration Using Membrane-Enterococcus Indoxyl-b-D-Glucoside Agar (mEI)," available from USEPA, Water Resource Center.

"USEPA Method 1601" means "Method 1601: Male-specific (F^+) and Somatic Coliphage in Water by Two-step Enrichment Procedure," available from USEPA, Water Resource Center.

"USEPA Method 1602" means "Method 1602: Male-specific (F^+) and Somatic Coliphage in Water by Single Agar Layer (SAL) Procedure," available from USEPA, Water Resource Center.

"USEPA Method 1604" means "Method 1604: Total Coliforms and Escherichia coli in Water by Membrane Filtration Using a Simultaneous Detection Technique (MI Medium)," available from USEPA, Water Resource Center.

"USEPA NERL Method 200.5 (rev. 4.2)" means Method 200.5, Revision 4.2, "Determination of Trace Elements in Drinking Water by Axially Viewed Inductively Coupled Plasma − Atomic Emission Spectrometry," October 2003, EPA 600/R-06/115. Available from USEPA, Office of Research and Development.

"USEPA NERL Method 415.3 (rev. 1.1)" means Method 415.3, Revision 1.1, "Determination of Total Organic Carbon and Specific UV Absorbance at 254 nm in Source Water and Drinking Water," USEPA, February 2005, EPA 600/R-05/055. Available from USEPA, Office of Research and Development.

"USEPA NERL Method 415.3 (rev. 1.2)" means Method 415.3, Revision 1.2, "Determination of Total Organic Carbon and Specific UV Absorbance at 254 nm in Source Water and Drinking Water," USEPA, September 2009, EPA 600/R-09/122. Available from USEPA, Office of Research and Development.

"USEPA NERL Method 525.3 (ver. 1.0)" means Method 525.3, Version 1.0, "Determination of Total Semivolatile Organic Chemicals in Drinking Water by Solid Phase Extraction and Capillary Column Gas Chromatography/Mass Spectrometry (GC/MS)," USEPA, February 2012, EPA 600/R-12/010. Available from USEPA, Office of Research and Development.

"USEPA NERL Method 549.2" means Method 549.2, Revision 1.0, "Determination of Diquat and Paraquat in Drinking Water by Liquid-Solid Extraction and High Performance Liquid Chromatography with Ultraviolet Detection," June 1997. Available from USEPA, Office of Research and Development.

"USEPA OGWDW Methods" means the methods listed as available from the USEPA, Office of Ground Water and Drinking Water (Methods 302.0, 317.0 (rev. 2.0), 326.0 (rev. 1.0), 327.0 (rev. 1.1), 334.0, 515.4 (rev. 1.0), 523 (rev. 1.0), 524.3 (rev. 1.0), 524.4, 531.2 (rev. 1.0), 536 (rev. 1.0), 552.3 (rev. 1.0), 557, 1622 (99), 1622 (01), 1622 (05), 1623 (99), 1623 (01), 1623 (05), and 1623.1). Available from NTIS; USEPA, NSCEP; or USEPA, OGWDW.

"USEPA Organic Methods" means "Methods for the Determination of Organic Compounds in Drinking Water," December 1988 (revised July 1991) (Methods 508A (rev. 1.0) and 515.1 (rev. 4.0)); "Methods for the Determination of Organic Compounds in Drinking Water − Supplement I," July 1990 (Methods 547, 550, and 550.1); "Methods for the Determination of Organic Compounds in Drinking Water − Supplement II," August 1992 (Methods 548.1 (rev. 1.0), 552.1 (rev. 1.0), and 555 (rev. 1.0)); and "Methods for the Determination of Organic Compounds in Drinking Water − Supplement III," August 1995 (Methods 502.2 (rev. 2.1), 504.1 (rev. 1.1), 505 (rev. 2.1), 506 (rev. 1.1), 507 (rev. 2.1), 508 (rev. 3.1), 508.1 (rev. 2.0), 515.2 (rev. 1.1), 524.2 (rev. 4.1), 525.2 (rev. 2.0), 531.1 (rev. 3.1), 551.1 (rev. 1.0), and 552.2 (rev. 1.0)). Available from NTIS; USEPA, NSCEP; or USEPA, EMSL.

"USEPA Organic and Inorganic Methods" means "Methods for the Determination of Organic and Inorganic Compounds in Drinking Water, Volume 1," EPA 815/R-00/014, PB2000-106981, August 2000. Available from NTIS.

"USEPA Radioactivity Methods" means "Prescribed Procedures for Measurement of Radioactivity in Drinking Water," EPA 600/4-80/032, August 1980. Available from NTIS.

"USEPA Radiochemical Analyses" means "Radiochemical Analytical Procedures for Analysis of Environmental Samples," March 1979. Available from NTIS.

"USEPA Radiochemistry Procedures" means "Radiochemistry Procedures Manual," EPA 520/5-84/006, December 1987. Available from NTIS.

"USEPA Technical Notes" means "Technical Notes on Drinking Water Methods," available from NTIS and USEPA, NSCEP.

"USGS Methods" means "Methods of Analysis by the U.S. Geological Survey National Water Quality Laboratory − Determination of Inorganic and Organic Constituents in Water and Fluvial Sediments," available from NTIS and USGS.

BOARD NOTE: The USGS Methods are available in three volumes

published in 1977, 1989, and 1993, as outlined in subsection (b) of this Section.

"Waters Method B-1011" means "Waters Test Method for the Determination of Nitrite/Nitrate in Water Using Single Column Ion Chromatography," available from Waters Corporation, Technical Services Division.

b) The Board incorporates the following publications by reference:

ALPKEM, Division of OI Analytical, P.O. Box 9010, College Station, TX 77842-9010, telephone: 979-690-1711, Internet: www.oico.com.

"Method OIA-1677 DW, Available Cyanide by Flow Injection, Ligand Exchange, and Amperometry," EPA 821/R-04/001, January 2004 (referred to as "OI Analytical Method OIA-1677"), referenced in Section 611.611.
BOARD NOTE: Also available online for download from www.epa.gov/waterscience/methods/method/cyanide/1677-2004.pdf.

APHA. American Public Health Association, 1015 Fifteenth Street NW, Washington, DC 20005 202-777-2742.

"Standard Methods for the Examination of Water and Wastewater," 16th Edition, 1985 (referred to as "Standard Methods, 16th ed."). See the methods listed separately for the same references under American Waterworks Association.

"Standard Methods for the Examination of Water and Wastewater," 17th Edition, 1989 (referred to as "Standard Methods, 17th ed."). See the methods listed separately for the same references under American Waterworks Association.

"Standard Methods for the Examination of Water and Wastewater," 18th Edition, 1992, including "Supplement to the 18th Edition of Standard Methods for the Examination of Water and Wastewater," 1994 (collectively referred to as "Standard Methods, 18th ed."). See the methods listed separately for the same

references under American Waterworks Association.

"Standard Methods for the Examination of Water and Wastewater," 19th Edition, 1995 (referred to as "Standard Methods, 19th ed."). See the methods listed separately for the same references under American Waterworks Association.

"Standard Methods for the Examination of Water and Wastewater," 20th Edition, 1998 (referred to as "Standard Methods, 20th ed."). See the methods listed separately for the same references under American Waterworks Association.

"Standard Methods for the Examination of Water and Wastewater," 21st Edition, 2005 (referred to as "Standard Methods, 21st ed."). See the methods listed separately for the same references under American Waterworks Association.

"Standard Methods for the Examination of Water and Wastewater," 22nd Edition, 2012 (referred to as "Standard Methods, 22nd ed."). See the methods listed separately for the same references under American Waterworks Association.

American Society for Microbiology, 1752 N Street N.W., Washington, DC 20036, 202-737-3600:

"Evaluation of Enterolert for Enumeration of Enterococci in Recreational Waters," Applied and Environmental Microbiology, Oct. 1996, vol. 62, no. 10, p. 3881 (referred to as "Enterolert"), referenced in Section 611.802.

BOARD NOTE: At the table to 40 CFR 141.402(c)(2), USEPA approved the method as described in the above literature review. The method itself is embodied in the printed instructions to the proprietary kit available from IDEXX Laboratories, Inc. (accessible on-line and available by download from www.asm.org, as "Enterolert™ Procedure"). ASTM approved the method as "Standard Test Method for Enterococci in Water Using Enterolert™," which is available in two versions from ASTM: ASTM Method D6503-99 (superceded) and ASTM Method

D6503-99. While it is more conventional to incorporate the method as presented in the kit instructions or as approved by ASTM by reference, the Board is constrained to incorporate the version that appears in the technical literature by reference, which is the version that USEPA has explicitly approved.

AWWA. American Water Works Association et al., 6666 West Quincy Ave., Denver, CO 80235 (303-794-7711).

"National Field Evaluation of a Defined Substrate Method for the Simultaneous Enumeration of Total Coliforms and Escherichia coli for Drinking Water: Comparison with the Standard Multiple Tube Fermentation Method," S.C. Edberg, M.J. Allen & D.B. Smith, Applied Environmental Microbiology, vol. 54, iss. 6, pp 1595-1601 (1988), referenced in Appendix D to this Part.

"Standard Methods for the Examination of Water and Wastewater," 13th Edition, 1971 (referred to as "Standard Methods, 13th ed.").

Method 302, Gross Alpha and Gross Beta Radioactivity in Water (Total, Suspended, and Dissolved), referenced in Section 611.720.

Method 303, Total Radioactive Strontium and Strontium 90 in Water, referenced in Section 611.720.

Method 304, Radium in Water by Precipitation, referenced in Section 611.720.

Method 305, Radium 226 by Radon in Water (Soluble, Suspended, and Total), referenced in Section 611.720.

Method 306, Tritium in Water, referenced in Section 611.720.

"Standard Methods for the Examination of Water and Wastewater," 16th Edition, 1985 (referred to as "Standard Methods, 16th ed.").

Method 907A, Heterotrophic Plate Count, Pour Plate Method, referenced in Section 611.213.

"Standard Methods for the Examination of Water and Wastewater," 17th Edition, 1989 (referred to as "Standard Methods, 17th ed.").

Method 7110 B, Gross Alpha and Gross Beta Radioactivity in Water (Total, Suspended, and Dissolved), referenced in Section 611.720.

Method 7500-Cs B, Radioactive Cesium, Precipitation Method, referenced in Section 611.720.

Method 7500-^{3}H B, Tritium in Water, referenced in Section 611.720.

Method 7500-I B, Radioactive Iodine, Precipitation Method, referenced in Section 611.720.

Method 7500-I C, Radioactive Iodine, Ion-Exchange Method, referenced in Section 611.720.

Method 7500-I D, Radioactive Iodine, Distillation Method, referenced in Section 611.720.

Method 7500-Ra B, Radium in Water by Precipitation, referenced in Section 611.720.

Method 7500-Ra C, Radium 226 by Radon in Water (Soluble, Suspended, and Total), referenced in Section 611.720.

Method 7500-Ra D, Radium, Sequential Precipitation Method (Proposed), referenced in Section 611.720.

Method 7500-Sr B, Total Radioactive Strontium and Strontium 90 in Water, referenced in Section 611.720.

Method 7500-U B, Uranium, Radiochemical Method (Proposed), referenced in Section 611.720.

Method 7500-U C, Uranium, Isotopic Method (Proposed), referenced in Section 611.720.

"Standard Methods for the Examination of Water and Wastewater," 18th Edition, 1992 (referred to as "Standard Methods, 18th ed.").

Method 2130 B, Turbidity, Nephelometric Method, referenced in Section 611.531.

Method 2320 B, Alkalinity, Titration Method, referenced in Section 611.611.

Method 2510 B, Conductivity, Laboratory Method, referenced in Section 611.611.

Method 2550, Temperature, Laboratory and Field Methods, referenced in Section 611.611.

Method 3111 B, Metals by Flame Atomic Absorption Spectrometry, Direct Air-Acetylene Flame Method, referenced in Sections 611.611 and 611.612.

Method 3111 D, Metals by Flame Atomic Absorption Spectrometry, Direct Nitrous Oxide-Acetylene Flame Method, referenced in Section 611.611.

Method 3112 B, Metals by Cold-Vapor Atomic Absorption Spectrometry, Cold-Vapor Atomic Absorption Spectrometric Method, referenced in Section 611.611.

Method 3113 B, Metals by Electrothermal Atomic Absorption Spectrometry, Electrothermal Atomic Absorption Spectrometric Method, referenced in Sections 611.611 and 611.612.

Method 3114 B, Metals by Hydride Generation/Atomic Absorption Spectrometry, Manual Hydride Generation/Atomic Absorption Spectrometric Method, referenced in Section 611.611.

Method 3120 B, Metals by Plasma Emission Spectroscopy, Inductively Coupled Plasma (ICP) Method, referenced in Sections 611.611 and 611.612.

Method 3500-Ca D, Calcium, EDTA Titrimetric Method, referenced in Section 611.611.

Method 3500-Mg E, Magnesium, Calculation Method, referenced in Section 611.611.

Method 4110 B, Determination of Anions by Ion Chromatography, Ion Chromatography with Chemical Suppression of Eluent Conductivity, referenced in Section 611.611.

Method 4500-CN^- C, Cyanide, Total Cyanide after Distillation, referenced in Section 611.611.

Method 4500-CN^- E, Cyanide, Colorimetric Method, referenced in Section 611.611.

Method 4500-CN^- F, Cyanide, Cyanide-Selective Electrode Method, referenced in Section 611.611.

Method 4500-CN^- G, Cyanide, Cyanides Amenable to Chlorination after Distillation, referenced in Section 611.611.

Method 4500-Cl D, Chlorine, Amperometric Titration Method, referenced in Section 611.531.

Method 4500-Cl E, Chlorine, Low-Level Amperometric Titration Method, referenced in Section 611.531.

Method 4500-Cl F, Chlorine, DPD Ferrous Titrimetric Method, referenced in Section 611.531.

Method 4500-Cl G, Chlorine, DPD Colorimetric Method, referenced in Section 611.531.

Method 4500-Cl H, Chlorine, Syringaldazine (FACTS) Method, referenced in Section 611.531.

Method 4500-Cl I, Chlorine, Iodometric Electrode Method, referenced in Section 611.531.

Method 4500-ClO_2 C, Chlorine Dioxide, Amperometric Method I, referenced in Section 611.531.

Method 4500-ClO_2 D, Chlorine Dioxide, DPD Method, referenced in Section 611.531.

Method 4500-ClO_2 E, Chlorine Dioxide, Amperometric Method II (Proposed), referenced in Section 611.531.

Method 4500-F^- B, Fluoride, Preliminary Distillation Step, referenced in Section 611.611.

Method 4500-F^- C, Fluoride, Ion-Selective Electrode Method, referenced in Section 611.611.

Method 4500-F^- D, Fluoride, SPADNS Method, referenced in Section 611.611.

Method 4500-F^- E, Fluoride, Complexone Method, referenced in Section 611.611.

Method 4500-H^+ B, pH Value, Electrometric Method, referenced in Section 611.611.

Method 4500-NO_2^- B, Nitrogen (Nitrite), Colorimetric Method, referenced in Section 611.611.

Method 4500-NO_3^- D**,** Nitrogen (Nitrate), Nitrate Electrode Method, referenced in Section 611.611.

Method 4500-NO_3^- E, Nitrogen (Nitrate), Cadmium Reduction Method, referenced in Section 611.611.

Method 4500-NO_3^- F, Nitrogen (Nitrate), Automated Cadmium Reduction Method, referenced in Section 611.611.

Method 4500-O_3 B, Ozone (Residual) (Proposed), Indigo Colorimetric Method, referenced in Section 611.531.

Method 4500-P E, Phosphorus, Ascorbic Acid Method, referenced in Section 611.611.

Method 4500-P F, Phosphorus, Automated Ascorbic Acid Reduction Method, referenced in Section 611.611.

Method 4500-Si D, Silica, Molybdosilicate Method, referenced in Section 611.611.

Method 4500-Si E, Silica, Heteropoly Blue Method, referenced in Section 611.611.

Method 4500-Si F, Silica, Automated Method for Molybdate-Reactive Silica, referenced in Section 611.611.

Method 6651 B, Glyphosate Herbicide (Proposed), referenced in Section 611.645.

Method 7110 B, Gross Alpha and Beta Radioactivity (Total, Suspended, and Dissolved), Evaporation Method for Gross Alpha-Beta, referenced in Section 611.720.

Method 7110 C, Gross Alpha and Beta Radioactivity (Total, Suspended, and Dissolved), Coprecipitation Method for Gross Alpha Radioactivity in Drinking Water

(Proposed), referenced in Section 611.720.

Method 7500-Cs B, Radioactive Cesium, Precipitation Method, referenced in Section 611.720.

Method 7500-^{3}H B, Tritium, Liquid Scintillation Spectrometric Method, referenced in Section 611.720.

Method 7500-I B, Radioactive Iodine, Precipitation Method, referenced in Section 611.720.

Method 7500-I C, Radioactive Iodine, Ion-Exchange Method, referenced in Section 611.720.

Method 7500-I D, Radioactive Iodine, Distillation Method, referenced in Section 611.720.

Method 7500-Ra B, Radium, Precipitation Method, referenced in Section 611.720.

Method 7500-Ra C, Radium, Emanation Method, referenced in Section 611.720.

Method 7500-Ra D, Radium, Sequential Precipitation Method (Proposed), referenced in Section 611.720.

Method 7500-Sr B, Total Radioactive Strontium and Strontium 90, Precipitation Method, referenced in Section 611.720.

Method 7500-U B, Uranium, Radiochemical Method (Proposed), referenced in Section 611.720.

Method 7500-U C, Uranium, Isotopic Method (Proposed), referenced in Section 611.720.

Method 9215 B, Heterotrophic Plate Count, Pour Plate Method, referenced in Section 611.531.

Method 9221 A, Multiple-Tube Fermentation Technique for Members of the Coliform Group, Introduction, referenced in Sections 611.526 and 611.531.

Method 9221 B, Multiple-Tube Fermentation Technique for Members of the Coliform Group, Standard Total Coliform Fermentation Technique, referenced in Sections 611.526 and 611.531.

Method 9221 C, Multiple-Tube Fermentation Technique for Members of the Coliform Group, Estimation of Bacterial Density, referenced in Sections 611.526 and 611.531.

Method 9221 D, Multiple-Tube Fermentation Technique for Members of the Coliform Group, Presence-Absence (P-A) Coliform Test, referenced in Section 611.526.

Method 9221 E, Multiple-Tube Fermentation Technique for Members of the Coliform Group, Fecal Coliform Procedure, referenced in Sections 611.526 and 611.531.

Method 9222 A, Membrane Filter Technique for Members of the Coliform Group, Introduction, referenced in Sections 611.526 and 611.531.

Method 9222 B, Membrane Filter Technique for Members of the Coliform Group, Standard Total Coliform Membrane Filter Procedure, referenced in Sections 611.526 and 611.531.

Method 9222 C, Membrane Filter Technique for Members of the Coliform Group, Delayed-Incubation Total Coliform Procedure, referenced in Sections 611.526 and 611.531.

Method 9222 D, Membrane Filter Technique for Members of the Coliform Group, Fecal Coliform Membrane Filter Procedure, referenced in Section 611.531.

Method 9223, Chromogenic Substrate Coliform Test (Proposed) (also referred to as the variations "~~Autoanalysis~~ Colilert® Test ~~System~~" and "Colisure™ Test"), referenced in Sections 611.526 and 611.531.

Method 9223 B, Chromogenic Substrate Coliform Test (Proposed), referenced in Section 611.1004.

"Supplement to the 18th Edition of Standard Methods for the Examination of Water and Wastewater," American Public Health Association, 1994.

Method 6610, Carbamate Pesticide Method, referenced in Section 611.645.

"Standard Methods for the Examination of Water and Wastewater," 19th Edition, 1995 (referred to as "Standard Methods, 19th ed.").

Method 2130 B, Turbidity, Nephelometric Method, referenced in Section 611.531.

Method 2320 B, Alkalinity, Titration Method, referenced in Section 611.611.

Method 2510 B, Conductivity, Laboratory Method, referenced in Section 611.611.

Method 2550, Temperature, Laboratory, and Field Methods, referenced in Section 611.611.

Method 3111 B, Metals by Flame Atomic Absorption Spectrometry, Direct Air-Acetylene Flame Method, referenced in Sections 611.611 and 611.612.

Method 3111 D, Metals by Flame Atomic Absorption Spectrometry, Direct Nitrous Oxide-Acetylene Flame Method, referenced in Section 611.611.

Method 3112 B, Metals by Cold-Vapor Atomic Absorption Spectrometry, Cold-Vapor Atomic Absorption Spectrometric Method, referenced in Section 611.611.

Method 3113 B, Metals by Electrothermal Atomic Absorption Spectrometry, Electrothermal Atomic Absorption Spectrometric Method, referenced in Sections 611.611 and 611.612.

Method 3114 B, Metals by Hydride Generation/Atomic Absorption Spectrometry, Manual Hydride Generation/Atomic Absorption Spectrometric Method, referenced in Section 611.611.

Method 3120 B, Metals by Plasma Emission Spectroscopy, Inductively Coupled Plasma (ICP) Method, referenced in Sections 611.611 and 611.612.

Method 3500-Ca D, Calcium, EDTA Titrimetric Method, referenced in Section 611.611.

Method 3500-Mg E, Magnesium, Calculation Method, referenced in Section 611.611.

Method 4110 B, Determination of Anions by Ion Chromatography, Ion Chromatography with Chemical Suppression of Eluent Conductivity, referenced in Section 611.611.

Method 4500-Cl D, Chlorine, Amperometric Titration Method, referenced in Sections 611.381 and 611.531.

Method 4500-Cl E, Chlorine, Low-Level Amperometric Titration Method, referenced in Sections 611.381 and 611.531.

Method 4500-Cl F, Chlorine, DPD Ferrous Titrimetric Method, referenced in Sections 611.381 and 611.531.

Method 4500-Cl G, Chlorine, DPD Colorimetric Method, referenced in Sections 611.381 and 611.531.

Method 4500-Cl H, Chlorine, Syringaldazine (FACTS) Method, referenced in Sections 611.381 and 611.531.

Method 4500-Cl I, Chlorine, Iodometric Electrode Method, referenced in Sections 611.381 and 611.531.

Method 4500-ClO_2 C, Chlorine Dioxide, Amperometric Method I, referenced in Section 611.531.

Method 4500-ClO_2 D, Chlorine Dioxide, DPD Method, referenced in Sections 611.381 and 611.531.

Method 4500-ClO_2 E, Chlorine Dioxide, Amperometric Method II, referenced in Sections 611.381 and 611.531.

Method 4500-CN^- C, Cyanide, Total Cyanide after Distillation, referenced in Section 611.611.

Method 4500-CN^- E, Cyanide, Colorimetric Method, referenced in Section 611.611.

Method 4500-CN^- F, Cyanide, Cyanide-Selective Electrode Method, referenced in Section 611.611.

Method 4500-CN^- G, Cyanide, Cyanides Amenable to Chlorination after Distillation, referenced in Section 611.611.

Method 4500-F^- B, Fluoride, Preliminary Distillation Step, referenced in Section 611.611.

Method 4500-F^- C, Fluoride, Ion-Selective Electrode Method, referenced in Section 611.611.

Method 4500-F^- D, Fluoride, SPADNS Method, referenced in Section 611.611.

Method 4500-F^- E, Fluoride, Complexone Method, referenced in Section 611.611.

Method 4500-H^+ B, pH Value, Electrometric Method, referenced in Section 611.611.

Method 4500-NO_2^- B, Nitrogen (Nitrite), Colorimetric Method, referenced in Section 611.611.

Method 4500-NO_3^- D, Nitrogen (Nitrate), Nitrate Electrode Method, referenced in Section 611.611.

Method 4500-NO_3^- E, Nitrogen (Nitrate), Cadmium Reduction Method, referenced in Section 611.611.

Method 4500-NO_3^- F, Nitrogen (Nitrate), Automated Cadmium Reduction Method, referenced in Section 611.611.

Method 4500-O_3 B, Ozone (Residual) (Proposed), Indigo Colorimetric Method, referenced in Section 611.531.

Method 4500-P E, Phosphorus, Ascorbic Acid Method, referenced in Section 611.611.

Method 4500-P F, Phosphorus, Automated Ascorbic Acid Reduction Method, referenced in Section 611.611.

Method 4500-Si D, Silica, Molybdosilicate Method, referenced in Section 611.611.

Method 4500-Si E, Silica, Heteropoly Blue Method, referenced in Section 611.611.

Method 4500-Si F, Silica, Automated Method for Molybdate-Reactive Silica, referenced in Section 611.611.

Method 5910 B, UV Absorbing Organic Constituents,

Ultraviolet Absorption Method, referenced in Section 611.381.

Method 6251 B, Disinfection Byproducts: Haloacetic Acids and Trichlorophenol, Micro Liquid-Liquid Extraction Gas Chromatographic Method, referenced in Section 611.381.

Method 6610, Carbamate Pesticide Method, referenced in Section 611.645.

Method 6651 B, Glyphosate Herbicide, referenced in Section 611.645.

Method 7110 B, Gross Alpha and Gross Beta Radioactivity, Evaporation Method for Gross Alpha-Beta, referenced in Section 611.720.

Method 7110 C, Gross Alpha and Beta Radioactivity (Total, Suspended, and Dissolved), Coprecipitation Method for Gross Alpha Radioactivity in Drinking Water (Proposed), referenced in Section 611.720.

Method 7120, Gamma-Emitting Radionuclides, referenced in Section 611.720.

Method 7500-Cs B, Radioactive Cesium, Precipitation Method, referenced in Section 611.720.

Method 7500-^{3}H B, Tritium, Liquid Scintillation Spectrometric Method, referenced in Section 611.720.

Method 7500-I B, Radioactive Iodine, Precipitation Method, referenced in Section 611.720.

Method 7500-I C, Radioactive Iodine, Ion-Exchange Method, referenced in Section 611.720.

Method 7500-I D, Radioactive Iodine, Distillation Method, referenced in Section 611.720.

Method 7500-Ra B, Radium, Precipitation Method, referenced in Section 611.720.

Method 7500-Ra C, Radium, Emanation Method, referenced in Section 611.720.

Method 7500-Ra D, Radium, Sequential Precipitation Method, referenced in Section 611.720.

Method 7500-Sr B, Total Radiactive Strontium and Strontium 90, Precipitation Method, referenced in Section 611.720.

Method 7500-U B, Uranium, Radiochemical Method, referenced in Section 611.720.

Method 7500-U C, Uranium, Isotopic Method, referenced in Section 611.720.

Method 9215 B, Heterotrophic Plate Count, Pour Plate Method, referenced in Section 611.531.

Method 9221 A, Multiple-Tube Fermentation Technique for Members of the Coliform Group, Introduction, referenced in Sections 611.526 and 611.531.

Method 9221 B, Multiple-Tube Fermentation Technique for Members of the Coliform Group, Standard Total Coliform Fermentation Technique, referenced in Sections 611.526 and 611.531.

Method 9221 C, Multiple-Tube Fermentation Technique for Members of the Coliform Group, Estimation of Bacterial Density, referenced in Sections 611.526 and 611.531.

Method 9221 D, Multiple-Tube Fermentation Technique for Members of the Coliform Group, Presence-Absence (P-A) Coliform Test, referenced in Section 611.526.

Method 9221 E, Multiple-Tube Fermentation Technique for Members of the Coliform Group, Fecal Coliform Procedure, referenced in Sections 611.526 and 611.531.

Method 9222 A, Membrane Filter Technique for Members of the Coliform Group, Introduction, referenced in Sections 611.526 and 611.531.

Method 9222 B, Membrane Filter Technique for Members of the Coliform Group, Standard Total Coliform Membrane Filter Procedure, referenced in Sections 611.526 and 611.531.

Method 9222 C, Membrane Filter Technique for Members of the Coliform Group, Delayed-Incubation Total Coliform Procedure, referenced in Sections 611.526 and 611.531.

Method 9222 D, Membrane Filter Technique for Members of the Coliform Group, Fecal Coliform Membrane Filter Procedure, referenced in Section 611.531.

Method 9222 G, Membrane Filter Technique for Members of the Coliform Group, MF Partition Procedures, referenced in Section 611.526.

Method 9223, Chromogenic Substrate Coliform Test (also referred to as the variations "~~Autoanalysis~~ Colilert® Test ~~System~~" and "Colisure™ Test"), referenced in Sections 611.526 and 611.531.

Method 9223 B, Chromogenic Substrate Coliform Test (Proposed), referenced in Section 611.1004.

"Supplement to the 19th Edition of Standard Methods for the Examination of Water and Wastewater," American Public Health

Association, 1996.

Method 5310 B, TOC, Combustion-Infrared Method, referenced in Section 611.381.

Method 5310 C, TOC, Persulfate-Ultraviolet Oxidation Method, referenced in Section 611.381.

Method 5310 D, TOC, Wet-Oxidation Method, referenced in Section 611.381.

"Standard Methods for the Examination of Water and Wastewater," 20th Edition, 1998 (referred to as "Standard Methods, 20th ed.").

Method 2130 B, Turbidity, Nephelometric Method, referenced in Section 611.531.

Method 2320 B, Alkalinity, Titration Method, referenced in Section 611.611.

Method 2510 B, Conductivity, Laboratory Method, referenced in Section 611.611.

Method 2550, Temperature, Laboratory, and Field Methods, referenced in Section 611.611.

Method 3120 B, Metals by Plasma Emission Spectroscopy, Inductively Coupled Plasma (ICP) Method, referenced in Sections 611.611 and 611.612.

Method 3125, Metals by Inductively Coupled Plasma/Mass Spectrometry, referenced in Section 611.720.

Method 3500-Ca B, Calcium, EDTA Titrimetric Method, referenced in Section 611.611.

Method 3500-Mg B, Magnesium, EDTA Titrimetric Method, referenced in Section 611.611.

Method 4110 B, Determination of Anions by Ion Chromatography, Ion Chromatography with Chemical Suppression of Eluent Conductivity, referenced in Section 611.611.

Method 4500-CN^- C, Cyanide, Total Cyanide after Distillation, referenced in Section 611.611.

Method 4500-CN^- E, Cyanide, Colorimetric Method, referenced in Section 611.611.

Method 4500-CN F, Cyanide, Cyanide-Selective Electrode Method, referenced in Section 611.611.

Method 4500-CN^- G, Cyanide, Cyanides Amenable to Chlorination after Distillation, referenced in Section 611.611.

Method 4500-Cl D, Chlorine, Amperometric Titration Method, referenced in Section 611.531.

Method 4500-Cl E, Chlorine, Low-Level Amperometric Titration Method, referenced in Section 611.531.

Method 4500-Cl F, Chlorine, DPD Ferrous Titrimetric Method, referenced in Section 611.531.

Method 4500-Cl G, Chlorine, DPD Colorimetric Method, referenced in Section 611.531.

Method 4500-Cl H, Chlorine, Syringaldazine (FACTS) Method, referenced in Section 611.531.

Method 4500-Cl I, Chlorine, Iodometric Electrode Method, referenced in Section 611.531.

Method 4500-ClO_2 C, Chlorine Dioxide, Amperometric Method I, referenced in Section 611.531.

Method 4500-ClO_2 D, Chlorine Dioxide, DPD Method, referenced in Section 611.531.

Method 4500-ClO_2 E, Chlorine Dioxide, Amperometric Method II (Proposed), referenced in Section 611.531.

Method 4500-F^- B, Fluoride, Preliminary Distillation Step, referenced in Section 611.611.

Method 4500-F^- C, Fluoride, Ion-Selective Electrode Method, referenced in Section 611.611.

Method 4500-F^- D, Fluoride, SPADNS Method, referenced in Section 611.611.

Method 4500-F^- E, Fluoride, Complexone Method, referenced in Section 611.611.

Method 4500-H^+ B, pH Value, Electrometric Method, referenced in Section 611.611.

Method 4500-NO_2^- B, Nitrogen (Nitrite), Colorimetric Method, referenced in Section 611.611.

Method 4500-NO_3^- D, Nitrogen (Nitrate), Nitrate Electrode Method, referenced in Section 611.611.

Method 4500-NO_3^- E, Nitrogen (Nitrate), Cadmium Reduction Method, referenced in Section 611.611.

Method 4500-NO_3^- F, Nitrogen (Nitrate), Automated Cadmium Reduction Method, referenced in Section 611.611.

Method 4500-O_3 B, Ozone (Residual) (Proposed), Indigo Colorimetric Method, referenced in Section 611.531.

Method 4500-P E, Phosphorus, Ascorbic Acid Method, referenced in Section 611.611.

Method 4500-P F, Phosphorus, Automated Ascorbic Acid Reduction Method, referenced in Section 611.611.

Method 4500-SiO_2 C, Silica, Molybdosilicate Method, referenced in Section 611.611.

Method 4500-SiO_2 D, Silica, Heteropoly Blue Method, referenced in Section 611.611.

Method 4500-SiO_2 E, Silica, Automated Method for Molybdate-Reactive Silica, referenced in Section 611.611.

Method 5310 B, TOC, Combustion-Infrared Method, referenced in Section 611.381.

Method 5310 C, TOC, Persulfate-Ultraviolet Oxidation Method, referenced in Section 611.381.

Method 5310 D, TOC, Wet-Oxidation Method, referenced in Section 611.381.

Method 5910 B, UV-Absorbing Organic Constituents, Ultraviolet Absorption Method, referenced in Sections 611.381 and 611.382.

Method 6251 B, Disinfection By-Products: Haloacetic Acids and Trichlorophenol, Micro Liquid-Liquid Extraction Gas Chromatographic Method, referenced in Section 611.381.

Method 6610 B, Carbamate Pesticide Method, referenced in Section 611.645.

Method 6651 B, Glyphosate Herbicide, Liquid Chromatographic Post-Column Fluorescence Method, referenced in Section 611.645.

Method 7110 B, Gross Alpha and Gross Beta Radioactivity, Evaporation Method for Gross Alpha-Beta, referenced in Section 611.720.

Method 7110 C, Gross Alpha and Beta Radioactivity (Total, Suspended, and Dissolved), Coprecipitation Method for Gross Alpha Radioactivity in Drinking Water (Proposed), referenced in Section 611.720.

Method 7120, Gamma-Emitting Radionuclides, referenced in Section 611.720.

Method 7500-Cs B, Radioactive Cesium, Precipitation Method, referenced in Section 611.720.

Method 7500-^{3}H B, Tritium, Liquid Scintillation Spectrometric Method, referenced in Section 611.720.

Method 7500-I B, Radioactive Iodine, Precipitation Method, referenced in Section 611.720.

Method 7500-I C, Radioactive Iodine, Ion-Exchange Method, referenced in Section 611.720.

Method 7500-I D, Radioactive Iodine, Distillation Method, referenced in Section 611.720.

Method 7500-Ra B, Radium, Precipitation Method, referenced in Section 611.720.

Method 7500-Ra C, Radium, Emanation Method, referenced in Section 611.720.

Method 7500-Ra D, Radium, Sequential Precipitation Method, referenced in Section 611.720.

Method 7500-Sr B, Total Radioactive Strontium and Strontium 90, Precipitation Method, referenced in Section 611.720.

Method 7500-U B, Uranium, Radiochemical Method, referenced in Section 611.720.

Method 7500-U C, Uranium, Isotopic Method, referenced in Section 611.720.

Method 9060 A, Samples, Collection, referenced in Section 611.1052.

Method 9215 B, Heterotrophic Plate Count, Pour Plate Method, referenced in Section 611.531.

Method 9221 A, Multiple-Tube Fermentation Technique for Members of the Coliform Group, Introduction, referenced in Sections 611.526 and 611.531.

Method 9221 B, Multiple-Tube Fermentation Technique for Members of the Coliform Group, Standard Total Coliform Fermentation Technique, referenced in Sections 611.526, 611.531, and 611.1052.

Method 9221 C, Multiple-Tube Fermentation Technique for Members of the Coliform Group, Estimation of Bacterial Density, referenced in Sections 611.526, 611.531, and 611.1052.

Method 9221 D, Multiple-Tube Fermentation Technique for Members of the Coliform Group, Presence-Absence (P-A) Coliform Test, referenced in Sections 611.526 and 611.1052.

Method 9221 E, Multiple-Tube Fermentation Technique for Members of the Coliform Group, Fecal Coliform Procedure, referenced in Sections 611.526 and 611.531.

Method 9221 F, Multiple-Tube Fermentation Technique for Members of the Coliform Group, Escherichia Coli Procedure (Proposed), referenced in Section 611.802.

Method 9222 A, Membrane Filter Technique for Members of the Coliform Group, Introduction, referenced in Sections 611.526 and 611.531.

Method 9222 B, Membrane Filter Technique for Members of the Coliform Group, Standard Total Coliform Membrane Filter Procedure, referenced in Sections 611.526, 611.531, and 611.1052.

Method 9222 C, Membrane Filter Technique for Members of the Coliform Group, Delayed-Incubation Total Coliform Procedure, referenced in Sections 611.526 and 611.531.

Method 9222 D, Membrane Filter Technique for Members of the Coliform Group, Fecal Coliform Membrane Filter Procedure, referenced in Section 611.531.

Method 9222 G, Membrane Filter Technique for Members of the Coliform Group, MF Partition Procedures, referenced in Section 611.526.

Method 9223, Chromogenic Substrate Coliform Test (also referred to as the variations "~~Autoanalysis~~ Colilert® Test ~~System~~" and "Colisure™ Test"), referenced in Sections 611.526 and 611.531.

Method 9223 B, Chromogenic Substrate Coliform Test (also referred to as the variations "~~Autoanalysis~~ Colilert® Test ~~System~~" and "Colisure™ Test"), referenced in Sections 611.526, 611.802, 611.1004, and 611.1052.

Method 9230 B, Fecal Streptococcus and Enterococcus Groups, Multiple Tube Techniques, referenced in Section 611.802.

Method 9230 C, Fecal Streptococcus and Enterococcus Groups, Membrane Filter Techniques, referenced in Section 611.802.

"Standard Methods for the Examination of Water and Wastewater," 21st Edition, 2005 (referred to as "Standard Methods, 21st ed.").

Method 2130 B, Turbidity, Nephelometric Method, referenced in Section 611.531.

Method 2320 B, Alkalinity, Titration Method, referenced in Section 611.611.

Method 2510 B, Conductivity, Laboratory Method, referenced in Section 611.611.

Method 2550, Temperature, Laboratory, and Field Methods, referenced in Section 611.611.

Method 3111 B, Metals by Flame Atomic Absorption Spectrometry, Direct Air-Acetylene Flame Method, referenced in Sections 611.611 and 611.612.

Method 3111 D, Metals by Flame Atomic Absorption Spectrometry, Direct Nitrous Oxide-Acetylene Flame Method, referenced in Section 611.611.

Method 3112 B, Metals by Cold-Vapor Atomic Absorption Spectrometry, Cold-Vapor Atomic Absorption Spectrometric Method, referenced in Section 611.611.

Method 3113 B, Metals by Electrothermal Atomic Absorption Spectrometry, Electrothermal Atomic Absorption Spectrometric Method, referenced in Sections 611.611 and 611.612.

Method 3114 B, Metals by Hydride Generation/Atomic Absorption Spectrometry, Manual Hydride

Generation/Atomic Absorption Spectrometric Method, referenced in Section 611.611.

Method 3120 B, Metals by Plasma Emission Spectroscopy, Inductively Coupled Plasma (ICP) Method, referenced in Sections 611.611 and 611.612.

Method 3125, Metals by Inductively Coupled Plasma/Mass Spectrometry, referenced in Section 611.720.

Method 3500-Ca B, Calcium, EDTA Titrimetric Method, referenced in Section 611.611.

Method 3500-Mg B, Magnesium, Calculation Method, referenced in Section 611.611.

Method 4110 B, Determination of Anions by Ion Chromatography, Ion Chromatography with Chemical Suppression of Eluent Conductivity, referenced in Section 611.611.

Method 4500-Cl D, Chlorine, Amperometric Titration Method, referenced in Section 611.381.

Method 4500-Cl E, Chlorine, Low-Level Amperometric Titration Method, referenced in Section 611.381.

Method 4500-Cl F, Chlorine, DPD Ferrous Titrimetric Method, referenced in Section 611.381.

Method 4500-Cl G, Chlorine, DPD Colorimetric Method, referenced in Section 611.381.

Method 4500-Cl H, Chlorine, Syringaldazine (FACTS) Method, referenced in Section 611.381.

Method 4500-Cl I, Chlorine, Iodometric Electrode Method, referenced in Section 611.381.

Method 4500-ClO_2 C, Chlorine Dioxide, Amperometric Method I, referenced in Section 611.531.

Method 4500-ClO_2 E, Chlorine Dioxide, Amperometric Method II (Proposed), referenced in Section 611.381.

Method 4500-CN^- E, Cyanide, Colorimetric Method, referenced in Section 611.611.

Method 4500-CN^- F, Cyanide, Cyanide-Selective Electrode Method, referenced in Section 611.611.

Method 4500-CN^- G, Cyanide, Cyanides Amenable to Chlorination after Distillation, referenced in Section 611.611.

Method 4500-F^- B, Fluoride, Preliminary Distillation Step, referenced in Section 611.611.

Method 4500-F^- C, Fluoride, Ion-Selective Electrode Method, referenced in Section 611.611.

Method 4500-F^- D, Fluoride, SPADNS Method, referenced in Section 611.611.

Method 4500-F^- E, Fluoride, Complexone Method, referenced in Section 611.611.

Method 4500-H^+ B, pH Value, Electrometric Method, referenced in Section 611.611.

Method 4500-NO_2^- B, Nitrogen (Nitrite), Colorimetric Method, referenced in Section 611.611.

Method 4500-NO_3^- D, Nitrogen (Nitrate), Nitrate Electrode Method, referenced in Section 611.611.

Method 4500-NO_3^- E, Nitrogen (Nitrate), Cadmium Reduction Method, referenced in Section 611.611.

Method 4500-NO_3^- F, Nitrogen (Nitrate), Automated Cadmium Reduction Method, referenced in Section 611.611.

Method 4500-O_3 B, Ozone (Residual) (Proposed), Indigo Colorimetric Method, referenced in Section 611.531.

Method 4500-P E, Phosphorus, Ascorbic Acid Method, referenced in Section 611.611.

Method 4500-P F, Phosphorus, Automated Ascorbic Acid Reduction Method, referenced in Section 611.611.

Method 4500-SiO_2 C, Silica, Molybdosilicate Method, referenced in Section 611.611.

Method 4500-SiO_2 D, Silica, Heteropoly Blue Method, referenced in Section 611.611.

Method 4500-SiO_2 E, Silica, Automated Method for Molybdate-Reactive Silica, referenced in Section 611.611.

Method 5310 B, TOC, Combustion-Infrared Method, referenced in Section 611.381.

Method 5310 C, TOC, Persulfate-Ultraviolet Oxidation Method, referenced in Section 611.381.

Method 5310 D, TOC, Wet-Oxidation Method, referenced in Section 611.381.

Method 5910 B, UV-Absorbing Organic Constituents, Ultraviolet Absorption Method, referenced in Sections 611.381 and 611.382.

Method 6251 B, Disinfection By-Products: Haloacetic Acids and Trichlorophenol, Micro Liquid-Liquid

Extraction Gas Chromatography Method, referenced in Section 611.381.

Method 6610 B, Carbamate Pesticide Method, High-Performance Liquid Chromatographic Method, referenced in Section 611.645.

Method 6640 B, Acidic Herbicide Compounds, Micro Liquid-Liquid Extraction Gas Chromatographic Method, referenced in Section 611.645.

Method 6651 B, Glyphosate Herbicide, Liquid Chromatographic Post-Column Fluorescence Method, referenced in Section 611.645.

Method 7110 B, Gross Alpha and Gross Beta Radioactivity, Evaporation Method for Gross Alpha-Beta, referenced in Section 611.720.

Method 7110 C, Gross Alpha and Beta Radioactivity (Total, Suspended, and Dissolved), Coprecipitation Method for Gross Alpha Radioactivity in Drinking Water (Proposed), referenced in Section 611.720.

Method 7120, Gamma-Emitting Radionuclides, referenced in Section 611.720.

Method 7500-Cs B, Radioactive Cesium, Precipitation Method, referenced in Section 611.720.

Method 7500-^{3}H B, Tritium, Liquid Scintillation Spectrometric Method, referenced in Section 611.720.

Method 7500-I B, Radioactive Iodine, Precipitation Method, referenced in Section 611.720.

Method 7500-I C, Radioactive Iodine, Ion-Exchange Method, referenced in Section 611.720.

Method 7500-I D, Radioactive Iodine, Distillation Method, referenced in Section 611.720.

Method 7500-Ra B, Radium, Precipitation Method, referenced in Section 611.720.

Method 7500-Ra C, Radium, Emanation Method, referenced in Section 611.720.

Method 7500-Ra D, Radium, Sequential Precipitation Method, referenced in Section 611.720.

Method 7500-Sr B, Total Radioactive Strontium and Strontium 90, Precipitation Method, referenced in Section 611.720.

Method 7500-U B, Uranium, Radiochemical Method, referenced in Section 611.720.

Method 7500-U C, Uranium, Isotopic Method, referenced in Section 611.720.

Method 9060 A, Samples, Collection, referenced in Section 611.1052.

Method 9215 B, Heterotrophic Plate Count, Pour Plate Method, referenced in Section 611.531.

Method 9221 A, Multiple-Tube Fermentation Technique for Members of the Coliform Group, Introduction, referenced in Sections 611.526 and 611.531.

Method 9221 B, Multiple-Tube Fermentation Technique for Members of the Coliform Group, Standard Total Coliform Fermentation Technique, referenced in Sections 611.526, 611.531, and 611.1052.

Method 9221 C, Multiple-Tube Fermentation Technique for Members of the Coliform Group, Estimation of

Bacterial Density, referenced in Sections 611.526, 611.531, and 611.1052.

Method 9221 D, Multiple-Tube Fermentation Technique for Members of the Coliform Group, Presence-Absence (P-A) Coliform Test, referenced in Section 611.526 and 611.1052.

Method 9221 E, Multiple-Tube Fermentation Technique for Members of the Coliform Group, Fecal Coliform Procedure, referenced in Sections 611.526 and 611.531.

Method 9221 F, Multiple-Tube Fermentation Technique for Members of the Coliform Group, Escherichia Coli Procedure (Proposed), referenced in Section 611.802.

Method 9222 A, Membrane Filter Technique for Members of the Coliform Group, Introduction, referenced in Sections 611.526 and 611.531.

Method 9222 B, Membrane Filter Technique for Members of the Coliform Group, Standard Total Coliform Membrane Filter Procedure, referenced in Sections 611.526, 611.531, and 611.1052.

Method 9222 C, Membrane Filter Technique for Members of the Coliform Group, Delayed-Incubation Total Coliform Procedure, referenced in Sections 611.526 and 611.531.

Method 9222 D, Membrane Filter Technique for Members of the Coliform Group, Fecal Coliform Membrane Filter Procedure, referenced in Section 611.531.

Method 9222 G, Membrane Filter Technique for Members of the Coliform Group, MF Partition Procedures, referenced in Section 611.526.

Method 9223, Chromogenic Substrate Coliform Test (also referred to as the variations "~~Autoanalysis~~ Colilert® Test

~~System~~" and "Colisure™ Test"), referenced in Sections 611.526 and 611.531.

Method 9223 B, Chromogenic Substrate Coliform Test (also referred to as the variations "~~Autoanalysis~~Colilert® Test ~~System~~" ~~and~~ "Colisure™ Test," and "Colilert-18® Test", based on the particular medium used, available from IDEXX Laboratories, Inc.), referenced in Sections 611.526, 611.802, 611.1004, and 611.1052.

BOARD NOTE: See the Board note appended to Standard Methods Online in this Section about methods that appear in Standard Methods, 21st ed. which USEPA has cited as available from Standard Methods Online.

"Standard Methods for the Examination of Water and Wastewater," 22nd Edition, 2012 (referred to as "Standard Methods, 22nd ed."). See the methods listed separately for the same references under American Waterworks Association.

Method 2130 B, Turbidity, Nephelometric Method, referenced in Section 611.531.

Method 2320 B, Alkalinity, Titration Method, referenced in Section 611.611.

Method 2510 B, Conductivity, Laboratory Method, referenced in Section 611.611.

Method 2550, Temperature, Laboratory, and Field Methods, referenced in Section 611.611.

Method 3111 B, Metals by Flame Atomic Absorption Spectrometry, Direct Air-Acetylene Flame Method, referenced in Sections 611.611 and 611.612.

Method 3111 D, Metals by Flame Atomic Absorption Spectrometry, Direct Nitrous Oxide-Acetylene Flame Method, referenced in Section 611.611.

Method 3112 B, Metals by Cold-Vapor Atomic Absorption Spectrometry, Cold-Vapor Atomic Absorption Spectrometric Method, referenced in Section 611.611.

Method 3113 B, Metals by Electrothermal Atomic Absorption Spectrometry, Electrothermal Atomic Absorption Spectrometric Method, referenced in Sections 611.611 and 611.612.

Method 3114 B, Metals by Hydride Generation/Atomic Absorption Spectrometry, Manual Hydride Generation/Atomic Absorption Spectrometric Method, referenced in Section 611.611.

Method 3120 B, Metals by Plasma Emission Spectroscopy, Inductively Coupled Plasma (ICP) Method, referenced in Sections 611.611 and 611.612.

Method 3500-Ca B, Calcium, EDTA Titrimetric Method, referenced in Section 611.611.

Method 3500-Mg B, Magnesium, Calculation Method, referenced in Section 611.611.

Method 4110 B, Determination of Anions by Ion Chromatography, Ion Chromatography with Chemical Suppression of Eluent Conductivity, referenced in Section 611.611.

Method 4500-Cl D, Chlorine, Amperometric Titration Method, referenced in Section 611.381.

Method 4500-Cl E, Chlorine, Low-Level Amperometric Titration Method, referenced in Section 611.381.

Method 4500-Cl F, Chlorine, DPD Ferrous Titrimetric Method, referenced in Section 611.381.

Method 4500-Cl G, Chlorine, DPD Colorimetric Method, referenced in Section 611.381.

Method 4500-Cl H, Chlorine, Syringaldazine (FACTS) Method, referenced in Section 611.381.

Method 4500-Cl I, Chlorine, Iodometric Electrode Method, referenced in Section 611.381.

Method 4500-ClO_2 C, Chlorine Dioxide, Amperometric Method I, referenced in Section 611.531.

Method 4500-ClO_2 E, Chlorine Dioxide, Amperometric Method II (Proposed), referenced in Section 611.381.

Method 4500-CN^- E, Cyanide, Colorimetric Method, referenced in Section 611.611.

Method 4500-CN^- F, Cyanide, Cyanide-Selective Electrode Method, referenced in Section 611.611.

Method 4500-CN^- G, Cyanide, Cyanides Amenable to Chlorination after Distillation, referenced in Section 611.611.

Method 4500-F^- B, Fluoride, Preliminary Distillation Step, referenced in Section 611.611.

Method 4500-F^- C, Fluoride, Ion-Selective Electrode Method, referenced in Section 611.611.

Method 4500-F^- D, Fluoride, SPADNS Method, referenced in Section 611.611.

Method 4500-F^- E, Fluoride, Complexone Method, referenced in Section 611.611.

Method 4500-H^+ B, pH Value, Electrometric Method, referenced in Section 611.611.

Method 4500-NO_2^- B, Nitrogen (Nitrite), Colorimetric Method, referenced in Section 611.611.

Method 4500-NO_3^- D, Nitrogen (Nitrate), Nitrate Electrode Method, referenced in Section 611.611.

Method 4500-NO_3^- E, Nitrogen (Nitrate), Cadmium Reduction Method, referenced in Section 611.611.

Method 4500-NO_3^- F, Nitrogen (Nitrate), Automated Cadmium Reduction Method, referenced in Section 611.611.

Method 4500-O_3 B, Ozone (Residual) (Proposed), Indigo Colorimetric Method, referenced in Section 611.531.

Method 4500-P E, Phosphorus, Ascorbic Acid Method, referenced in Section 611.611.

Method 4500-P F, Phosphorus, Automated Ascorbic Acid Reduction Method, referenced in Section 611.611.

Method 4500-SiO_2 C, Silica, Molybdosilicate Method, referenced in Section 611.611.

Method 4500-SiO_2 D, Silica, Heteropoly Blue Method, referenced in Section 611.611.

Method 4500-SiO_2 E, Silica, Automated Method for Molybdate-Reactive Silica, referenced in Section 611.611.

Method 5310 B, TOC, Combustion-Infrared Method, referenced in Section 611.381.

Method 5310 C, TOC, Persulfate-Ultraviolet Oxidation Method, referenced in Section 611.381.

Method 5310 D, TOC, Wet-Oxidation Method, referenced in Section 611.381.

Method 5910 B, UV-Absorbing Organic Constituents, Ultraviolet Absorption Method, referenced in Sections 611.381 and 611.382.

Method 6251 B, Disinfection By-Products: Haloacetic Acids and Trichlorophenol, referenced in Section 611.381.

Method 6610 B, Carbamate Pesticide Method, High-Performance Liquid Chromatographic Method, referenced in Section 611.645.

Method 6640 B, Acidic Herbicide Compounds, Micro Liquid-Liquid Extraction Gas Chromatographic Method, referenced in Section 611.645.

Method 6651 B, Glyphosate Herbicide, Liquid Chromatographic Post-Column Fluorescence Method, referenced in Section 611.645.

Method 7110 B, Gross Alpha and Gross Beta Radioactivity, Evaporation Method for Gross Alpha-Beta, referenced in Section 611.720.

Method 7110 C, Gross Alpha and Beta Radioactivity (Total, Suspended, and Dissolved), Coprecipitation Method for Gross Alpha Radioactivity in Drinking Water (Proposed), referenced in Section 611.720.

Method 7120, Gamma-Emitting Radionuclides, referenced in Section 611.720.

Method 7500-Cs B, Radioactive Cesium, Precipitation Method, referenced in Section 611.720.

Method 7500-^{3}H B, Tritium, Liquid Scintillation Spectrometric Method, referenced in Section 611.720.

Method 7500-I B, Radioactive Iodine, Precipitation Method, referenced in Section 611.720.

Method 7500-I C, Radioactive Iodine, Ion-Exchange Method, referenced in Section 611.720.

Method 7500-I D, Radioactive Iodine, Distillation Method, referenced in Section 611.720.

Method 7500-Ra B, Radium, Precipitation Method, referenced in Section 611.720.

Method 7500-Ra C, Radium, Emanation Method, referenced in Section 611.720.

Method 7500-Ra D, Radium, Sequential Precipitation Method, referenced in Section 611.720.

Method 7500-Sr B, Total Radioactive Strontium and Strontium 90, Precipitation Method, referenced in Section 611.720.

Method 7500-U B, Uranium, Radiochemical Method, referenced in Section 611.720.

Method 7500-U C, Uranium, Isotopic Method, referenced in Section 611.720.

Method 9060 A, Samples, Collection, referenced in Section 611.1052.

Method 9215 B, Heterotrophic Plate Count, Pour Plate Method, referenced in Section 611.531.

Method 9221 A, Multiple-Tube Fermentation Technique for Members of the Coliform Group, Introduction, referenced in Sections 611.526 and 611.531.

Method 9221 B, Multiple-Tube Fermentation Technique for Members of the Coliform Group, Standard Total Coliform Fermentation Technique, referenced in Sections 611.526, 611.531, and 611.1052.

Method 9221 C, Multiple-Tube Fermentation Technique for Members of the Coliform Group, Estimation of Bacterial Density, referenced in Sections 611.526 and 611.531.

Method 9221 E, Multiple-Tube Fermentation Technique for Members of the Coliform Group, Fecal Coliform Procedure, referenced in Sections 611.526 and 611.531.

Method 9221 F, Multiple-Tube Fermentation Technique for Members of the Coliform Group, Escherichia Coli Procedure (Proposed), referenced in Section 611.802 and 611.1052.

Method 9222 A, Membrane Filter Technique for Members of the Coliform Group, Introduction, referenced in Sections 611.526 and 611.531.

Method 9222 B, Membrane Filter Technique for Members of the Coliform Group, Standard Total Coliform Membrane Filter Procedure, referenced in Sections 611.526 and 611.531.

Method 9222 C, Membrane Filter Technique for Members of the Coliform Group, Delayed-Incubation Total Coliform Procedure, referenced in Sections 611.526 and 611.531.

Method 9222 D, Membrane Filter Technique for Members of the Coliform Group, Fecal Coliform Membrane Filter Procedure, referenced in Section 611.531.

Method 9223 B, Chromogenic Substrate Coliform Test (also referred to as the variations "~~Autoanalysis~~ Colilert® Test ~~System~~" ~~and~~ "Colisure™ Test," and "Colilert-18®

Test", based on the particular medium used, available from IDEXX Laboratories, Inc.), referenced in Sections 611.526, 611.802, 611.1004, and 611.1052.

BOARD NOTE: See the Board note appended to Standard Methods Online in this Section about methods that appear in Standard Methods, 22nd ed., which USEPA has cited as available from Standard Methods Online.

BOARD NOTE: Individual Methods from Standard Methods are available online from Standard Methods Online.

ASTM. American Society for Testing and Materials, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 (610-832-9585).

ASTM Method D511-93 A and B, "Standard Test Methods for Calcium and Magnesium in Water," "Test Method A − Complexometric Titration" & "Test Method B − Atomic Absorption Spectrophotometric," approved 1993, referenced in Section 611.611.

ASTM Method D511-03 A and B, "Standard Test Methods for Calcium and Magnesium in Water," "Test Method A − Complexometric Titration" & "Test Method B − Atomic Absorption Spectrophotometric," approved 2003, referenced in Section 611.611.

ASTM Method D511-09 A and B, "Standard Test Methods for Calcium and Magnesium in Water," "Test Method A − Complexometric Titration" & "Test Method B − Atomic Absorption Spectrophotometric," approved 2009, referenced in Section 611.611.

ASTM Method D515-88 A, "Standard Test Methods for Phosphorus in Water," "Test Method A − Colorimetric Ascorbic Acid Reduction," approved August 19, 1988, referenced in Section 611.611.

ASTM Method D859-94, "Standard Test Method for Silica in

Water," approved 1994, referenced in Section 611.611.

ASTM Method D859-00, "Standard Test Method for Silica in Water," approved 2000, referenced in Section 611.611.

ASTM Method D859-05, "Standard Test Method for Silica in Water," approved 2005, referenced in Section 611.611.

ASTM Method D859-10, "Standard Test Method for Silica in Water," approved 2010, referenced in Section 611.611.

ASTM Method D1067-92 B, "Standard Test Methods for Acidity or Alkalinity in Water," "Test Method B − Electrometric or Color-Change Titration," approved May 15, 1992, referenced in Section 611.611.

ASTM Method D1067-02 B, "Standard Test Methods for Acidity or Alkalinity in Water," "Test Method B − Electrometric or Color-Change Titration," approved in 2002, referenced in Section 611.611.

ASTM Method D1067-06 B, "Standard Test Methods for Acidity or Alkalinity in Water," "Test Method B − Electrometric or Color-Change Titration," approved in 2006, referenced in Section 611.611.

ASTM Method D1067-11 B, "Standard Test Methods for Acidity or Alkalinity in Water," "Test Method B − Electrometric or Color-Change Titration," approved in 2011, referenced in Section 611.611.

ASTM Method D1125-95 (1999) A, "Standard Test Methods for Electrical Conductivity and Resistivity of Water," "Test Method A − Field and Routine Laboratory Measurement of Static (Non-Flowing) Samples," approved 1995, reapproved 1999, referenced in Section 611.611.

ASTM Method D1179-93 B, "Standard Test Methods for Fluoride in Water," "Test Method B − Ion Selective Electrode," approved

1993, referenced in Section 611.611.

ASTM Method D1179-99 B, "Standard Test Methods for Fluoride in Water," "Test Method B − Ion Selective Electrode," approved 1999, referenced in Section 611.611.

ASTM Method D1179-04 B, "Standard Test Methods for Fluoride in Water," "Test Method B − Ion Selective Electrode," approved 2004, referenced in Section 611.611.

ASTM Method D1179-10 B, "Standard Test Methods for Fluoride in Water," "Test Method B − Ion Selective Electrode," approved 2010, referenced in Section 611.611.

ASTM Method D1253-86, "Standard Test Method for Residual Chlorine in Water," reapproved 1992, referenced in Section 611.381.

ASTM Method D1253-96, "Standard Test Method for Residual Chlorine in Water," approved 1996, referenced in Section 611.381.

ASTM Method D1253-03, "Standard Test Method for Residual Chlorine in Water," approved 2003, referenced in Sections 611.381 and 611.531.

ASTM Method D1253-08, "Standard Test Method for Residual Chlorine in Water," approved 2008, referenced in Sections 611.381 and 611.531.

ASTM Method D1293-95 A or B, "Standard Test Methods for pH of Water," "Test Method A − Precise Laboratory Measurement" & "Test Method B − Routine or Continuous Measurement," approved 1995, referenced in Section 611.611.

ASTM Method D1293-99 A or B, "Standard Test Methods for pH of Water," "Test Method A − Precise Laboratory Measurement" & "Test Method B − Routine or Continuous Measurement," approved 1999, referenced in Section 611.611.

ASTM Method D1293-12, "Standard Test Methods for pH of Water," approved 2012, referenced in Section 611.611.

ASTM Method D1688-95 A or C, "Standard Test Methods for Copper in Water," "Test Method A − Atomic Absorption, Direct" & "Test Method C −Atomic Absorption, Graphite Furnace," approved 1995, referenced in Section 611.611.

ASTM Method D1688-02 A or C, "Standard Test Methods for Copper in Water," "Test Method A − Atomic Absorption, Direct" & "Test Method C − Atomic Absorption, Graphite Furnace," approved 2002, referenced in Section 611.611.

ASTM Method D1688-07 A or C, "Standard Test Methods for Copper in Water," "Test Method A − Atomic Absorption, Direct" & "Test Method C − Atomic Absorption, Graphite Furnace," approved 2007, referenced in Section 611.611.

ASTM Method D2036-98 A or B, "Standard Test Methods for Cyanide in Water," "Test Method A − Total Cyanides after Distillation" & "Test Method B − Cyanides Amenable to Chlorination by Difference," approved 1998, referenced in Section 611.611.

ASTM Method D2036-06 A or B, "Standard Test Methods for Cyanide in Water," "Test Method A − Total Cyanides after Distillation" & "Test Method B − Cyanides Amenable to Chlorination by Difference," approved 2006, referenced in Section 611.611.

ASTM Method D2459-72, "Standard Test Method for Gamma Spectrometry in Water," approved July 28, 1972, discontinued 1988, referenced in Section 611.720.

ASTM Method D2460-97, "Standard Test Method for Radionuclides of Radium in Water," approved 1997, referenced in Section 611.720.

ASTM Method D2460-07, "Standard Test Method for Radionuclides of Radium in Water," approved 2007, referenced in Section 611.720.

ASTM Method D2907-97, "Standard Test Methods for Microquantities of Uranium in Water by Fluorometry," approved 1997, referenced in Section 611.720.

ASTM Method D2972-97 B or C, "Standard Test Methods for Arsenic in Water," "Test Method B − Atomic Absorption, Hydride Generation" & "Test Method C − Atomic Absorption, Graphite Furnace," approved 1997, referenced in Section 611.611.

ASTM Method D2972-03 B or C, "Standard Test Methods for Arsenic in Water," "Test Method B − Atomic Absorption, Hydride Generation" & "Test Method C − Atomic Absorption, Graphite Furnace," approved 2003, referenced in Section 611.611.

ASTM Method D2972-08 B or C, "Standard Test Methods for Arsenic in Water," "Test Method B − Atomic Absorption, Hydride Generation" & "Test Method C − Atomic Absorption, Graphite Furnace," approved 2008, referenced in Section 611.611.

ASTM Method D3223-97, "Standard Test Method for Total Mercury in Water," approved 1997, referenced in Section 611.611.

ASTM Method D3223-02, "Standard Test Method for Total Mercury in Water," approved 2002, referenced in Section 611.611.

ASTM Method D3223-12, "Standard Test Method for Total Mercury in Water," approved 2012, referenced in Section 611.611.

ASTM Method D3454-97, "Standard Test Method for Radium-226 in Water," approved 1997, referenced in Section 611.720.

ASTM Method D3454-05, "Standard Test Method for Radium-226 in Water," approved 2005, referenced in Section 611.720.

ASTM Method D3559-96 D, "Standard Test Methods for Lead in

Water," "Test Method D − Atomic Absorption, Graphite Furnace," approved August 6, 1990, referenced in Section 611.611.

ASTM Method D3559-03 D, "Standard Test Methods for Lead in Water," "Test Method D − Atomic Absorption, Graphite Furnace," approved 2003, referenced in Section 611.611.

ASTM Method D3559-08 D, "Standard Test Methods for Lead in Water," "Test Method D − Atomic Absorption, Graphite Furnace," approved 2008, referenced in Section 611.611.

ASTM Method D3645-97 B, "Standard Test Methods for Beryllium in Water," "Method B − Atomic Absorption, Graphite Furnace," approved 1997, referenced in Section 611.611.

ASTM Method D3645-03 B, "Standard Test Methods for Beryllium in Water," "Method B − Atomic Absorption, Graphite Furnace," approved 2003, referenced in Section 611.611.

ASTM Method D3645-08 B, "Standard Test Methods for Beryllium in Water," "Method B − Atomic Absorption, Graphite Furnace," approved 2008, referenced in Section 611.611.

ASTM Method D3649-91, "Standard Test Method for High-Resolution Gamma-Ray Spectrometry of Water," approved 1991, referenced in Section 611.720.

ASTM Method D3649-98a, "Standard Test Method for High-Resolution Gamma-Ray Spectrometry of Water," approved 1998, referenced in Section 611.720.

ASTM Method D3649-06, "Standard Test Method for High-Resolution Gamma-Ray Spectrometry of Water," approved 2006, referenced in Section 611.720.

ASTM Method D3697-92, "Standard Test Method for Antimony in Water," approved 1992, referenced in Section 611.611.

ASTM Method D3697-02, "Standard Test Method for Antimony in Water," approved 2002, referenced in Section 611.611.

ASTM Method D3697-07, "Standard Test Method for Antimony in Water," approved 2007, referenced in Section 611.611.

ASTM Method D3859-98 A and B, "Standard Test Methods for Selenium in Water," "Method A − Atomic Absorption, Hydride Method" & "Method B – Atomic Absorption~~Absorbtion~~, Graphite Furnace," approved 1998, referenced in Section 611.611.

ASTM Method D3859-03 A and B, "Standard Test Methods for Selenium in Water," "Method A − Atomic Absorption, Hydride Method" & "Method B – Atomic Absorption~~Absorbtion~~, Graphite Furnace," approved 2003, referenced in Section 611.611.

ASTM Method D3859-08 A and B, "Standard Test Methods for Selenium in Water," "Method A − Atomic Absorption, Hydride Method" & "Method B − Atomic Absorption~~Absorbtion~~, Graphite Furnace," approved 2008, referenced in Section 611.611.

ASTM Method D3867-90 A and B, "Standard Test Methods for Nitrite-Nitrate in Water," "Test Method A − Automated Cadmium Reduction" & "Test Method B − Manual Cadmium Reduction," approved January 10, 1990, referenced in Section 611.611.

ASTM Method D3972-97, "Standard Test Method for Isotopic Uranium in Water by Radiochemistry," approved 1997, referenced in Section 611.720.

ASTM Method D3972-02, "Standard Test Method for Isotopic Uranium in Water by Radiochemistry," approved 2002, referenced in Section 611.720.

ASTM Method D3972-09, "Standard Test Method for Isotopic Uranium in Water by Radiochemistry," approved 2009, referenced in Section 611.720.

ASTM Method D4107-91, "Standard Test Method for Tritium in

Drinking Water," approved 1991, referenced in Section 611.720.

ASTM Method D4107-98, "Standard Test Method for Tritium in Drinking Water," approved 1998, referenced in Section 611.720.

ASTM Method D4107-08, "Standard Test Method for Tritium in Drinking Water," approved 2008, referenced in Section 611.720.

ASTM Method D4327-97, "Standard Test Method for Anions in Water by Ion Chromatography," approved 1997, referenced in Section 611.611.

ASTM Method D4327-03, "Standard Test Method for Anions in Water by Ion Chromatography," approved 2003, referenced in Section 611.611.

ASTM Method D4327-11, "Standard Test Method for Anions in Water by Ion Chromatography," approved 2011, referenced in Section 611.611.

ASTM Method D4785-93, "Standard Test Method for Low-Level Iodine-131 in Water," approved 1993, referenced in Section 611.720.

ASTM Method D4785-98, "Standard Test Method for Low-Level Iodine-131 in Water," approved 1998, referenced in Section 611.720.

ASTM Method D4785-08, "Standard Test Method for Low-Level Iodine-131 in Water," approved 2008, referenced in Section 611.720.

ASTM Method D5174-97, "Standard Test Method for Trace Uranium in Water by Pulsed-Laser Phosphorimetry," approved 1997, referenced in Section 611.720.

ASTM Method D5174-02, "Standard Test Method for Trace Uranium in Water by Pulsed-Laser Phosphorimetry," approved 2002, referenced in Section 611.720.

ASTM Method D5174-07, "Standard Test Method for Trace Uranium in Water by Pulsed-Laser Phosphorimetry," approved 2007, referenced in Section 611.720.

ASTM Method D5317-93, "Standard Test Method for Determination of Chlorinated Organic Acid Compounds in Water by Gas Chromatography with an Electron Capture Detector," approved 1993, referenced in Section 611.645.

ASTM Method D5317-98 (2003), "Standard Test Method for Determination of Chlorinated Organic Acid Compounds in Water by Gas Chromatography with an Electron Capture Detector," approved 1998 (reapproved 2003), referenced in Section 611.645.

ASTM Method D5673-03, "Standard Test Method for Elements in Water by Inductively Coupled Plasma – Mass Spectrometry," approved 2003, referenced in Section 611.720.

ASTM Method D5673-05, "Standard Test Method for Elements in Water by Inductively Coupled Plasma − Mass Spectrometry," approved 2005, referenced in Section 611.720.

ASTM Method D5673-10, "Standard Test Method for Elements in Water by Inductively Coupled Plasma − Mass Spectrometry," approved 2010, referenced in Section 611.720.

ASTM Method D6239-09, "Standard Test Method for Uranium in Drinking Water by High-Resolution Alpha-Liquid-Scintillation Spectrometry," approved 2009, referenced in Section 611.720.

ASTM Method D6508-00(2005), "Standard Test Method for Determination of Dissolved Inorganic Anions in Aqueous Matrices Using Capillary Ion Electrophoresis and Chromate Electrolyte," approved 2000 (revised 2005), referenced in Section 611.611.

ASTM Method D6581-00, "Standard Test Method for Bromate, Bromide, Chlorate, and Chlorite in Drinking Water by Chemically

Suppressed Ion Chromatography," approved 2000, referenced in Section 611.381.

ASTM Method D6581-08 A and B, "Standard Test Method for Bromate, Bromide, Chlorate, and Chlorite in Drinking Water by Suppressed Ion Chromatography," "Test Method A − Chemically Suppressed Ion Chromatography" & "Test Method B − Electrolytically Suppressed Ion Chromatography," approved 2008, referenced in Section 611.381.

ASTM Method D6919-03, "Standard Test Method for Determination of Dissolved Alkali and Alkaline Earth Cations and Ammonium in Water and Wastewater by Ion Chromatography," approved 2003, referenced in Section 611.611.

ASTM Method D6919-09, "Standard Test Method for Determination of Dissolved Alkali and Alkaline Earth Cations and Ammonium in Water and Wastewater by Ion Chromatography," approved 2009, referenced in Section 611.611.

ASTM Method D6888-04, "Standard Test Method for Available Cyanide with Ligand Displacement and Flow Injection Analysis (FIA) Utilizing Gas Diffusion Separation and Amperometric Detection," approved 2004, referenced in Section 611.611.

BOARD NOTE: The most recent version of ASTM methods are available for paid download from the ASTM at www.astm.org. Note that the most recent version of an ASTM method may not be the version approved for use by USEPA and incorporated by reference in subsection (b) of this Section.

Bran & Luebbe, 1025 Busch Parkway, Buffalo Grove, IL 60089.

"Fluoride in Water and Wastewater," Industrial Method #129-71W, December 1972 (referred to as "Technicon Methods, Method #129-71W"). See 40 CFR 141.23(k)(1), footnote 11 (2014)~~(2012)~~, referenced in Section 611.611.

"Fluoride in Water and Wastewater," #380-75WE, February 1976

(referred to as "Technicon Methods, Method #380-75WE"). See 40 CFR 141.23(k)(1), footnote 11 (2014)~~(2012)~~, referenced in Section 611.611.

Charm Sciences, Inc., 659 Andover St., Lawrence, MA 01843-1032:

"Charm E*Colite Presence/Absence Test for Detection and Identification of Coliform Bacteria and Escherichia coli in Drinking Water," January 9, 1998 (referred to as "E*Colite Test"), referenced in Section 611.802 and 611.1052 (also available from USEPA, Water Resource Center).

"Fast Phage Test Procedure. Presence/Absence for Coliphage in Ground Water with Same Day Positive Prediction," version 009 (Nov. 2012) (referred to as "Charm Fast Phage Test"), referenced in Section 611.802.

CPI International, Inc., 5580 Skylane Blvd., Santa Rosa, CA 95403 (800-878-7654 /fax: 707-545-7901/Internet address: www.cpiinternational.com).

"Colitag® Product as a Test for Detection and Identification of Coliforms and E. coli Bacteria in Drinking Water and Source Water as Required in National Primary Drinking Water Regulations," August 2001, referenced in Section 611.526.

"Modified Colitag™ Test Method for Simultaneous Detection of E. coli and other Total Coliforms in Water (ATP D05-0035)," August 2009 (referred to as "Modified Colitag™ Test~~Method~~"), referenced in Sections 611.526 and 611.802. See also NEMI.

EMD Millipore (division of Merck KGgA, Darmstadt, Germany), 290 Concord Road, Billerica, MA 01821 (800-645-5476 or 781-533-6000).

"Chromocult® Coliform Agar Presence/Absence Membrane Filter Test Method for Detection and Identification of Coliform Bacteria and Escherichia coli in Finished Waters," November 2000 (referred to as "Chromocult® Method, Version 1.0"), referenced in Sections 611.526, 611.802, and 611.1052.

"Readycult Coliforms 100 Presence/Absence Test for Detection and Identification of Coliform Bacteria and Escherichia coli in Finished Waters," November 2000 (referred to as "Readycult® 2000"), Version 1.0, referenced in Section 611.526.

"Readycult Coliforms 100 Presence/Absence Test for Detection and Identification of Coliform Bacteria and Escherichia coli in Finished Waters," Version 1.1, January 2007 (referred to as "Readycult® 2007"), referenced in Section 611.802 and 611.1052.

Georgia Tech Research Institute, Robert Rosson, 925 Dalney Road, Atlanta, GA 30332 (404-407-6339).

"The Determination of Radium-226 and Radium-228 in Drinking Water by Gamma-ray Spectrometry Using HPGE or Ge(Li) Detectors," Revision 1.2, December 2004 (called "Georgia Radium Method"), referenced in Section 611.720.

Great Lakes Instruments, Inc., 8855 North 55th Street, Milwaukee, WI 53223.

GLI Method 2, "Turbidity," Nov. 2, 1992, referenced in Section 611.531.

H&E Testing Laboratory, 221 State Street, Augusta, ME 04333 (207-287-2727).

Method ME355.01, Revision 1, "Determination of Cyanide in Drinking Water by GC/MS Headspace Analysis," May 2009, referenced in Section 611.611. See also NEMI.

The Hach Company, P.O. Box 389, Loveland, CO 80539-0389 (800-227-4224/Internet address: www.hach.com).

"Lead in Drinking Water by Differential Pulse Anodic Stripping Voltammetry," Method 1001, August 1999, referenced in Section 611.611.

"Determination of Turbidity by Laser Nephelometry," January 2000, Revision 2.0 (referred to as "Hach FilterTrak Method 10133"), referenced in Section 611.531.

"Total Coliforms and E. coli Membrane Filtration Method with m-ColiBlue24® Broth," Method No. 10029, Revision 2, August 17, 1999 (referred to as "m-ColiBlue24 Test"), referenced in Sections 611.802 and 611.1052 (also available from USEPA, Water Resource Center).

"Fluoride, USEPA SPADNS 2 Method 10225," revision 2.0, January 2011 (referred to as "Hach SPADNS 2 Method 10225"), referenced in Section 611.611.

"Hach Company TNTplus 835/836 Nitrate Method 10206 − Spectrophotometric Measurement of Nitrate in Water and Wastewater," revision 2.0, January 2011 (referred to as "Hach TNTplus 835/836 Method 10206"), referenced in Section 611.611.

"Hach Method 10260 − Determination of Chlorinated Oxidants (Free and Total) in Water Using Disposable Planar Reagent-filled Cuvettes and Mesofluic Channel Colorimetry," April 2013 (referred to as "Hach Method 10260"), referenced in Sections 611.381 and 611.531.

IDEXX Laboratories, Inc., One IDEXX Drive, Westbrook, Maine 04092 (800-321-0207).

"Colisure Presence/Absence Test for Detection and Identification of Coliform Bacteria and Escherichia Coli in Drinking Water," February 28, 1994 (referred to as "Colisure™ Test"), referenced in Section 611.526.

"IDEXX SimPlate TM HPC Test Method for Heterotrophs in Water," November 2000 (referred to as "SimPlate method"), referenced in Section 611.531.

Industrial Test Systems, Inc., 1875 Langston St., Rock Hill, SC 29730.

Method D99-003, Revision 3.0, "Free Chlorine Species ($HOCl^-$ and OCl^-) by Test Strip," November 21, 2003 (referred to as "ITS Method D99-003"), referenced in Section 611.381.

Lachat Instruments, 6645 W. Mill Rd., Milwaukee, WI 53218 (414-358-4200).

"Digestion and distillation of total cyanide in drinking and wastewaters using MICRO DIST and determination of cyanide by flow injection analysis," Revision 2.1, November 30, 2000 (referred to as "QuikChem Method 10-204-00-1-X"), referenced in Section 611.611.

Leck Mitchell, PhD, PE, 656 Independence Valley Dr., Grand Junction, CO 81507. See also NEMI.

Mitchell Method M5271, "Determination of Turbidity by Laser Nephelometry," March 2009, referenced in Section 611.531.

Mitchell Method M5331, "Determination of Turbidity by LED Nephelometry," March 2009, referenced in Section 611.531.

NCRP. National Council on Radiation Protection, 7910 Woodmont Ave., Bethesda, MD (301-657-2652).

NCRP Report Number 22, "Maximum Permissible Body Burdens and Maximum Permissible Concentrations of Radionuclides in Air and in Water for Occupational Exposure," NCRP Report Number 22, June 5, 1959, referenced in Section 611.101.

NEMI. National Environmental Method Index (on-line at www.nemi.gov).

AMI Turbiwell Method, "Continuous Measurement of Turbidity Using a SWAN AMI Turbiwell Turbidimeter," August 2009. See also SWAN Analytische Instrumente AG.

Method ME355.01, Revision 1, "Determination of Cyanide in Drinking Water by GC/MS Headspace Analysis," May 2009, referenced in Section 611.611. See also H&E Testing Laboratory.

Mitchell Method M5271, "Determination of Turbidity by Laser Nephelometry," March 2009, referenced in Section 611.531. See also Leck Mitchell, PhD, PE.

Mitchell Method M5331, "Determination of Turbidity by LED Nephelometry," March 2009, referenced in Section 611.531. See also Leck Mitchell, PhD, PE

Modified Colitag™ Method, "Modified Colitag™ Test Method for Simultaneous Detection of E. coli and other Total Coliforms in Water (ATP D05-0035)," August 2009, referenced in Sections 611.526 and 611.802. See also CPI International, Inc.

Orion Method AQ4500, "Determination of Turbidity by LED Nephelometry," May 2009, referenced in Section 611.531. See also Thermo Scientific.

Palintest ChloroSense, "Measurement of Free and Total Chlorine in Drinking Water by Palintest ChloroSense," September 2009 (referred to as "Palintest ChloroSense"), referenced in Sections 611.381 and 611.531. See also Palintest.

"Systea Easy (1-Reagent) Nitrate Method," February 2009, referenced in Section 611.611. See also Systea Scientific, LLC.

NSF. National Sanitation Foundation International, 3475 Plymouth Road, PO Box 130140, Ann Arbor, Michigan 48113-0140 (734-769-8010).

NSF Standard 61, section 9, November 1998, referenced in Sections 611.126 and 611.356.

NTIS. National Technical Information Service, U.S. Department of Commerce, 5301 Shawnee Road, Alexandria, VA 22312 (703-605-6000 or 800-553-6847, www.ntis.gov).

Dioxin and Furan Method 1613, Revision B, "Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution HRGC/HRMS," October 1994, Revision B, EPA 821/B-94/005, Doc. No. 94-104774, referenced in Section 611.645. See also USEPA, NSCEP.

Kelada 01, "Kelada Automated Test Methods for Total Cyanide, Acid Dissociable Cyanide, and Thiocyanate," Revision 1.2, August 2001, EPA 821/B-01-009, referenced in Section 611.611.

"Maximum Permissible Body Burdens and Maximum Permissible Concentrations of Radionuclides in Air and in Water for Occupational Exposure," NBS (National Bureau of Standards) Handbook 69, as amended August 1963, U.S. Department of Commerce, referenced in Section 611.330.

"Procedures for Radiochemical Analysis of Nuclear Reactor Aqueous Solutions," H.L. Krieger and S. Gold, EPA-R4-73-014, May 1973, Doc. No. PB222-154/7BA, referenced in Section 611.720.

USEPA Asbestos Method 100.1, "Analytical Method for Determination of Asbestos Fibers in Water," EPA 600/4-83-043, September 1983, Doc. No. PB83-260471, referenced in Section 611.611. See also USEPA, NSCEP.

USEPA Asbestos Method 100.2, "Determination of Asbestos Structures over 10-mm in Length in Drinking Water," EPA 600/R-94-134, June 1994, Doc. No. PB94-201902, referenced in Section 611.611. See also USEPA, NSCEP.

USEPA Environmental Inorganic Methods, "Methods for the Determination of Inorganic Substances in Environmental Samples," August 1993, EPA 600/R-93-100, Doc. No. PB94-121811, referenced in Sections 611.381, 611.531, and 611.611. (Methods 180.1 (rev. 2.0), 300.0 (rev. 2.1), 335.4 (rev. 1.0), 353.2 (rev. 2.0), and 365.1 (rev. 2.0) only.) See also USEPA, NSCEP.

USEPA Environmental Metals Methods, "Methods for the Determination of Metals in Environmental Samples − Supplement I," May 1994, EPA 600/R-94-111, Doc. No. PB95-125472, referenced in Sections 611.611, 611.612, and 611.720. (Methods 200.7 (rev. 4.4), 200.8 (rev. 5.3), 200.9 (rev. 2.2), and 245.1 (rev. 3.0) only.) See also USEPA, NSCEP.

USEPA Inorganic Methods, "Methods for Chemical Analysis of Water and Wastes," March 1983, EPA 600/4-79-020, Doc. No. PB84-128677, referenced in Section 611.611. (Methods 150.1, 150.2, and 245.2 only.) See also USEPA, NSCEP.

USEPA Interim Radiochemical Methods, "Interim Radiochemical Methodology for Drinking Water," EPA 600/4-75-008 (revised), Doc. No. PB253258, March 1976, referenced in Section 611.720.

USEPA OGWDW Methods, Method 326.0, Revision 1.0, "Determination of Inorganic Oxyhalide Disinfection By-Products in Drinking Water Using Ion Chromatography Incorporating the Addition of a Suppressor Acidified Postcolumn Reagent for Trace Bromate Analysis," June 2002, EPA 815/R-03/007, Doc. No. PB2003-107402, referenced in Sections 611.381 and 611.382. See also USEPA, NSCEP and USEPA, OGWDW.

USEPA Organic and Inorganic Methods, "Methods for the Determination of Organic and Inorganic Compounds in Drinking Water, Volume 1," August 2000, EPA 815/R-00/014, Doc. No. PB2000-106981, referenced in Section 611.381. (For methods 300.1 (rev. 1.0), 321.8 (rev. 1.0), and 515.3 (rev. 1.0).) See also USEPA, NSCEP.

USEPA Organic Methods, "Methods for the Determination of Organic Compounds in Drinking Water," December 1988 (revised July 1991), EPA 600/4-88/039, Doc. No. PB91-231480, referenced in Sections 611.645 and 611.648 (Methods 508A (rev. 1.0) and 515.1 (rev. 4.0) only); "Methods for the Determination of Organic Compounds in Drinking Water − Supplement I," July 1990, EPA 600/4-90/020, Doc. No. PB91-146027, referenced in Section 611.645 (Methods 547, 550, and 550.1 only); "Methods for the

Determination of Organic Compounds in Drinking Water − Supplement II," August 1992, EPA 600/R-92/129, Doc. No. PB92-207703, referenced in Sections 611.381 and 611.645. (Methods 548.1 (rev. 1.0), 552.1 (rev. 1.0), and 555 (rev. 1.0) only); and "Methods for the Determination of Organic Compounds in Drinking Water − Supplement III," August 1995, EPA 600/R-95/131, Doc. No. PB95-261616, referenced in Sections 611.381, 611.645, and 611.648 (Methods 502.2 (rev. 2.1), 504.1 (rev. 1.1), 505 (rev. 2.1), 506 (rev. 1.1), 507 (rev. 2.1), 508 (rev. 3.1), 508.1 (rev. 2.0), 515.2 (rev. 1.1), 524.2 (rev. 4.1), 525.2 (rev. 2.0), 531.1 (rev. 3.1), 551.1 (rev. 1.0), and 552.2 (rev. 1.0) only.) See also USEPA, EMSL and USEPA, NSCEP.

USEPA Radioactivity Methods, "Prescribed Procedures for Measurement of Radioactivity in Drinking Water," EPA 600/4-80/032, August 1980, Doc. No. PB80-224744, referenced in Section 611.720 (Methods 900.0, 901.0, 901.1, 902.0, 903.0, 903.1, 904.0, 905.0, 906.0, 908.0, 908.1). See also USEPA, NSCEP.

USEPA Radiochemical Analyses, "Radiochemical Analytical Procedures for Analysis of Environmental Samples," March 1979, Doc. No. EMSL LV 053917, referenced in Section 611.720. (Pages 1-5, 19-32, 33-48, 65-73, 87-91, and 92-95 only.)

USEPA Radiochemistry Procedures, "Radiochemistry Procedures Manual," EPA 520/5-84-006, August 1984, Doc. No. PB84-215581, referenced in Section 611.720. (Methods 00-01, 00-02, 00-07, H-02, Ra-03, Ra-04, Ra-05, Sr-04 only.)

USEPA Technical Notes, "Technical Notes on Drinking Water Methods," EPA 600/R-94/173, October 1994, Doc. No. PB95-104766, referenced in Sections 611.531, 611.611, and 611.645. See also USEPA, NSCEP.

BOARD NOTE: USEPA made the following assertion with regard to this reference at 40 CFR 141.23(k)(1) and 141.24(e) and (n)(11) (2014)~~(2012)~~: "This document contains other analytical test procedures and approved analytical methods that remain

available for compliance monitoring until July 1, 1996." Also available online at http://nepis.epa.gov/EPA/html/Pubs/pubtitleORD.htm under the document designation "600R94173."

New Jersey Department of Environment, Division of Environmental Quality, Bureau of Radiation and Inorganic Analytical Services, 9 Ewing Street, Trenton, NJ 08625.

"Determination of Radium 228 in Drinking Water," August 1990 (referred to as "New Jersey Radium Method"), referenced in Section 611.720.

New York Department of Health, Radiological Sciences Institute, Center for Laboratories and Research, Empire State Plaza, Albany, NY 12201.

"Determination of Ra-226 and Ra-228 (Ra-02)," January 1980, Revised June 1982 (referred to as "New York Radium Method"), referenced in Section 611.720.

Palintest, Ltd., 1455 Jamike Avenue, Suite 100~~21 Kenton Lands Road, P.O. Box 18395~~, Erlanger, KY (800-835-9629).

ChlordioX Plus Test, "Chlorine Dioxide and Chlorite in Drinking Water by Amperometry using Disposable Sensors," November 2013, referenced in Sections 611.381 and 611.531.

Palintest Method 1001, "Lead in Drinking Water by Differential Pulse Anodic Stripping Voltammetry," Method 1001, August 1999, referenced in Section 611.611.

Palintest ChloroSense, "Measurement of Free and Total Chlorine in Drinking Water by Palintest ChloroSense," September 2009 (referred to as "Palintest ChloroSense"), referenced in Sections 611.381 and 611.531. See also NEMI.

Standard Methods Online, available online from the Standard Methods Organization at www.standardmethods.org.

Method 3113 B-04, Metals by Electrothermal Atomic Absorption Spectrometry, Electrothermal Atomic Absorption Spectrometric Method, referenced in Sections 611.611 and 611.612.

Method 9230 B-04, Fecal Streptococcus and Enterococcus Groups, Multiple Tube Techniques, referenced in Section 611.802.

BOARD NOTE: Where, in appendix A to subpart C of 40 CFR 141 (2014)~~(2012)~~, USEPA has authorized use of an approved alternative method from Standard Methods Online, and that version of the method appears also in Standard Methods, 21st or 22nd ed., the Board cites only to Standard Methods, 21st or 22nd ed. for that method. The methods that USEPA listed as available from Standard Methods Online, and which are listed above as in Standard Methods, 21st or 22nd edition, are the following: 2320 B-97 (for alkalinity), 3112 B-09 (for mercury), 3114 B-09 (for arsenic and selenium), 4500-P E-99 and 4500-P F-99; (for orthophosphate); 4500-SO_4^{-2} C-97, 4500-SO_4^{-2} D-97, 4500-SO_4^{-2} E-97, and 4500-SO_4^{-2} F-97 (for sulfate); 6640 B-01 (for 2,4-D, 2,4,5-TP (silvex), ~~(~~dalapon, dinoseb, pentachlorophenol, and picloram); 5561 B-00 (for glyphosate); and 9223 B-97 (for E. coli). Since each method is the same version from both sources, the Board views a copy from Standard Methods Online as equivalent to a copy from Standard Methods Online, even though the Board does not also cite to Standard Methods Online. The Board intends that use of the version of the method that is incorporated by reference is acceptable from either source.

SWAN Analytische Instrumente AG, Studbachstrasse 13, CH-8340, Hinwil, Switzerland.

AMI Turbiwell Method, "Continuous Measurement of Turbidity Using a SWAN AMI Turbiwell Turbidimeter," August 2009, referenced in Section 611.531. See also NEMI.

Syngenta Crop Protection, Inc., 410 Swing Road, Post Office Box 18300, Greensboro, NC 27419 (336-632-6000).

"Atrazine in Drinking Water by Immunoassay," February 2001 (referred to as "Syngenta AG-625"), referenced in Section 611.645.

Systea Scientific LLC, 900 Jorie Blvd., Suite 35, Oak Brook, IL 60523.

Systea Easy (1-Reagent), "Systea Easy (1-Reagent) Nitrate Method," February 2009, referenced in Section 611.611. See also NEMI.

Thermo Scientific, 166 Cummings Center, Beverly, MA 01915 (800-225-1480 or www.thermo.com).

Orion Method AQ4500, "Determination of Turbidity by LED Nephelometry," May 2009, referenced in Section 611.531. See also NEMI.

Technical Bulletin 601, "Standard Method of Testing for Nitrate in Drinking Water," July, 1994, PN 221890-001 (referred to as "Technical Bulletin 601"), referenced in Section 611.611.

USDHS, STD. United States Department of Homeland Security, Science and Technology Directorate (formerly United States Department of Energy, Environmental Measurements Laboratory), currently available on-line in the 28th edition only, at www.nbl.doe.gov/EML_Legacy_Website/procman.htm.

"EML Procedures Manual," HASL 300, 27th Edition, Volume 1, 1990 (referred to as "EML Procedures Manual (27th ed.)"), referenced in Section 611.720.

"EML Procedures Manual," HASL 300, 28th ed., 1997 (referred to as "EML Procedures Manual (28th ed.)"), referenced in Section 611.720.

BOARD NOTE: Although only the 28th edition is currently available, USEPA has approved use of the methods from the 27th edition also. The Board has retained the reference to the 27th edition for the benefit of any laboratory that may be using that edition.

USEPA, EMSL. United States Environmental Protection Agency, Environmental Monitoring and Support Laboratory, Cincinnati, OH 45268 (513-569-7586).

USEPA Interim Radiochemical Methods, "Interim Radiochemical Methodology for Drinking Water," EPA 600/4-75/008 (revised), March 1976, referenced in Section 611.720. See also NTIS.

USEPA Organic Methods, "Methods for the Determination of Organic Compounds in Drinking Water," December 1988 (revised July 1991), EPA 600/4-88/039, referenced in Sections 611.645 and 611.648 (Methods 508A (rev. 1.0) and 515.1 (rev. 4.0) only); "Methods for the Determination of Organic Compounds in Drinking Water − Supplement I," July 1990, EPA 600/4-90/020, referenced in Sections 611.645 and 611.648 (Methods 547, 550, and 550.1 only); "Methods for the Determination of Organic Compounds in Drinking Water − Supplement II," August 1992, EPA 600/R-92/129, referenced in Sections 611.381 and 611.645 (Methods 548.1 (rev. 1.0), 552.1 (rev. 1.0), and 555 (rev. 1.0) only); "Methods for the Determination of Organic Compounds in Drinking Water − Supplement III," August 1995, EPA 600/R-95/131, referenced in Sections 611.381, 611.645, and 611.648 (Methods 502.2 (rev. 2.1), 504.1 (rev. 1.1), 505 (rev. 2.1), 506 (rev. 1.1), 507 (rev. 2.1), 508 (rev. 3.1), 508.1 (rev. 2.0), 515.2 (rev. 4.1), 524.2 (rev. 4.1), 525.2 (rev. 2.0), 551.1 (rev. 1.0), and 552.2 (rev. 1.0) only). See also NTIS and USEPA, NSCEP.

"Procedures for Radiochemical Analysis of Nuclear Reactor Aqueous Solutions," EPA-R4-73-014, May 1973, referenced in Section 611.720. See also NTIS.

USEPA, NSCEP. United States Environmental Protection Agency, National Service Center for Environmental Publications, P.O. Box 42419, Cincinnati, OH 45242-0419 (accessible on-line and available by download from http://www.epa.gov/nscep/).

Dioxin and Furan Method 1613, Revision B, "Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution

HRGC/HRMS," October 1994, EPA 821/B-94/005, referenced in Section 611.645. See also NTIS.

Guidance Manual for Filtration and Disinfection, "Guidance Manual for Compliance with the Filtration and Disinfection Requirements for Public Water Systems Using Surface Water Sources," March 1991, EPA 570/3-91-001, referenced in Section 611.111.

USEPA Asbestos Method 100.1, "Analytical Method for Determination of Asbestos Fibers in Water," September 1983, EPA 600/4-83-043, referenced in Section 611.611. See also NTIS.

USEPA Asbestos Method 100.2, "Determination of Asbestos Structures over 10-mm in Length in Drinking Water," June 1994, EPA 600/R-94-134, referenced in Section 611.611. See also NTIS.

USEPA Environmental Inorganic Methods, "Methods for the Determination of Inorganic Substances in Environmental Samples," August 1993, EPA 600/R-93-100, referenced in Sections 611.381, 611.531, and 611.611. (Methods 180.1 (rev. 2.0), 300.0 (rev. 2.1), 335.4 (rev. 1.0), 353.2 (rev. 2.0), and 365.1 (rev. 2.0) only.) See also NTIS.

USEPA Environmental Metals Methods, "Methods for the Determination of Metals in Environmental Samples − Supplement I," May 1994, EPA 600/R-94-111, referenced in Sections 611.611, 611.612, and 611.720. (Methods 200.7 (rev. 4.4), 200.8 (rev. 5.3), 200.9 (rev. 2.2), and 245.1 (rev. 3.0) only.) See also NTIS.

USEPA Inorganic Methods, "Methods for Chemical Analysis of Water and Wastes," March 1983, EPA 600/4-79-020, referenced in Section 611.611. (Methods 150.1, 150.2, and 245.2 only.) See also NTIS.

USEPA OGWDW Methods, Method 302.0, "Determination of Bromate in Drinking Water Using Two-Dimensional Ion Chromatography with Suppressed Conductivity Detection,"

September 2009, EPA 815/B-09/014, referenced in Sections 611.381 and 611.382. See also USEPA, OGWDW.

USEPA OGWDW Methods, Method 317.0, rev. 2.0, "Determination of Inorganic Oxyhalide Disinfection By-Products in Drinking Water Using Ion Chromatography with the Addition of a Postcolumn Reagent for Trace Bromate Analysis," July 2001, EPA 815/B-01/001, referenced in Sections 611.381 and 611.382. See also USEPA, OGWDW.

USEPA OGWDW Methods, Method 326.0, rev. 1.0, "Determination of Inorganic Oxyhalide Disinfection By-Products in Drinking Water Using Ion Chromatography Incorporating the Addition of a Suppressor Acidified Postcolumn Reagent for Trace Bromate Analysis," June 2002, EPA 815/R-03/007, referenced in Sections 611.381 and 611.382. See also NTIS and USEPA, OGWDW.

USEPA OGWDW Methods, Method 327.0, rev. 1.1, "Determination of Chlorine Dioxide and Chlorite Ion in Drinking Water Using Lissamine Green B and Horseradish Peroxidase with Detection by Visible Spectrophotometry," May 2005, EPA 815/R-05/008, referenced in Sections 611.381 and 611.531. See also USEPA, OGWDW.

USEPA OGWDW Methods, Method 334.0, "Determination of Residual in Drinking Water Using an On-line Chlorine Analyzer," August 2009, EPA 815/B-09/013, referenced in Section 611.531. See also USEPA, OGWDW.

USEPA OGWDW Methods, Method 523, ver. 1.0, "Determination of Triazine Pesticides and Other Degradates in Drinking Water by Gas Chromatography/Mass Spectrometry (GC/MS)," February 2011, EPA 815/R-11/002, referenced in Section 611.645. See also USEPA, OGWDW.

USEPA OGWDW Methods, Method 531.2, rev. 1.0, "Measurement of N-methylcarbamoyloximes and N-methylcarbamates in Water by Direct Aqueous Injection HPLC

with Postcolumn Derivatization," September 2001, EPA 815/B-01/002 (document file name "met531_2.pdf"), referenced in Section 611.645. See also USEPA, OGWDW.

USEPA OGWDW Methods, Method 552.3, rev. 1.0, "Determination of Haloacetic Acids and Dalapon in Drinking Water by Liquid-Liquid Microextraction, Derivatization, and Gas Chromatography with Electron Capture Detection," July 2003, EPA 815/B-03/002, referenced in Sections 611.381 and 611.645.

USEPA OGWDW Methods, Method 557, "Determination of Haloacetic Acids, Bromate, and Dalapon in Drinking Water by Ion Chromatography Electrospray Ionization Tandem Mass Spectrometry," July 2003, EPA 815/B-03/002, referenced in Sections 611.381, 611.382, and 611.645. See also USEPA, OGWDW.

USEPA OGWDW Methods, Method 1622 (01), "Cryptosporidium in Water by Filtration/IMS/FA," April 2001, EPA 821/R-01/026, referenced in Section 611.1007. See also USEPA, OGWDW.

USEPA Organic and Inorganic Methods, "Methods for the Determination of Organic and Inorganic Compounds in Drinking Water, Volume 1," August 2000, EPA 815/R-00/014, referenced in Section 611.381. (Methods 300.1 (rev. 1.0), 321.8 (rev. 1.0), and 515.3 (rev. 1.0) only.) See also NTIS.

USEPA Organic Methods, "Methods for the Determination of Organic Compounds in Drinking Water," December 1988, revised July 1991, EPA 600/4-88/039, referenced in Sections 611.645 and 611.648 (Methods 508A (rev. 1.0) and 515.1 (rev. 4.0) only); "Methods for the Determination of Organic Compounds in Drinking Water − Supplement I," July 1990, EPA 600/4-90/020, referenced in Section 611.645 and 611.648 (Methods 547, 550, and 550.1 only); "Methods for the Determination of Organic Compounds in Drinking Water − Supplement II," August 1992, EPA 600/R-92/129, referenced in Sections 611.381 and 611.645 (Methods 548.1 (rev. 1.0), 552.1 (rev. 1.0), and 555 (rev. 1.0) only); "Methods for the Determination of Organic Compounds in

Drinking Water − Supplement III," August 1995, EPA 600/R-95/131, referenced in Sections 611.381, 611.645, and 611.648 (Methods 502.2 (rev. 2.1), 504.1 (rev. 1.1), 505 (rev. 2.1), 506 (rev. 1.1), 507 (rev. 2.1), 508 (rev. 3.1), 508.1 (rev. 2.0), 515.2 (rev. 4.1), 524.2 (rev. 4.1), 525.2 (rev. 2.0), 531.1 (rev. 3.1), 551.1 (rev. 1.0), and 552.2 (rev. 1.0) only). See also NTIS and USEPA, EMSL.

USEPA Radioactivity Methods, "Prescribed Procedures for Measurement of Radioactivity in Drinking Water," August 1980, EPA 600/4-80/032, referenced in Section 611.720. (For methods 900.0, 901, 901.1, 902, 903, 903.1, 904, 905, 906, 908, 908.1 only.) See also NTIS.

USEPA Technical Notes, "Technical Notes on Drinking Water Methods," October 1994, EPA 600/R-94/173, referenced in Sections 611.531, 611.611, and 611.645. See also NTIS.

BOARD NOTE: USEPA made the following assertion with regard to this reference at 40 CFR 141.23(k)(1) and 141.24(e) and (n)(11) (2014)~~(2012)~~: "This document contains other analytical test procedures and approved analytical methods that remain available for compliance monitoring until July 1, 1996." Also available online at http://nepis.epa.gov/EPA/html/Pubs/pubtitleORD.htm under the document designation "600R94173."

USEPA, OGWDW. United States Environmental Protection Agency, Office of Ground Water and Drinking Water (accessible on-line and available by download from http://www.epa.gov/safewater/methods/).

USEPA OGWDW Methods, Method 302.0, "Determination of Bromate in Drinking Water Using Two-Dimensional Ion Chromatography with Suppressed Conductivity Detection," September 2009, EPA 815/B-09/014, referenced in Section 611.381. See also USEPA, NSCEP.

USEPA OGWDW Methods, Method 317.0, rev. 2.0, "Determination of Inorganic Oxyhalide Disinfection By-Products

in Drinking Water Using Ion Chromatography with the Addition of a Postcolumn Reagent for Trace Bromate Analysis," USEPA, July 2001, EPA 815/B-01/001, referenced in Section 611.381. See also USEPA, NSCEP.

USEPA OGWDW Methods, Method 326.0, rev. 1.0, "Determination of Inorganic Oxyhalide Disinfection By-Products in Drinking Water Using Ion Chromatography Incorporating the Addition of a Suppressor Acidified Postcolumn Reagent for Trace Bromate Analysis," USEPA, June 2002, EPA 815/R-03/007, referenced in Section 611.381. See also NTIS and USEPA, NSCEP.

USEPA OGWDW Methods, Method 327.0, rev. 1.1, "Determination of Chlorine Dioxide and Chlorite Ion in Drinking Water Using Lissamine Green B and Horseradish Peroxidase with Detection by Visible Spectrophotometry," USEPA, May 2005, EPA 815/R-05/008, referenced in Sections 611.381 and 611.531. See also USEPA, NSCEP.

USEPA OGWDW Methods, Method 334.0, "Determination of Residual in Drinking Water Using an On-line Chlorine Analyzer," USEPA, August 2009, EPA 815/B-09/013, referenced in Section 611.531. See also USEPA, NSCEP.

USEPA OGWDW Methods, Method 515.4, rev. 1.0, "Determination of Chlorinated Acids in Drinking Water by Liquid-Liquid Microextraction, Derivatization and Fast Gas Chromatography with Electron Capture Detection," April 2000, EPA 815/B-00/001 (document file name "met515_4.pdf"), referenced in Section 611.645.

USEPA OGWDW Methods, Method 523, ver. 1.0, "Determination of Triazine Pesticides and Other Degradates in Drinking Water by Gas Chromatography/Mass Spectrometry (GC/MS)," February 2011, EPA 815/R-11/002, referenced in Section 611.645. See also USEPA, NSCEP.

USEPA OGWDW Methods, Method 524.3, rev. 1.0, "Measurement of Purgeable Organic Compounds in Water by Capillary Column Gas Chromatography/Mass Spectrometry," June 2009, EPA 815/B-09/009, referenced in Sections 611.381 and 611.645.

USEPA OGWDW Methods, Method 524.4, "Measurement of Purgeable Organic Compounds in Water by Gas Chromatography/Mass Spectrometry Using Nitrogen Purge Gas," May 2013, EPA 815/R-13/002, referenced in Sections 611.381 and 611.645.

USEPA OGWDW Methods, Method 536, ver. 1.0, "Determination of Triazine Pesticides and Other Degradates in Drinking Water by Liquid Chromatography Electrospray Ionization Tandem Mass Spectrometry (LC/ESI-MS/MS)," October 2007, EPA 815/R-07/002, referenced in Section 611.645.

USEPA OGWDW Methods, Method 531.2, rev. 1.0, "Measurement of N-methylcarbamoyloximes and N-methylcarbamates in Water by Direct Aqueous Injection HPLC with Postcolumn Derivatization," September 2001, EPA 815/B-01/002 (document file name "met531_2.pdf"), referenced in Section 611.645. See also USEPA, NSCEP.

USEPA OGWDW Methods, Method 552.3, rev. 1.0, "Determination of Haloacetic Acids and Dalapon in Drinking Water by Liquid-liquid Microextraction, Derivatization, and Gas Chromatography with Electron Capture Detection," USEPA, July 2003, EPA 815/B-03/002, referenced in Sections 611.381 and 611.645.

USEPA OGWDW Methods, Method 557, "Determination of Haloacetic Acids, Bromate, and Dalapon in Drinking Water by Ion Chromatography Electrospray Ionization Tandem Mass Spectrometry," July 2003, EPA 815/B-03/002, referenced in Sections 611.381 and 611.645. See also USEPA, NSCEP.

USEPA OGWDW Methods, Method 1622 (05), "Method 1622: Cryptosporidium in Water by Filtration/IMS/FA," December 2005, EPA 815/R-05/001, referenced in Sections 611.1004 and 611.1007.

USEPA OGWDW Methods, Method 1622 (01), "Method 1622: Cryptosporidium in Water by Filtration/IMS/FA," April 2001, EPA 821/R-01/026, referenced in Section 611.1007. See also USEPA, NSCEP.

USEPA OGWDW Methods, Method 1622 (99), "Method 1622: Cryptosporidium in Water by Filtration/IMS/FA," April 1999, EPA 821/R-99/001, referenced in Section 611.1007.

USEPA OGWDW Methods, Method 1623 (05), "Method 1623: Cryptosporidium and Giardia in Water by Filtration/IMS/FA," December 2005, EPA 815/R-05/002, referenced in Sections 611.1004 and 611.1007.

USEPA OGWDW Methods, Method 1623 (01), "Method 1623: Cryptosporidium and Giardia in Water by Filtration/IMS/FA," April 2001, EPA 821/R-01/025, referenced in Section 611.1007.

USEPA OGWDW Methods, Method 1623 (99), "Method 1623: Cryptosporidium and Giardia in Water by Filtration/IMS/FA," January 1999, EPA 821/R-99/006, referenced in Section 611.1007.

USEPA OGWDW Methods, Method 1623.1, "Method 1623.1: Cryptosporidium and Giardia in Water by Filtration/IMS/FA," January 2012, EPA 816/R-12/001, referenced in Section 611.1004.

BOARD NOTE: Many of the above-listed documents available from the USEPA, Office of Ground Water and Drinking Water are also listed as available from NTIS.

USEPA, ORD. USEPA, Office of Research and Development, National Exposure Research Laboratory, Microbiological & Chemical Exposure Assessment Research Division (accessible on-line and available by download from http://www.epa.gov/nerlcwww/ordmeth.htm).

USEPA NERL Method 200.5, rev. 4.2, "Determination of Trace Elements in Drinking Water by Axially Viewed Inductively Coupled Plasma − Atomic Emission Spectrometry," October 2003, EPA 600/R-06/115, referenced in Sections 611.611 and 611.612.

USEPA NERL Method 415.3, rev. 1.1, "Determination of Total Organic Carbon and Specific UV Absorbance at 254 nm in Source Water and Drinking Water," February 2005, EPA 600/R-05/055, referenced in Section 611.381.

USEPA NERL Method 415.3, rev. 1.2, "Determination of Total Organic Carbon and Specific UV Absorbance at 254 nm in Source Water and Drinking Water," September 2009, EPA 600/R-09/122, referenced in Section 611.381.

USEPA NERL Method 525.3, ver. 1.0, "Determination of Total Semivolatile Organic Chemicals in Drinking Water by Solid Phase Extraction and Capillary Column Gas Chromatography/Mass Spectrometry (GC/MS)," February 2012, EPA 600/R-12/010, referenced in Section 611.645.

USEPA NERL Method 549.2, rev. 1.0, "Determination of Diquat and Paraquat in Drinking Water by Liquid-Solid Extraction and High Performance Liquid Chromatography with Ultraviolet Detection," June 1997, referenced in Section 611.645.

USEPA, Water Resource Center (RC-4100T), 1200 Pennsylvania Avenue, NW, Washington, DC 20460:

E*Colite Test, "Charm E*Colite Presence/Absence Test for Detection and Identification of Coliform Bacteria and Escherichia coli in Drinking Water," January 9, 1998, referenced in Sections 611.802 and 611.1052. See also Charm Sciences, Inc.

m-ColiBlue24 Test, "Total Coliforms and E. coli Membrane Filtration Method with m-ColiBlue24® Broth," Method No. 10029, rev. 2, August 17, 1999, referenced in Sections 611.802 and 611.1052. See also The Hach Company.

USEPA Method 1600, "~~EPA~~ Method 1600: Enterococci in Water by Membrane Filtration Using Membrane-Enterococcus Indoxyl-b-D-Glucoside Agar (mEI)," September 2002, EPA 821/R-02/022 is an approved variation of Standard Methods, Method 9230 C, "Fecal Streptococcus and Enterococcus Groups, Membrane Filter Techniques" (which has not itself been approved for use by USEPA) (accessible on-line and available by download from http://www.epa.gov/nerlcwww/1600sp02.pdf), referenced in Section 611.802.

USEPA Method 1601, "Method 1601: Male-specific (F^+) and Somatic Coliphage in Water by Two-step Enrichment Procedure," April 2001, EPA 821/R-01/030 (accessible on-line and available by download from http://www.epa.gov/nerlcwww/1601ap01.pdf), referenced in Section 611.802.

USEPA Method 1602, "Method 1602: Male-specific (F^+) and Somatic Coliphage in Water by Single Agar Layer (SAL) Procedure," April 2001, EPA 821/R-01/029 (accessible on-line and available by download from http://www.epa.gov/nerlcwww/1602ap01.pdf), referenced in Section 611.802.

USEPA Method 1604, "Method 1604: Total Coliforms and Escherichia coli in Water by Membrane Filtration Using a Simultaneous Detection Technique (MI Medium)," September 2002, EPA 821/R-02/024 (accessible on-line and available by download from http://www.epa.gov/nerlcwww/1604sp02.pdf), referenced in Sections 611.802 and 611.1052.

USGS. United States Geological Survey, Federal Center, Box 25286, Denver, CO 80225-0425.

Method available upon request by method number from "Methods for Analysis by the U.S. Geological Survey National Water Quality Laboratory − Determination of Inorganic and Organic Constituents in Water and Fluvial Sediments," Open File Report 93-125, 1993 (referred to as "USGS Methods").

I-2601-90, referenced in Section 611.611.

Methods available upon request by method number from Book 5, Chapter A-1, "Methods for Determination of Inorganic Substances in Water and Fluvial Sediments," 3rd ed., USGS Techniques of Water-Resource Investigation: 05-A1, 1989 (referred to as "USGS Methods").

I-1030-85, referenced in Section 611.611.

I-1601-85, referenced in Section 611.611.

I-1700-85, referenced in Section 611.611.

I-2598-85, referenced in Section 611.611.

I-2700-85, referenced in Section 611.611.

I-3300-85, referenced in Section 611.611.

Methods available upon request by method number from "Methods for Determination of Radioactive Substances in Water and Fluvial Sediments," Chapter A5 in Book 5 of "Techniques of Water-Resources Investigations of the United States Geological Survey," 1977.

R-1110-76, referenced in Section 611.720.

R-1111-76, referenced in Section 611.720.

R-1120-76, referenced in Section 611.720.

R-1140-76, referenced in Section 611.720.

R-1141-76, referenced in Section 611.720.

R-1142-76, referenced in Section 611.720.

R-1160-76, referenced in Section 611.720.

R-1171-76, referenced in Section 611.720.

R-1180-76, referenced in Section 611.720.

R-1181-76, referenced in Section 611.720.

R-1182-76, referenced in Section 611.720.

BOARD NOTE: USGS methods are freely available for download in an electronic format from the USGS Publications Warehouse, at pubs.er.usgs.gov/. Sections 611.611 and 611.720 do not distinguish the volume in which each USGS method appears. The distinction as to which volume where a particular method appears is made in this incorporation by reference.

Veolia Water Solutions and Technologies, Suite 4697, Biosciences Complex, 116 Barrie Street, Kingston, Ontario, Canada K7L 3N6.

"Tecta EC/TC P-A Test, "Presence/Absence Method for Simultaneous Detection of Total Coliforms and Escherichia coli (E. coli) in Drinking Water," April 2014, referenced in Section 611.526.

Waters Corporation, Technical Services Division, 34 Maple St., Milford, MA 01757 (800-252-4752 or 508-478-2000, www.waters.com).

"Waters Test Method for Determination of Nitrite/Nitrate in Water Using Single Column Ion Chromatography," Method B-1011, August 1987 (referred to as "Waters Method B-1011"), referenced in Section 611.611.

c) The Board incorporates the following federal regulations by reference:

40 CFR 3.2 (2014)~~(2013)~~ (How Does This Part Provide for Electronic Reporting?), referenced in Section 611.105.

40 CFR 3.3 (2014)~~(2013)~~ (What Definitions Are Applicable to This Part?), referenced in Section 611.105.

40 CFR 3.10 (2014)~~(2013)~~ (What Are the Requirements for Electronic Reporting to EPA?), referenced in Section 611.105.

40 CFR 3.2000 (2014)~~(2013)~~ (What Are the Requirements Authorized State, Tribe, and Local Programs' Reporting Systems Must Meet?), referenced in Section 611.105.

40 CFR 136.3(a) (2014)~~(2013)~~, referenced in Section 611.1004.

Appendix B to 40 CFR 136 (2014)~~(2012)~~, referenced in Sections 611.359, 611.609, and 611.646.

40 CFR 142.20(b)(1) (2014)~~(2013)~~, referenced in Section 611.112.

Subpart G of 40 CFR 142 (2014)~~(2013)~~, referenced in Section 611.113.

d) This Part incorporates no later amendments or editions.

(Source: Amended at 39 Ill. Reg. 3713, effective February 24, 2015)

Section 611.130 Special Requirements for Certain Variances and Adjusted Standards

a) Relief from the fluoride MCL.

1) In granting any variance or adjusted standard to a supplier that is a CWS from the maximum contaminant level for fluoride listed in Section 611.301(b), the Board will require application of the best available technology (BAT) identified at subsection (a)(4) of this Section for that constituent as a condition to the relief, unless the supplier has demonstrated through comprehensive engineering assessments that application of BAT is not technically appropriate and technically feasible for that supplier.

2) The Board will require the following as a condition for relief from the fluoride MCL where it does not require the application of BAT:

A) That the supplier continue to investigate the following methods as an alternative means of significantly reducing the level of fluoride, according to a definite schedule:

i) A modification of lime softening;

ii) Alum coagulation;

iii) Electrodialysis;

iv) Anion exchange resins;

v) Well field management;

vi) The use of alternative sources of raw water; and

vii) Regionalization; and

B) That the supplier report results of that investigation to the Agency.

3) The Agency must petition the Board to reconsider or modify a variance or adjusted standard, pursuant to Subpart I of 35 Ill. Adm. Code 101, if it determines that an alternative method identified by the supplier pursuant to subsection (a)(2) of this Section is technically feasible and would result in a significant reduction in fluoride.

4) Best available technology for fluoride reduction is as follows:

A) Activated alumina absorption centrally applied; and

B) Reverse osmosis centrally applied.

BOARD NOTE: Subsection (a) derived from 40 CFR 142.61 (2014)~~(2011)~~.

b) Relief from an IOC, VOC, or SOC MCL.

1) In granting to a supplier that is a CWS or NTNCWS any variance or adjusted standard from the maximum contaminant levels for any VOC or SOC, listed in Section 611.311(a) or (c), or for any IOC, listed in Section

611.301, the supplier must have first applied the best available technology (BAT) identified at Section 611.311(b) (VOCs and SOCs) or Section 611.301(c) (IOCs) for that constituent, unless the supplier has demonstrated through comprehensive engineering assessments that application of BAT would achieve only a minimal and insignificant reduction in the level of contaminant.

BOARD NOTE: USEPA lists BAT for each SOC and VOC at 40 CFR 142.62(a), for the purposes of variances and exemptions (adjusted standards). That list is identical to the list at 40 CFR 141.61(b).

2) The Board may require any of the following as a condition for relief from an MCL listed in Section 611.301 or 611.311:

A) That the supplier continue to investigate alternative means of compliance according to a definite schedule; and

B) That the supplier report results of that investigation to the Agency.

3) The Agency must petition the Board to reconsider or modify a variance or adjusted standard, pursuant to Subpart I of 35 Ill. Adm. Code 101, if it determines that an alternative method identified by the supplier pursuant to subsection (b)(2) of this Section is technically feasible.

BOARD NOTE: Subsection (b) derived from 40 CFR 142.62(a) through (e)(2014)~~(2011)~~.

c) Conditions requiring use of bottled water, a point-of-use treatment device, or a point-of-entry treatment device. In granting any variance or adjusted standard from the maximum contaminant levels for organic and inorganic chemicals or an adjusted standard from the treatment technique for lead and copper, the Board may impose certain conditions requiring the use of bottled water, a point-of-entry treatment device, or a point-of-use treatment device to avoid an unreasonable risk to health, limited as provided in subsections (d) and (e) of this Section.

1) Relief from an MCL. The Board may, when granting any variance or adjusted standard from the MCL requirements of Sections 611.301 and 611.311, impose a condition that requires a supplier to use bottled water, a point-of-entry treatment device, a point-of-use treatment device, or other

means to avoid an unreasonable risk to health.

2) Relief from corrosion control treatment. The Board may, when granting an adjusted standard from the corrosion control treatment requirements for lead and copper of Sections 611.351 and 611.352, impose a condition that requires a supplier to use bottled water, a point-of-use treatment device, or other means, but not a point-of-entry treatment device, to avoid an unreasonable risk to health.

3) Relief from source water treatment or service line replacement. The Board may, when granting an exemption from the source water treatment and lead service line replacement requirements for lead and copper under Sections 611.353 or 611.354, impose a condition that requires a supplier to use a point-of-entry treatment device to avoid an unreasonable risk to health.

BOARD NOTE: Subsection (c) derived from 40 CFR 142.62(f) (2014)~~(2011)~~.

d) Use of bottled water. Suppliers that propose to use or use bottled water as a condition for receiving a variance or an adjusted standard from the requirements of Section 611.301 or Section 611.311 or an adjusted standard from the requirements of Sections 611.351 through 611.354 must meet the requirements of either subsections (d)(1), (d)(2), (d)(3), and (d)(6) or (d)(4), (d)(5), and (d)(6) of this Section.

1) The supplier must develop a monitoring program for Board approval that provides reasonable assurances that the bottled water meets all MCLs of Sections 611.301 and 611.311 and submit a description of this program as part of its petition. The proposed program must describe how the supplier will comply with each requirement of this subsection (d).

2) The supplier must monitor representative samples of the bottled water for all contaminants regulated under Sections 611.301 and 611.311 during the first three-month period that it supplies the bottled water to the public, and annually thereafter.

3) The supplier must annually provide the results of the monitoring program to the Agency.

4) The supplier must receive a certification from the bottled water company as to each of the following:

A) that the bottled water supplied has been taken from an approved source of bottled water, as such is defined in Section 611.101;

B) that the approved source of bottled water has conducted monitoring in accordance with 21 CFR 129.80(g)(1) through (g)(3);

C) and that the bottled water does not exceed any MCLs or quality limits as set out in 21 CFR 165.110, 110, and 129.

5) The supplier must provide the certification required by subsection (d)(4) of this Section to the Agency during the first quarter after it begins supplying bottled water and annually thereafter.

6) The supplier must assure the provision of sufficient quantities of bottled water to every affected person supplied by the supplier via door-to-door bottled water delivery.

BOARD NOTE: Subsection (d) derived from 40 CFR 142.62(g) (2014)~~(2011)~~.

e) Use of a point-of-entry treatment device. Before the Board grants any PWS a variance or adjusted standard from any NPDWR that includes a condition requiring the use of a point-of-entry treatment device, the supplier must demonstrate to the Board each of the following:

1) That the supplier will operate and maintain the device;

2) That the device provides health protection equivalent to that provided by central treatment;

3) That the supplier will maintain the microbiological safety of the water at all times;

4) That the supplier has established standards for performance, conducted a rigorous engineering design review, and field tested the device;

5) That the operation and maintenance of the device will account for any potential for increased concentrations of heterotrophic bacteria resulting through the use of activated carbon, by backwashing, post-contactor disinfection, and heterotrophic plate count monitoring;

6) That buildings connected to the supplier's distribution system have sufficient devices properly installed, maintained, and monitored to assure that all consumers are protected; and

7) That the use of the device will not cause increased corrosion of lead and copper bearing materials located between the device and the tap that could increase contaminant levels at the tap.

BOARD NOTE: Subsection (e) derived from 40 CFR 142.62(h) (2014)~~(2011)~~.

f) Relief from the maximum contaminant levels for radionuclides.

1) Relief from the maximum contaminant levels for combined radium-226 and radium-228, uranium, gross alpha particle activity (excluding radon and uranium), and beta particle and photon radioactivity.

A) Section 611.330(g) sets forth what USEPA has identified as the best available technology (BAT), treatment techniques, or other means available for achieving compliance with the maximum contaminant levels for the radionuclides listed in Section 611.330(b), (c), (d), and (e), for the purposes of issuing relief equivalent to a federal section 1415 variance or a section 1416 exemption.

B) In addition to the technologies listed in Section 611.330(g), Section 611.330(h) sets forth what USEPA has identified as the BAT, treatment techniques, or other means available for achieving compliance with the maximum contaminant levels for the radionuclides listed in Section 611.330(b), (c), (d), and (e), for the purposes of issuing relief equivalent to a federal section 1415 variance or a section 1416 exemption to small drinking water systems, defined here as those serving 10,000 persons or fewer, as shown in the second table set forth at Section 611.330(h).

2) The Board will require a CWS supplier to install and use any treatment technology identified in Section 611.330(g), or in the case of small water systems (those serving 10,000 persons or fewer), listed in Section 611.330(h), as a condition for granting relief equivalent to a federal section 1415 variance or a section 1416 exemption, except as provided in subsection (f) (3) of this Section. If, after the system's installation of the treatment technology, the system cannot meet the MCL, that system will be eligible for relief.

3) If a CWS supplier can demonstrate through comprehensive engineering assessments, which may include pilot plant studies, that the treatment technologies identified in this Section would only achieve a de minimus reduction in the contaminant level, the Board may issue a schedule of compliance that requires the system being granted relief equivalent to a federal section 1415 variance or a section 1416 exemption to examine other treatment technologies as a condition of obtaining the relief.

4) If the Agency determines that a treatment technology identified under subsection (f)(3) of this Section is technically feasible, it may request that the Board require the supplier to install and use that treatment technology in connection with a compliance schedule issued pursuant to Section 36 of the Act [415 ILCS 5/36]. The Agency's determination must be based upon studies by the system and other relevant information.

5) The Board may require a CWS to use bottled water, point-of-use devices, point-of-entry devices, or other means as a condition of granting relief equivalent to a federal section 1415 variance or a section 1416 exemption from the requirements of Section 611.330, to avoid an unreasonable risk to health.

6) A CWS supplier that uses bottled water as a condition for receiving relief equivalent to a federal section 1415 variance or a section 1416 exemption from the requirements of Section 611.330 must meet the requirements specified in subsection (d)(6) of this Section and either subsections (d)(1) through (d)(3) or (d)(4) and (d)(5)~~through (d)(6)~~ of this Section.

7) A CWS supplier that uses point-of-use or point-of-entry devices as a condition for obtaining relief equivalent to a federal section 1415 variance or a section 1416 exemption from the radionuclides NPDWRs must meet

the conditions in subsections (e)(1) through (e)(6) of this Section.

BOARD NOTE: Subsection (f) derived from 40 CFR 142.65 (2014)~~(2011)~~.

(Source: Amended at 39 Ill. Reg. 3713, effective February 24, 2015)

SUBPART I: DISINFECTANT RESIDUALS, DISINFECTION BYPRODUCTS, AND DISINFECTION BYPRODUCT PRECURSORS

Section 611.381 Analytical Requirements

a) A supplier must use only the analytical methods specified in this Section, each of which is incorporated by reference in Section 611.102, or alternative methods approved by the Agency pursuant to Section 611.480 to demonstrate compliance with the requirements of this Subpart I and with the requirements of Subparts W and Y of this Part.

b) Disinfection byproducts (DBPs).

1) A supplier must measure disinfection byproducts (DBPs) by the appropriate of the following methods:

A) TTHM:

i) By purge and trap, gas chromatography, electrolytic conductivity detector, and photoionization detector: USEPA Organic Methods, Method 502.2 (rev. 2.1). If TTHMs are the only analytes being measured in the sample, then a photoionization detector is not required.

ii) By purge and trap, gas chromatography-~~,~~mass spectrometer: USEPA Organic Methods, Method 524.2 (rev. 4.1).

iii) By liquid-liquid extraction, gas chromatography, electron capture detector: USEPA Organic Methods, Method 551.1 (rev. 1.0).

iv) By purge and trap, gas chromatography-mass spectrometry: USEPA OGWDW Methods, Method 524.3 (rev. 1.0) and 524.4.

BOARD NOTE: USEPA added USEPA OGWDW Methods, Method 524.3 (rev. 1.0) as an approved alternative method for TTHM in appendix A to subpart C of 40 CFR 141 on August 3, 2009 (at 74 Fed. Reg. 38348). USEPA added USEPA OGWDW Methods, Method 524.4 as approved alternative methods for total trihalomethanes in appendix A to subpart C of 40 CFR 141 on May 31, 2013 (at 78 Fed. Reg. 32558).

B) HAA5:

i) By liquid-liquid extraction (diazomethane), gas chromatography, electron capture detector: Standard Methods, 19th, 20th, 21st, or 22nd ed., Method 6251 B.

ii) By solid phase extractor (acidic methanol), gas chromatography, electron capture detector: USEPA Organic Methods, Method 552.1 (rev. 1.0).

iii) By liquid-liquid extraction (acidic methanol), gas chromatography, electron capture detector: USEPA Organic Methods, Method 552.2 (rev. 1.0) or USEPA OGWDW Methods, Method 552.3 (rev. 1.0).

iv) By ion chromatography, electrospray ionization, tandem mass spectrometry: USEPA OGWDW Methods, Method 557.

BOARD NOTE: USEPA added Standard Methods, 21st ed., Method 6251 B as an approved alternative method for HAA5 in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added USEPA OGWDW Methods, Method 557 as approved alternative methods for HAA5 in appendix A to subpart C of 40 CFR 141 on November 10, 2009 (at 74 Fed. Reg. 57908). USEPA added Standard Methods, 22nd ed., Method 6251 B as an approved alternative methods for HAA5 in

appendix A to subpart C of 40 CFR 141 on May 31, 2013 (at 78 Fed. Reg. 32558). USEPA added Standard Methods Online, Method 6251 B-07 as an approved alternative method for HAA5 in appendix A to subpart C of 40 CFR 141 on June 19, 2014 (at 79 Fed. Reg. 35081). Because Standard Methods, 22nd ed., Method 6251 B is the same version as Standard Methods Online, Method 6251 B-07, the Board has not listed the Standard Methods Online versions separately.

C) Bromate:

i) By ion chromatography: USEPA Organic and Inorganic Methods, Method 300.1 (rev. 1.0).

ii) By ion chromatography and post-column reaction: USEPA OGWDW Methods, Method 317.0 (rev. 2.0) or 326.0 (rev. 1.0).

iii) By inductively coupled plasma-mass spectrometer: USEPA Organic and Inorganic Methods, Method 321.8 (rev. 1.0).

iv) By two-dimensional ion chromatography: USEPA OGWDW Methods, Method 302.0.

v) By ion chromatography, electrospray ionization, tandem mass spectrometry: USEPA OGWDW Methods, Method 557.

vi) By chemically suppressed chromatography: ASTM Method D6581-08 A.

vii) By electrolytically suppressed chromatography: ASTM Method D6581-08 B.

BOARD NOTE: Ion chromatography and post column reaction or inductively coupled plasma-mass spectrometry must be used for monitoring of bromate for purposes of demonstrating eligibility of reduced monitoring, as prescribed in Section 611.382(b)(3)(B).

For inductively coupled plasma-mass spectrometry, samples must be preserved at the time of sampling with 50 mg ethylenediamine (EDA) per liter of sample, and the samples must be analyzed within 28 days.

BOARD NOTE: USEPA added USEPA OGWDW Methods, Methods 302.0 and 557 and ASTM Methods D6581-08 A and B as approved alternative methods for bromate in appendix A to subpart C of 40 CFR 141 on November 10, 2009 (at 74 Fed. Reg. 57908).

D) Chlorite:

i) By amperometric titration for daily monitoring pursuant to Section 611.382(b)(2)(A)(i): Standard Methods, 19th, 21st, or 22nd ed., Method 4500-ClO_2 E.

ii) By amperometric sensor for daily monitoring pursuant to Section 611.382(b)(2)(A)(i): ChlordioX Plus Test.

iii~~ii~~) By spectrophotometry: USEPA OGWDW Methods, Method 327.0 (rev. 1.1).

iv~~iii~~) By ion chromatography: USEPA Environmental Inorganic Methods, Method 300.0 (rev. 2.1); USEPA Organic and Inorganic Methods, Method 300.1 (rev. 1.0); USEPA OGWDW Methods, Method 317.0 (rev. 2.0), or 326.0 (rev. 1.0); or ASTM Method D6581-00.

v~~iv~~) By chemically suppressed chromatography: ASTM Method D6581-08 A.

vi~~v~~) By electrolytically suppressed chromatography: ASTM Method D6581-08 B.

BOARD NOTE: USEPA added Standard Methods, 21st ed., Method 4500-ClO_2 E as an approved alternative method for daily chlorite in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added ASTM Methods D6581-08 A and B as approved alternative methods for chlorite in

appendix A to subpart C of 40 CFR 141 on November 10, 2009 (at 74 Fed. Reg. 57908). USEPA added Standard Methods, 22nd ed., Method 4500-ClO_2 E as an approved alternative method for chlorite in appendix A to subpart C of 40 CFR 141 on June 21, 2013 (at 78 Fed. Reg. 37463). USEPA added ChlordioX Plus Test as an approved alternative method for chlorite in appendix A to subpart C of 40 CFR 141 on June 19, 2014 (at 79 Fed. Reg. 35081).

BOARD NOTE: Amperometric titration or spectrophotometry may be used for routine daily monitoring of chlorite at the entrance to the distribution system, as prescribed in Section 611.382(b)(2)(A)(i). Ion chromatography must be used for routine monthly monitoring of chlorite and additional monitoring of chlorite in the distribution system, as prescribed in Section 611.382(b)(2)(A)(ii) and (b)(2)(B).

2) Analyses under this Section for DBPs must be conducted by a certified laboratory in one of the categories listed in Section 611.490(a) except as specified under subsection (b)(3) of this Section. To receive certification to conduct analyses for the DBP contaminants listed in Sections 611.312 and 611.381 and Subparts W and Y of this Part, the laboratory must fulfill the requirements of subsections (b)(2)(A), (b)(2)(C), and (b)(2)(D) of this Section.

A) The laboratory must analyze performance evaluation (PE) samples that are acceptable to USEPA or the Agency at least once during each consecutive 12-month period by each method for which the laboratory desires certification.

B) This subsection corresponds with 40 CFR 141.131(b)(2)(ii), which has expired by its own terms. This statement maintains structural consistency with the corresponding federal rule.

C) The laboratory must achieve quantitative results on the PE sample analyses that are within the acceptance limits set forth in subsections (b)(2)(C)(i) through (b)(2)(B)(xi) of this Section, subject to the conditions of subsections (b)(2)(C)(xii) and (b)(2)(C)(xiii) of this Section:

i) Chloroform (a THM): ± 20% of true value;

ii) Bromodichloromethane (a THM): ± 20% of true value;

iii) Dibromochloromethane (a THM): ± 20% of true value;

iv) Bromoform (a THM): ± 20% of true value;

v) Monochloroacetic Acid (an HAA5): ± 40% of true value;

vi) Dichloroacetic Acid (an HAA5): ± 40% of true value;

vii) Trichloroacetic Acid (an HAA5): ± 40% of true value;

viii) Monobromoacetic Acid (an HAA5): ± 40% of true value;

ix) Dibromoacetic Acid (an HAA5): ± 40% of true value;

x) Chlorite: ± 30% of true value; and

xi) Bromate: ± 30% of true value.

xii) The laboratory must meet all four of the individual THM acceptance limits set forth in subsections (b)(2)(B)(i) through (b)(2)(B)(iv) of this Section in order to successfully pass a PE sample for TTHM.

xiii) The laboratory must meet the acceptance limits for four out of the five HAA5 compounds set forth in subsections (b)(2)(B)(v) through (b)(2)(B)(ix) of this Section in order to successfully pass a PE sample for HAA5.

D) The laboratory must report quantitative data for concentrations at least as low as the minimum reporting levels (MRLs) listed in subsections (b)(2)(D)(i) through (b)(2)(D)(xi) of this Section, subject to the limitations of subsections (b)(2)(D)(xii) and (b)(2)(D)(xiii) of this Section, for all DBP samples analyzed for

compliance with Sections 611.312 and 611.385 and Subparts W and Y of this Part:

i) Chloroform (a THM): 0.0010 mg/ℓ;

ii) Bromodichloromethane (a THM): 0.0010 mg/ℓ;

iii) Dibromochloromethane (a THM): 0.0010 mg/ℓ;

iv) Bromoform (a THM): 0.0010 mg/ℓ;

v) Monochloroacetic Acid (an HAA5): 0.0020 mg/ℓ;

vi) Dichloroacetic Acid (an HAA5): 0.0010 mg/ℓ;

vii) Trichloroacetic Acid (an HAA5): 0.0010 mg/ℓ;

viii) Monobromoacetic Acid (an HAA5): 0.0010 mg/ℓ;

ix) Dibromoacetic Acid (an HAA5): 0.0010 mg/ℓ;

x) Chlorite: 0.020 mg/ℓ, applicable to monitoring as required by Section 611.382(b)(2)(A)(ii) and (b)(2)(B); and

xi) Bromate: 0.0050, or 0.0010 mg/ℓ if the laboratory uses USEPA OGWDW Methods, Method 317.0 or 326.0 or USEPA Organic and Inorganic Methods, Method 321.8.

xii) The calibration curve must encompass the regulatory MRL concentration. Data may be reported for concentrations lower than the regulatory MRL as long as the precision and accuracy criteria are met by analyzing an MRL check standard at the lowest reporting limit chosen by the laboratory. The laboratory must verify the accuracy of the calibration curve at the MRL concentration by analyzing an MRL check standard with a concentration less than or equal to 110% of the MRL with each batch of samples. The measured concentration for the MRL check standard must be ±50% of the expected value, if any field sample in

the batch has a concentration less than five times the regulatory MRL. Method requirements to analyze higher concentration check standards and meet tighter acceptance criteria for them must be met in addition to the MRL check standard requirement.

xiii) When adding the individual trihalomethane or haloacetic acid concentrations, for the compounds listed in subsections (b)(2)(D)(v) through (b)(2)(D)(ix) of this Section, to calculate the TTHM or HAA5 concentrations, respectively, a zero is used for any analytical result that is less than the MRL concentration for that DBP, unless otherwise specified by the Agency.

3) A party approved by USEPA or the Agency must measure daily chlorite samples at the entrance to the distribution system.

c) Disinfectant residuals.

1) A supplier must measure residual disinfectant concentrations for free chlorine, combined chlorine (chloramines), and chlorine dioxide by the appropriate of the methods listed in subsections (c)(1)(A) through (c)(1)(D) of this Section, subject to the provisions of subsection (c)(1)(E) of this Section:

A) Free Chlorine:

i) Amperometric titration: Standard Methods, 19th, 20th, 21st, or 22nd ed., Method 4500-Cl D, or ASTM Method D1253-86, D1253-96, D1253-03, or D1253-08;

ii) DPD ferrous titration: Standard Methods, 19th, 20th, 21st, or 22nd ed., Method 4500-Cl F;

iii) DPD colorimetric: Standard Methods, 19th, 20th, 21st, or 22nd ed., Method 4500-Cl G or Hach Method 10260;

iv) Syringaldazine (FACTS): Standard Methods, 19th, 20th, 21st, or 22nd ed., Method 4500-Cl H;

v) Test strips: ITS Method D99-003 if approved by the Agency pursuant to subsection (c)(2) of this Section;

vi) Amperometric sensor: Palintest ChloroSense; or

vii) On-line chlorine analyzer: USEPA OGWDW Methods, Method 334.0.

BOARD NOTE: USEPA added Standard Methods, 21st ed., Methods 4500-Cl D, F, G, and H as approved alternative methods for free chlorine in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added ASTM Method D1253-08, USEPA OGWDW Methods, Method 334.0, and Palintest ChloroSense as approved alternative methods for free chlorine in appendix A to subpart C of 40 CFR 141 on November 10, 2009 (at 74 Fed. Reg. 57908). USEPA added Standard Methods, 22nd ed., Methods 4500-Cl D, F, G, and H as approved alternative methods for free chlorine in appendix A to subpart C of 40 CFR 141 on June 21, 2013 (at 78 Fed. Reg. 37463). USEPA added Hach Method 10260 as an approved alternative method for free chlorine in appendix A to subpart C of 40 CFR 141 on June 19, 2014 (at 79 Fed. Reg. 35081).

B) Combined Chlorine:

i) Amperometric titration: Standard Methods, 19th, 20th, 21st, or 22nd ed., Method 4500-Cl D, or ASTM Method D1253-86, D1253-96, D1253-03, or D1253-08;

ii) DPD ferrous titration: Standard Methods, 19th, 20th, 21st, or 22nd ed., Method 4500-Cl F; or

iii) DPD colorimetric: Standard Methods, 19th, 20th, 21st, or 22nd ed., Method 4500-Cl G or Hach Method 10260.

BOARD NOTE: USEPA added Standard Methods, Methods 4500-Cl D, F, and G as approved alternative methods for free chlorine in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added ASTM Method

D1253-08 as an approved alternative method for combined chlorine in appendix A to subpart C of 40 CFR 141 on November 10, 2009 (at 74 Fed. Reg. 57908). USEPA added Standard Methods, 22nd ed., Methods 4500-Cl D, F, and G as approved alternative methods for combined chlorine in appendix A to subpart C of 40 CFR 141 on June 21, 2013 (at 78 Fed. Reg. 37463). USEPA added Hach Method 10260 as an approved alternative method for combined chlorine in appendix A to subpart C of 40 CFR 141 on June 19, 2014 (at 79 Fed. Reg. 35081).

C) Total Chlorine:

i) Amperometric titration: Standard Methods, 19th, 20th, 21st, or 22nd ed., Method 4500-Cl D, or ASTM Method D1253-86, D1253-96, D1253-03, or D1253-08;

ii) Low-level amperometric titration: Standard Methods, 19th, 20th, 21st, or 22nd ed., Method 4500-Cl E;

iii) DPD ferrous titration: Standard Methods, 19th, 20th, 21st, or 22nd ed., Method 4500-Cl F;

iv) DPD colorimetric: Standard Methods, 19th, 20th, 21st, or 22nd ed., Method 4500-Cl G or Hach Method 10260;

v) Iodometric electrode: Standard Methods, 19th, 20th, 21st, or 22nd ed., Method 4500-Cl I;

vi) Amperometric sensor: Palintest ChloroSense; or

vii) On-line chlorine analyzer: USEPA OGWDW Methods, Method 334.0.

BOARD NOTE: USEPA added Standard Methods, Methods 4500-Cl D, E, F, G, and I as approved alternative methods for free chlorine in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added ASTM Method D1253-08, USEPA OGWDW Methods, Method 334.0, and Palintest ChloroSense as approved alternative methods for total

chlorine in appendix A to subpart C of 40 CFR 141 on November 10, 2009 (at 74 Fed. Reg. 57908). USEPA added Standard Methods, 22nd ed., Methods 4500-Cl D, E, F, G, and I as approved alternative methods for total chlorine in appendix A to subpart C of 40 CFR 141 on June 21, 2013 (at 78 Fed. Reg. 37463). USEPA added Hach Method 10260 as an approved alternative method for total chlorine in appendix A to subpart C of 40 CFR 141 on June 19, 2014 (at 79 Fed. Reg. 35081).

D) Chlorine Dioxide:

i) DPD: Standard Methods, 19th, 20th, or 21st ed., Method 4500-ClO_2 D;

ii) Amperometric Method II: Standard Methods, 19th, 20th, 21st, or 22nd ed., Method 4500-ClO_2 E; ~~or~~

iii) Amperometric sensor: ChlordioX Plus Test; or

iv~~iii~~) Lissamine Green spectrophotometric: USEPA OGWDW Method 327.0 (rev. 1.1).

BOARD NOTE: USEPA added Standard Methods, 21st ed., Methods 4500-ClO_2 D and E as approved alternative methods for chlorine dioxide in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added Standard Methods, 22nd ed., Method 4500-ClO_2 E as an approved alternative method for chlorine dioxide in appendix A to subpart C of 40 CFR 141 on June 21, 2013 (at 78 Fed. Reg. 37463). USEPA added ChlordioX Plus Test as an approved alternative method for chlorine dioxide in appendix A to subpart C of 40 CFR 141 on June 19, 2014 (at 79 Fed. Reg. 35081).

E) The methods listed are approved for measuring the specified disinfectant residual. The supplier may measure free chlorine or total chlorine for demonstrating compliance with the chlorine MRDL and combined chlorine, or total chlorine may be measured for demonstrating compliance with the chloramine MRDL.

2) Alternative methods available only upon specific approval by the Agency.

A) Test strips: ITS Method D99-003.

BOARD NOTE: USEPA added ITS Method D99-003 as an approved alternative method for free chlorine in appendix A to subpart C of 40 CFR 141, added on June 3, 2008 (at 73 Fed. Reg. 31616), contingent upon specific state approval. The Board has opted to provide that the Agency can grant such approvals on a case-by-case basis using the SEP mechanism.

B) If approved by the Agency, by an SEP issued pursuant to Section 611.110, a supplier may also measure residual disinfectant concentrations for chlorine, chloramines, and chlorine dioxide by using DPD colorimetric test kits.

3) A party approved by USEPA or the Agency must measure residual disinfectant concentration.

d) A supplier required to analyze parameters not included in subsections (b) and (c) of this Section must use the methods listed below. A party approved by USEPA or the Agency must measure the following parameters:

1) Alkalinity. All methods allowed in Section 611.611(a)(21) for measuring alkalinity.

2) Bromide:

A) USEPA Inorganic Methods, Method 300.0 (rev. 2.1);

B) USEPA Organic and Inorganic Methods, Method 300.1 (rev. 1.0);

C) USEPA OGWDW Methods, Method 317.0 (rev. 2.0) or Method 326.0 (rev. 1.0); or

D) ASTM Method D6581-00.

3) Total Organic Carbon (TOC), by any of the methods listed in subsection (d)(3)(A)(i), (d)(3)(A)(ii), (d)(3)(A)(iii), or (d)(3)(B) of this Section, subject to the limitations of subsection (d)(3)(C) of this Section:

A) High-temperature combustion:

i) Standard Methods, 19th (Supplement), 20th, 21st, or 22nd ed., Method 5310 B; or

ii) USEPA NERL Method 415.3 (rev. 1.2).

B) Persulfate-ultraviolet or heated-persulfate oxidation:

i) Standard Methods, 19th (Supplement), 20th, 21st, or 22nd ed., Method 5310 C; or

ii) USEPA NERL Method 415.3 (rev. 1.2).

C) Wet oxidation method:

i) Standard Methods, 19th (Supplement), 20th, 21st, or 22nd ed., Method 5310 D; or

ii) USEPA NERL Method 415.3 (rev. 1.2).

D) Specific UV_{254} absorbance: USEPA NERL Method 415.3 (rev. 1.1) or 415.3 (rev. 1.2).

E) Inorganic carbon must be removed from the samples prior to analysis. TOC samples may not be filtered prior to analysis. TOC samples must be acidified at the time of sample collection to achieve pH less than or equal to 2 with minimal addition of the acid specified in the method or by the instrument manufacturer. Acidified TOC samples must be analyzed within 28 days.

BOARD NOTE: USEPA added Standard Methods, 21st ed., Methods 5310 B, C, and D as approved alternative methods for total organic carbon in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added USEPA NERL Method 415.3 (rev. 1.2) as an

approved alternative method for total organic carbon in appendix A to subpart C of 40 CFR 141 on November 10, 2009 (at 74 Fed. Reg. 57908). USEPA added Standard Methods, 22nd ed., Methods 5310 B, C, and D as approved alternative methods for total organic carbon in appendix A to subpart C of 40 CFR 141 on June 21, 2013 (at 78 Fed. Reg. 37463).

4) Specific Ultraviolet Absorbance (SUVA). SUVA is equal to the UV absorption at 254 nm (UV_{254}) (measured in m^{-1}) divided by the dissolved organic carbon (DOC) concentration (measured as mg/ℓ). In order to determine SUVA, it is necessary to separately measure UV_{254} and DOC. When determining SUVA, a supplier must use the methods stipulated in subsection (d)(4)(A) of this Section to measure DOC and the method stipulated in subsection (d)(4)(B) of this Section to measure UV_{254}. SUVA must be determined on water prior to the addition of disinfectants/oxidants by the supplier. DOC and UV_{254} samples used to determine a SUVA value must be taken at the same time and at the same location.

A) Dissolved Organic Carbon (DOC). Prior to analysis, DOC samples must be filtered through the 0.45 µm pore-diameter filter as soon as practical after sampling, not to exceed 48 hours. After filtration, DOC samples must be acidified to achieve pH less than or equal to 2 with minimal addition of the acid specified in the method or by the instrument manufacturer. Acidified DOC samples must be analyzed within 28 days after sample collection. Inorganic carbon must be removed from the samples prior to analysis. Water passed through the filter prior to filtration of the sample must serve as the filtered blank. This filtered blank must be analyzed using procedures identical to those used for analysis of the samples and must meet the following standards: DOC less than 0.5 mg/ℓ.

i) High-Temperature Combustion Method: Standard Methods, 19th (Supplement), 20th, 21st, or 22nd ed., Method 5310 B or USEPA NERL Methods 415.3 (rev. 1.1) or 415.3 (rev. 1.2).

ii) Persulfate-Ultraviolet or Heated-Persulfate Oxidation Method, Standard Methods, 19th (Supplement), 20th, 21st, or 22nd ed., Method 5310 C or USEPA NERL Methods 415.3 (rev. 1.1) or 415.3 (rev. 1.2).

iii) Wet-Oxidation Method: Standard Methods, 19th (Supplement), 20th, 21st, or 22nd ed., Method 5310 D or USEPA NERL Methods 415.3 (rev. 1.1) or 415.3 (rev. 1.2).

BOARD NOTE: USEPA added Standard Methods, Methods 5310 B, C, and D as approved alternative methods for dissolved organic carbon in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added USEPA NERL Method 415.3 (rev. 1.2) as an approved alternative method for dissolved organic carbon in appendix A to subpart C of 40 CFR 141 on November 10, 2009 (at 74 Fed. Reg. 57908). USEPA added Standard Methods, 22nd ed., Methods 5310 B, C, and D as approved alternative methods for dissolved organic carbon in appendix A to subpart C of 40 CFR 141 on June 21, 2013 (at 78 Fed. Reg. 37463).

B) Ultraviolet Absorption at 254 nm (UV_{254}) by spectrometry: Standard Methods, 19th, 20th, 21st, or 22nd ed., Method 5910 B or USEPA NERL Method 415.3 (rev. 1.1) or 415.3 (rev. 1.2). UV absorption must be measured at 253.7 nm (may be rounded off to 254 nm). Prior to analysis, UV_{254} samples must be filtered through a 0.45 μm pore-diameter filter. The pH of UV_{254} samples may not be adjusted. Samples must be analyzed as soon as practical after sampling, not to exceed 48 hours; and

BOARD NOTE: USEPA added Standard Methods, 21st ed., Method 5910 B as an approved alternative method for ultraviolet absorption at 254 nm in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added USEPA NERL Method 415.3 (rev. 1.2) as an approved alternative method for ultraviolet absorbance in appendix A to subpart C of 40 CFR 141 on November (at 74 Fed. Reg. 57908). USEPA added Standard Methods, 22nd ed., Method 5910 B as an approved alternative method for ultraviolet absorption at 254 nm in appendix A to subpart C of 40 CFR 141 on June 21, 2013 (at 78 Fed. Reg. 37463). USEPA added Standard Methods Online, Method 5910 B-11 as an approved alternative method for ultraviolet absorption at 254 nm in appendix A to subpart C of 40 CFR 141 on June 19,

2014 (at 79 Fed. Reg. 35081). Because Standard Methods, 22nd ed., Methods 5910 B is the same version as Standard Methods Online, Method 5910 B-11, the Board has not listed the Standard Methods Online versions separately.

5) pH. All methods allowed in Section 611.611(a)(17) for measuring pH.

6) Magnesium. All methods allowed in Section 611.611(a) for measuring magnesium.

BOARD NOTE: Derived from 40 CFR 141.131 and appendix A to 40 CFR 141 (2014~~2013~~).

(Source: Amended at 39 Ill. Reg. 3713, effective February 24, 2015)

SUBPART L: MICROBIOLOGICAL MONITORING AND ANALYTICAL REQUIREMENTS

Section 611.526 Analytical Methodology

a) The standard sample volume required for total coliform analysis, regardless of analytical method used, is 100 mℓ.

b) Suppliers need only determine the presence or absence of total coliforms; a determination of total coliform density is not required.

c) Suppliers must conduct total coliform analyses in accordance with one of the following analytical methods, incorporated by reference in Section 611.102, or in accordance with an alternative method approved by the Agency pursuant to Section 611.480 (the time from sample collection to initiation of analysis may not exceed 30 hours, and the supplier is encouraged but not required to hold samples below 10° C during transit):

1) Total Coliform Fermentation Technique, as set forth in Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Methods 9221 A and B, as follows:

A) Lactose broth, as commercially available, may be used in lieu of lauryl tryptose broth if the supplier conducts at least 25 parallel tests between this medium and lauryl tryptose broth using the water normally tested and this comparison demonstrates that the

false-positive rate and false-negative rate for total coliforms, using lactose broth, is less than 10 percent;

B) If inverted tubes are used to detect gas production, the media should cover these tubes at least one-half to two-thirds after the sample is added; and

C) No requirement exists to run the completed phase on 10 percent of all total coliform-positive confirmed tubes.

2) Total Coliform Membrane Filter Technique, as set forth in Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Methods 9222 A, B, and C.

3) Presence-Absence (P-A) Coliform Test, as set forth in: Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 9221 D, as follows:

A) No requirement exists to run the completed phase on 10 percent of all total coliform-positive confirmed tubes; and

B) Six-times formulation strength may be used if the medium is filter-sterilized rather than autoclaved.

4) ONPG-MUG test: Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 9223. (The ONPG-MUG test is also known as the ~~Autoanalysis~~ Colilert® Test ~~System~~.)

5) Colisure™ Test (~~Autoanalysis~~ Colilert® Test ~~System~~). (The Colisure™ Test may be read after an incubation time of 24 hours.)

BOARD NOTE: USEPA included the P-A Coliform and Colisure™ Tests for testing finished water under the coliform rule, but did not include them for the purposes of the surface water treatment rule, under Section 611.531, for which quantitation of total coliforms is necessary. For these reasons, USEPA included Standard Methods, Method 9221 C for the surface water treatment rule, but did not include it for the purposes of the total coliform rule, under this Section.

6) E*Colite® Test (Charm Sciences, Inc.).

7) m-ColiBlue24® Test (Hatch Company).

8) Readycult® 2000.

9) Chromocult® Method.

10) Colitag® Test.

11) Modified Colitag™ Method.

12) Tecta EC/TC P-A Test.

BOARD NOTE: USEPA added Standard Methods, 21st ed., Methods 9221 A, B, and D; 9222 A, B, and C; and 9223 as approved alternative methods in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added Modified Colitag™ Method as an approved alternative method in appendix A to subpart C of 40 CFR 141 on November 10, 2009 (at 74 Fed. Reg. 57908). USEPA added Standard Methods, 22nd ed., Methods 9221 A and B and 9223 B as approved alternative methods for total coliforms in appendix A to subpart C of 40 CFR 141 on May 31, 2013 (at 78 Fed. Reg. 32558). USEPA added Standard Methods Online, Methods 9221 A and B-06 and 9223 B-04 as approved alternative methods for total coliforms in appendix A to subpart C of 40 CFR 141 on June 19, 2014 (at 79 Fed. Reg. 35081). Because Standard Methods, 22nd ed., Methods 9221 A and B and 9223 B are the same version as Standard Methods Online, Methods 9221 A and B-06 and 9223 B-04, the Board has not listed the Standard Methods Online versions separately. USEPA added Tecta EC/TC P-A Test as an approved alternative method for total coliforms in appendix A to subpart C of 40 CFR 141 on June 19, 2014 (at 79 Fed. Reg. 35081).

d) This subsection corresponds with 40 CFR 141.21(f)(4), which USEPA has marked "reserved." This statement maintains structural consistency with the federal regulations.

e) Suppliers must conduct fecal coliform analysis in accordance with the following procedure:

1) When the MTF Technique or P-A Coliform Test is used to test for total coliforms, shake the lactose-positive presumptive tube or P-A vigorously and transfer the growth with a sterile 3-mm loop or sterile applicator stick

into brilliant green lactose bile broth and EC medium, defined below, to determine the presence of total and fecal coliforms, respectively.

2) For approved methods that use a membrane filter, transfer the total coliform-positive culture by one of the following methods: remove the membrane containing the total coliform colonies from the substrate with sterile forceps and carefully curl and insert the membrane into a tube of EC medium; (the laboratory may first remove a small portion of selected colonies for verification); swab the entire membrane filter surface with a sterile cotton swab and transfer the inoculum to EC medium (do not leave the cotton swab in the EC medium); or inoculate individual total coliform-positive colonies into EC medium. Gently shake the inoculated tubes of EC medium to insure adequate mixing and incubate in a waterbath at 44.5 ±0.2° C for 24 ±2 hours. Gas production of any amount in the inner fermentation tube of the EC medium indicates a positive fecal coliform test.

3) EC medium is described in Standard Methods, 18th ed., 19th ed., 20th, or 22nd ed., Method 9221E.

4) Suppliers need only determine the presence or absence of fecal coliforms; a determination of fecal coliform density is not required.

BOARD NOTE: USEPA added Standard Methods, 22nd ed., Method 9221 E as an approved alternative method for fecal coliforms in appendix A to subpart C of 40 CFR 141 on May 31, 2013 (at 78 Fed. Reg. 32558). USEPA added Standard Methods Online, Method 9221 E-06 as an approved alternative method for fecal coliforms in appendix A to subpart C of 40 CFR 141 on June 19, 2014 (at 79 Fed. Reg. 35081). Because Standard Methods, 22nd ed., Method 9221 E is the same version as Standard Methods Online, Method 9221 E-06, the Board has not listed the Standard Methods Online version separately.

f) Suppliers must conduct analysis of E. coli in accordance with one of the following analytical methods, incorporated by reference in Section 611.102:

1) EC medium supplemented with 50 µg/ℓ of MUG (final concentration). EC medium is as described in subsection (e) of this Section. MUG may be added to EC medium before autoclaving. EC medium supplemented with 50 µg/ℓ MUG is commercially available. At least 10 mℓ of EC

medium supplemented with MUG must be used. The inner inverted fermentation tube may be omitted. The procedure for transferring a total coliform-positive culture to EC medium supplemented with MUG is as in subsection (e) of this Section for transferring a total coliform-positive culture to EC medium. Observe fluorescence with an ultraviolet light (366 nm) in the dark after incubating tube at 44.5 ±2° C for 24 ±2 hours; or

2) Nutrient agar supplemented with 100 µg/ℓ MUG (final concentration), as described in Standard Methods, 19th~~ed.~~, 20th, or 22nd ed., Method 9222 G. This test is used to determine if a total coliform-positive sample, as determined by the MF technique, contains E. coli. Alternatively, Standard Methods, 18th ed., Method 9221 B may be used if the membrane filter containing a total coliform-positive colony or colonies is transferred to nutrient agar, as described in Method 9221 B (paragraph 3), supplemented with 100 µg/ℓ MUG . If Method 9221 B is used, incubate the agar plate at 35° Celsius for four hours, then observe the colony or colonies under ultraviolet light (366-nm) in the dark for fluorescence. If fluorescence is visible, E. coli are present.

3) Minimal Medium ONPG-MUG (MMO-MUG) Test, as set forth in Appendix D of this Part. (The ~~Autoanalysis~~ Colilert® Test ~~System~~ (Colisure™ Test) is a MMO-MUG test.) If the MMO-MUG test is total coliform positive after a 24-hour incubation, test the medium for fluorescence with a 366-nm ultraviolet light (preferably with a six-watt lamp) in the dark. If fluorescence is observed, the sample is E. coli-positive. If fluorescence is questionable (cannot be definitively read) after 24 hours incubation, incubate the culture for an additional four hours (but not to exceed 28 hours total), and again test the medium for fluorescence. The MMO-MUG test with hepes buffer is the only approved formulation for the detection of E. coli.

4) The Colisure™ Test (~~Autoanalysis~~ Colilert® Test ~~System~~).

5) The membrane filter method with MI agar.

6) The E*Colite® Test.

7) The m-ColiBlue24® Test.

8) Readycult® 2000.

9) Chromocult® Method.

10) Colitag® Test.

11) ONPG-MUG Test: Standard Methods, 20th, 21st, or 22nd ed., Method 9223 B.

12) Modified Colitag™ Method.

13) Tecta EC/TC P-A Test.

BOARD NOTE: USEPA added Standard Methods, 20th or 21st ed., Method 9223 B and Standard Methods Online, Method 9223 B-97 as approved alternative methods for E. coli in appendix A to subpart C of 40 CFR 141 on November 10, 2009 (at 74 Fed. Reg. 57908). Because Standard Methods, 21st ed., Method 9223 B is the same version as Standard Methods Online, Method 9223 B-97, the Board has not listed the Standard Methods Online version separately. USEPA added Standard Methods, 22nd ed., Method 9223 B as an approved alternative method for E. coli in appendix A to subpart C of 40 CFR 141 on May 31, 2013 (at 78 Fed. Reg. 32558). USEPA added Standard Methods Online, Method 9223 B-04 as an approved alternative method for E. coli in appendix A to subpart C of 40 CFR 141 on June 19, 2014 (at 79 Fed. Reg. 35081). Because Standard Methods, 22nd ed., Method 9223 B is the same version as Standard Methods Online, Method 9223 B-04, the Board has not listed the Standard Methods Online versions separately. USEPA added Tecta EC/TC P-A Test as an approved alternative method for total coliforms in appendix A to subpart C of 40 CFR 141 on June 19, 2014 (at 79 Fed. Reg. 35081).

g) As an option to the method set forth in subsection (f)(3) of this Section, a supplier with a total coliform-positive, MUG-negative MMO-MUG test may further analyze the culture for the presence of E. coli by transferring a 0.1 mℓ, 28-hour MMO-MUG culture to EC medium + MUG with a pipet. The formulation and incubation conditions of the EC medium + MUG, and observation of the results, are described in subsection (f)(1) of this Section.

h) This subsection corresponds with 40 CFR 141.21(f)(8), a central listing of all documents incorporated by reference into the federal microbiological analytical

methods. The corresponding Illinois incorporations by reference are located at Section 611.102. This statement maintains structural parity with USEPA regulations.

BOARD NOTE: Derived from 40 CFR 141.21(f) and appendix A to 40 CFR 141 (2014)~~(2013)~~.

(Source: Amended at 39 Ill. Reg. 3713, effective February 24, 2015)

Section 611.531 Analytical Requirements

The analytical methods specified in this Section, or alternative methods approved by the Agency pursuant to Section 611.480, must be used to demonstrate compliance with the requirements of only 611.Subpart B; they do not apply to analyses performed for the purposes of Sections 611.521 through 611.527 of this Subpart L. Measurements for pH, temperature, turbidity, and RDCs must be conducted under the supervision of a certified operator. Measurements for total coliforms, fecal coliforms and HPC must be conducted by a certified laboratory in one of the categories listed in Section 611.490(a). The following procedures must be performed by the following methods, incorporated by reference in Section 611.102:

a) A supplier must conduct analyses as follows:

1) The supplier must conduct analyses for pH in accordance with one of the methods listed at Section 611.611; and

2) The supplier must conduct analyses for total coliforms, fecal coliforms, heterotrophic bacteria, and turbidity in accordance with one of the following methods, and by using analytical test procedures contained in USEPA Technical Notes, incorporated by reference in Section 611.102, as follows:

A) Total Coliforms.

BOARD NOTE: The time from sample collection to initiation of analysis for source (raw) water samples required by Sections 611.521 and 611.532 and Subpart B of this Part only must not exceed eight hours. The supplier is encouraged but not required to hold samples below 10° C during transit.

i) Total coliform fermentation technique: Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 9221 A, B, and C.

BOARD NOTE: Lactose broth, as commercially available, may be used in lieu of lauryl tryptose broth if the supplier conducts at least 25 parallel tests between this medium and lauryl tryptose broth using the water normally tested and this comparison demonstrates that the false-positive rate and false-negative rate for total coliforms, using lactose broth, is less than 10 percent. If inverted tubes are used to detect gas production, the media should cover these tubes at least one-half to two-thirds after the sample is added. No requirement exists to run the completed phase on 10 percent of all total coliform-positive confirmed tubes.

ii) Total coliform membrane filter technique: Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 9222 A, B, and C.

iii) ONPG-MUG test (also known as the ~~Autoanalysis~~ Colilert® Test ~~System~~): Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 9223.

BOARD NOTE: USEPA included the P-A Coliform and Colisure™ Tests for testing finished water under the coliform rule, under Section 611.526, but did not include them for the purposes of the surface water treatment rule, under this Section, for which quantitation of total coliforms is necessary. For these reasons, USEPA included Standard Methods, Method 9221 C for the surface water treatment rule, but did not include it for the purposes of the total coliform rule, under Section 611.526.

BOARD NOTE: USEPA added Standard Methods, 21st ed., Methods 9221 A, B, and C; 9222 A, B, and C; and 9223 as approved alternative methods for total coliform in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added Standard Methods, 22nd ed., Methods 9221~~8221~~ A, B, and C and 9223 B as approved alternative methods for total

coliform in appendix A to subpart C of 40 CFR 141 on June 21, 2013 (at 78 Fed. Reg. 37463). USEPA added Standard Methods Online, Methods 9221 A, B, and C-06 and 9223 B-04 as approved alternative methods for total coliform in appendix A to subpart C of 40 CFR 141 on June 19, 2014 (at 79 Fed. Reg. 35081). Because Standard Methods, 22nd ed., Methods 9221 A, B, and C and 9223 B are the same versions as Standard Methods Online, Methods 9221 A, B, and C-06 and 9223 B-04, the Board has not listed the Standard Methods Online versions separately.

B) Fecal Coliforms.

BOARD NOTE: The time from sample collection to initiation of analysis for source (raw) water samples required by Sections 611.521 and 611.532 and Subpart B of this Part only must not exceed eight hours. The supplier is encouraged but not required to hold samples below 10° C during transit.

i) Fecal coliform procedure: Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 9221 E.

BOARD NOTE: A-1 broth may be held up to seven days in a tightly closed screwcap tube at 4° C (39° F).

ii) Fecal Coliform Membrane Filter Procedure: Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 9222 D.

BOARD NOTE: USEPA added Standard Methods, 21st ed., Methods 9221 E and 9222 D as approved alternative methods for fecal coliforms in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added Standard Methods, 22nd ed., Methods 9221 E and 9222 D as approved alternative methods for fecal coliforms in appendix A to subpart C of 40 CFR 141 on June 21, 2013 (at 78 Fed. Reg. 37463). USEPA added Standard Methods Online, Methods 9221 E-06 and 9222 D-06 as approved alternative methods for fecal coliforms in appendix A to subpart C of 40 CFR 141 on June 19, 2014 (at 79 Fed. Reg. 35081). Because Standard Methods, 22nd ed., Methods 9221 E and 9222 D are the same versions as Standard Methods Online,

Methods 9221 E-06 and 9222 D-06, the Board has not listed the Standard Methods Online versions separately.

C) Heterotrophic bacteria.

i) Pour plate method: Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 9215 B.

BOARD NOTE: The time from sample collection to initiation of analysis must not exceed eight hours. The supplier is encouraged but not required to hold samples below 10º C during transit.

ii) SimPlate method.

BOARD NOTE: USEPA added Standard Methods, 21st ed., Method 9215 B as an approved alternative method for heterotrophic bacteria in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added Standard Methods, 22nd ed., Method 9215 B as an approved alternative method for heterotrophic bacteria in appendix A to subpart C of 40 CFR 141 on June 21, 2013 (at 78 Fed. Reg. 37463). USEPA added Standard Methods Online, Method 9215 B-04 as an approved alternative method for heterotrophic bacteria in appendix A to subpart C of 40 CFR 141 on June 19, 2014 (at 79 Fed. Reg. 35081). Because Standard Methods, 22nd ed., Method 9215 B is the same version as Standard Methods Online, Method 9215 B-04, the Board has not listed the Standard Methods Online versions separately.

D) Turbidity.
BOARD NOTE: Styrene divinyl benzene beads (e.g., AMCO-AEPA-1 or equivalent) and stabilized formazin (e.g., Hach StablCal™ or equivalent) are acceptable substitutes for formazin.

i) Nephelometric method: Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 2130 B.

ii) Nephelometric method: USEPA Environmental Inorganic

Methods, Method 180.1 (rev.2.0).

iii) GLI Method 2.

iv) Hach FilterTrak Method 10133.

v) Laser nephelometry (on-line): Mitchell Method M5271.

vi) LED nephelometry (on-line): Mitchell Method M5331 ~~or AMI Turbiwell Method~~.

vii) LED nephelometry (on-line): AMI Turbiwell Method.

viii) LED nephelometry (portable): Orion Method AQ4500.

BOARD NOTE: USEPA added Standard Methods, 21st ed., Method 9130 B as an approved alternative method for turbidity in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added Mitchell Method M5271 and Orion Method AQ4500 as approved alternative methods for turbidity in appendix A to subpart C of 40 CFR 141 on August 3, 2009 (at 74 Fed. Reg. 38348). USEPA added AMI Turbiwell Method as an approved alternative method for turbidity in appendix A to subpart C of 40 CFR 141 on November 10, 2009 (at 74 Fed. Reg. 57908). USEPA added Standard Methods, 22nd ed., Method 2130 B as an approved alternative method for turbidity in appendix A to subpart C of 40 CFR 141 on June 21, 2013 (at 78 Fed. Reg. 37463).

E) Temperature: Standard Methods, 18th, 19th, 20th, or 21st ed., Method 2550.

b) A supplier must measure residual disinfectant concentrations with one of the following analytical methods:

1) Free chlorine.

A) Amperometric Titration.

i) Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 4500-Cl D.

ii) ASTM Method D1253-03 or D1253-08.

B) DPD Ferrous Titrimetric: Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 4500-Cl F.

C) DPD Colimetric: ~~Standard Methods, 18th, 19th, 20th, 21st or 22nd ed., Method 4500-Cl G.~~

i) Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 4500-Cl G; or

ii) Hach Method 10260.

D) Syringaldazine (FACTS): Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 4500-Cl H.

E) On-line chlorine analyzer: USEPA OGWDW Methods, Method 334.0.

F) Amperometric sensor: Palintest ChloroSense.

BOARD NOTE: USEPA added Standard Methods, 21st ed., Methods 4500-Cl D, F, G, and H; Method 4500-ClO_2 C and E as approved alternative methods for free chlorine in appendix A to subpart C of 40 CFR 141, added on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added ASTM Method D1253-08, USEPA OGWDW Methods, Method 334.0, and Palintest ChloroSense as approved alternative methods for free chlorine in appendix A to subpart C of 40 CFR 141 on November 10, 2009 (at 74 Fed. Reg. 57908). USEPA added Standard Methods, 22nd ed., Methods 4500-Cl B, F, G, and H as approved alternative methods for free chlorine in appendix A to subpart C of 40 CFR 141 on June 21, 2013 (at 78 Fed. Reg. 37463). USEPA added Hach Method 10260 as an approved alternative method for total chlorine in appendix A to subpart C of 40 CFR 141 on June 19, 2014 (at 79 Fed. Reg. 35081).

2) Total chlorine.

A) Amperometric Titration:.

i) Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 4500-Cl D.

ii) ASTM Method D1253-03 or D1253-08.

B) Amperometric Titration (low level measurement): Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 4500-Cl E.

C) DPD Ferrous Titrimetric: Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 4500-Cl F.

D) DPD Colimetric: ~~Standard Methods, 18th, 19th, 20th, 21st or 22nd ed., Method 4500-Cl G.~~

i) Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 4500-Cl G; or

ii) Hach Method 10260.

E) Iodometric Electrode: Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 4500-Cl I.

F) On-line chlorine analyzer: USEPA OGWDW Methods, Method 334.0.

G) Amperometric sensor: Palintest ChloroSense.

BOARD NOTE: USEPA added Standard Methods, 21st ed., Methods 4500-Cl D, E, F, G, and I as approved alternative methods for total chlorine in appendix A to subpart C of 40 CFR 141, added on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added ASTM Method D1253-08, USEPA OGWDW Methods, Method 334.0, and Palintest ChloroSense as approved alternative methods for total chlorine in appendix A to subpart C of 40 CFR 141 on November 10, 2009 (at 74 Fed. Reg. 57908). USEPA added Standard Methods, 22nd ed., Methods 4500-Cl D, E, F, G, and I as approved alternative methods for total chlorine in appendix A to subpart C

of 40 CFR 141 on June 21, 2013 (at 78 Fed. Reg. 37463). USEPA added Hach Method 10260 as an approved alternative method for total chlorine in appendix A to subpart C of 40 CFR 141 on June 19, 2014 (at 79 Fed. Reg. 35081).

3) Chlorine dioxide.

A) Amperometric Titration: ~~Standard Methods, 18th, 19th, 20th, 21st or 22nd ed., Method 4500-ClO_2 C or E.~~

i) Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 4500-ClO_2 C or E; or

ii) ChlordioX Plus Test.

B) DPD Method: Standard Methods, 18th, 19th, or 20th ed., Method 4500-ClO_2 D.

C) Spectrophotometric: USEPA OGWDW Methods, Method 327.0 (rev. 1.1).

BOARD NOTE: USEPA added Standard Methods, 21st ed., Method 4500-ClO_2 C, D, and E and Method 4500-O_3 B as approved alternative methods for chlorine dioxide in appendix A to subpart C of 40 CFR 141, added on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added Standard Methods, 22nd ed., Methods 4500-ClO_2 C and E as approved alternative methods for chlorine dioxide in appendix A to subpart C of 40 CFR 141 on May 31, 2013 (at 78 Fed. Reg. 32558). USEPA added Hach Method 10260 as an approved alternative method for free chlorine and total chlorine and ChlordioX Plus Test as an approved alternative method for chlorine dioxide in appendix A to subpart C of 40 CFR 141 on June 19, 2014 (at 79 Fed. Reg. 35081).

4) Ozone: Indigo Method: Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 4500-O_3 B.

BOARD NOTE: USEPA added Standard Methods, 21st ed., Method 4500-O_3 B as an approved alternative method for ozone in appendix A to subpart C of 40 CFR 141, added on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added Standard Methods, 22nd ed., Method 4500-O_3 B as an

approved alternative method for ozone in appendix A to subpart C of 40 CFR 141 on May 31, 2013 (at 78 Fed. Reg. 32558).

5) Alternative test methods: The Agency may grant a SEP pursuant to Section 611.110 that allows a supplier to use alternative chlorine test methods as follows:

A) DPD colorimetric test kits: Residual disinfectant concentrations for free chlorine and combined chlorine may also be measured by using DPD colorimetric test kits.

B) Continuous monitoring for free and total chlorine: Free and total chlorine residuals may be measured continuously by adapting a specified chlorine residual method for use with a continuous monitoring instrument, provided the chemistry, accuracy, and precision remain the same. Instruments used for continuous monitoring must be calibrated with a grab sample measurement at least every five days or as otherwise provided by the Agency.

BOARD NOTE: Suppliers may use a five-tube test or a 10-tube test.

BOARD NOTE: Derived from 40 CFR 141.74(a) and appendix A to subpart C of 40 CFR 141 (2014)~~(2009)~~.

(Source: Amended at 39 Ill. Reg. 3713, effective February 24, 2015)

Section 611.533 Filtered PWSs

A supplier that uses a surface water source or a groundwater source under the influence of surface water and provides filtration treatment must monitor in accordance with this Section.

a) Turbidity measurements as required by Section 611.250 must be performed on representative samples of the PWS's filtered water every four hours (or more frequently) that the supplier serves water to the public. A supplier may substitute continuous turbidity monitoring for grab sample monitoring if it validates the continuous measurement for accuracy on a regular basis using a protocol approved by a SEP issued pursuant to Section 611.110. For any suppliers using slow sand filtration or filtration treatment other than conventional treatment,

direct filtration, or diatomaceous earth filtration, the Agency shall, by special exception permit condition, reduce the sampling frequency to once per day if it determines that less frequent monitoring is sufficient to indicate effective filtration performance. For suppliers serving 500 or fewer persons, the Agency shall, by a SEP issued pursuant to Section 611.110, reduce the turbidity sampling frequency to once per day, regardless of the type of filtration treatment used, if the Agency determines that less frequent monitoring is sufficient to indicate effective filtration performance.

b) RDC entering distribution system.

1) Suppliers serving more than 3300 persons. The RDC of the water entering the distribution system must be monitored continuously, and the lowest value must be recorded each day, except that, if there is a failure in the continuous monitoring equipment, grab sampling every four hours may be conducted in lieu of continuous monitoring, but for no more than five working days following the failure of the equipment.

2) Suppliers serving 3,300 or fewer persons may take grab samples in lieu of providing continuous monitoring on an ongoing basis at the frequencies each day prescribed in Table C. If at any time the RDC falls below 0.2 mg/ℓ in a system using grab sampling in lieu of continuous monitoring, the supplier must take a grab sample every four hours until RDC is equal to or greater than 0.2 mg/ℓ.

c) Points of measurement.

1) Until March 31, 2016, the RDC must be measured at least at the same points in the distribution system and at the same time as total coliforms are sampled, as specified in Sections 611.521 through 611.527. Beginning April 1, 2016, the RDC must be measured at least at the same points in the distribution system and at the same time as total coliforms are sampled, as specified in Sections 611.1054 through 611.1058. The Agency must allow a supplier that uses both a surface water source, or a groundwater source under direct influence of surface water, and a groundwater source, to take RDC samples at points other than the total coliform sampling points if the Agency determines that such points are more representative of treated (disinfected) water quality within the distribution system. HPC, measured as specified in Section 611.531(a), may be measured in lieu of RDC.

2) Subsection (c)(1) of this Section does not apply if the Agency determines, pursuant to Section 611.213(c), that a system has no means for having a sample analyzed for HPC by a certified laboratory under the requisite time and temperature conditions specified by Section 611.531(a) and that the supplier is providing adequate disinfection in the distribution system.

BOARD NOTE: Derived from 40 CFR 141.74(c) (2014)~~(2013)~~.

(Source: Amended at 39 Ill. Reg. 3713, effective February 24, 2015)

SUBPART N: INORGANIC MONITORING AND ANALYTICAL REQUIREMENTS

Section 611.600 Applicability

The following types of suppliers must conduct monitoring to determine compliance with the old MCLs in Section 611.300 and the revised MCLs in 611.301, as appropriate, in accordance with this Subpart N:

a) CWS suppliers.

b) NTNCWS suppliers.

c) Transient non-CWS suppliers to determine compliance with the nitrate and nitrite MCLs.

d) Detection limits. The following are detection limits for purposes of this Subpart N (MCLs from Section 611.301 are set forth for information purposes only):

Contaminant	MCL (mg/ℓ, except asbestos)	Method	Detection Limit (mg/ℓ)
Antimony	0.006	Atomic absorption − furnace technique	0.003
		Atomic absorption − furnace technique (stabilized temperature)	0.0008[5]

		Inductively coupled plasma-mass spectrometry	0.0004
		Atomic absorption − gaseous hydride technique	0.001
Arsenic	0.010	Atomic absorption − furnace technique	0.001
		Atomic absorption − furnace technique (stabilized temperature)	0.00005[6]
		Atomic absorption − gaseous hydride technique	0.001
		Inductively coupled plasma-mass spectrometry	0.0014[7]
Asbestos	7 MFL[1]	Transmission electron microscopy	0.01 MFL
Barium	2	Atomic absorption − furnace technique	0.002
		Atomic absorption − direct aspiration technique	0.1
		Inductively coupled plasma arc furnace	0.002
		Inductively coupled plasma	0.001
Beryllium	0.004	Atomic absorption − furnace technique	0.0002
		Atomic absorption − furnace technique (stabilized temperature)	0.00002[5]

		Inductively coupled plasma[2]	0.0003
		Inductively coupled plasma-mass spectrometry	0.0003
Cadmium	0.005	Atomic absorption − furnace technique	0.0001
		Inductively coupled plasma	0.001
Chromium	0.1	Atomic absorption − furnace technique	0.001
		Inductively coupled plasma	0.007
		Inductively coupled plasma	0.001
Cyanide	0.2	Distillation, spectrophotometric[3]	0.02
		Automated distillation, spectrophotometric[3]	0.005
		Distillation, selective electrode[3]	0.05
		Distillation, amenable, spectrophotometric[4]	0.02
		UV, distillation, spectrophotometric[8]	0.0005
		Micro distillation, flow injection, spectrophotometric[3]	0.0006
		Ligand exchange with amperometry[4]	0.0005
Mercury	0.002	Manual cold vapor technique	0.0002

		Automated cold vapor technique	0.0002
Nickel	No MCL	Atomic absorption − furnace technique	0.001
		Atomic absorption − furnace technique (stabilized temperature)	0.0006[5]
		Inductively coupled plasma[2]	0.005
		Inductively coupled plasma-mass spectrometry	0.0005
Nitrate (as N)	10	Manual cadmium reduction	0.01
		Automated hydrazine reduction	0.01
		Automated cadmium reduction	0.05
		Ion-selective electrode	1
		Ion chromatography	0.01
		Capillary ion electrophoresis	0.076
Nitrite (as N)	1	Spectrophotometric	0.01
		Automated cadmium reduction	0.05
		Manual cadmium reduction	0.01
		Ion chromatography	0.004

		Capillary ion electrophoresis	0.103
Selenium	0.05	Atomic absorption − furnace technique	0.002
		Atomic absorption − gaseous hydride technique	0.002
Thallium	0.002	Atomic absorption − furnace technique	0.001
		Atomic absorption − furnace technique (stabilized temperature)	0.0007[5]
		Inductively coupled plasma-mass spectrometry	0.0003

Footnotes.

[1] "MFL" means millions of fibers per liter less than 10 µm.

[2] Using a 2x preconcentration step as noted in Method 200.7. Lower MDLs may be achieved when using a 4x preconcentration.

[3] Screening method for total cyanides.

[4] Measures "free" cyanides when distillation, digestion, or ligand exchange is omitted.

[5] Lower MDLs are reported using stabilized temperature graphite furnace atomic absorption.

[6] The MDL reported for USEPA Method 200.9 (atomic absorption-platform furnace (stabilized temperature)) was determined using a 2x concentration step during sample digestion. The MDL determined for samples analyzed using direct analyses (i.e., no sample digestion) will be higher. Using multiple depositions, USEPA Method 200.9 is capable of obtaining an MDL of 0.0001 mg/ℓ.

[7] Using selective ion monitoring, USEPA Method 200.8 (ICP-MS) is capable of obtaining an MDL of 0.0001 mg/ℓ.

[8] Measures total cyanides when UV-digestor is used, and "free" cyanides when UV-digestor is bypassed.

BOARD NOTE: Subsections (a) through (c) of this Section are derived from 40 CFR 141.23 preamble (2014)~~(2012)~~, and subsection (d) of this Section is derived from 40 CFR 141.23 (a)(4)(i) and appendix A to subpart C of 40 CFR 141 (2014)~~(2012)~~. See the Board Note at Section 611.301(b) relating to the MCL for nickel.

(Source: Amended at 39 Ill. Reg. 3713, effective February 24, 2015)

Section 611.611 Inorganic Analysis

Analytical methods are from documents incorporated by reference in Section 611.102. These are mostly referenced by a short name defined by Section 611.102(a). Other abbreviations are defined in Section 611.101.

a) Analysis for the following contaminants must be conducted using the following methods or an alternative method approved pursuant to Section 611.480. Criteria for analyzing arsenic, chromium, copper, lead, nickel, selenium, sodium, and thallium with digestion or directly without digestion, and other analytical procedures, are contained in USEPA Technical Notes, incorporated by reference in Section 611.102.

BOARD NOTE: Because MDLs reported in USEPA Environmental Metals Methods 200.7 and 200.9 were determined using a 2× preconcentration step during sample digestion, MDLs determined when samples are analyzed by direct analysis (i.e., no sample digestion) will be higher. For direct analysis of cadmium and arsenic by USEPA Environmental Metals Method 200.7, and arsenic by Standard Methods, Method 3120 B, sample preconcentration using pneumatic nebulization may be required to achieve lower detection limits. Preconcentration may also be required for direct analysis of antimony, lead, and thallium by USEPA Environmental Metals Method 200.9; antimony and lead by Standard Methods, 18th, 19th, or 21st ed., Method 3113 B; and lead by ASTM Method D3559-96 D or D3559-03 D unless multiple in-furnace depositions are made.

1) Alkalinity.

A) Titrimetric.

i) ASTM Method D1067-92 B, D1067-02 B, D1067-06 B, or D1067-11 B; or

ii) Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 2320 B.~~; or~~

~~iii) Standard Methods Online, Method 3113 B-04.~~

B) Electrometric titration: USGS Methods, Method I-1030-85.

BOARD NOTE: USEPA added Standard Methods, 21st ed., Method 2320 B as an approved alternative method for alkalinity in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616). ~~USEPA added ASTM Method D1067-06 B and Standard Methods Online, Method 3113 B-04 as approved alternative methods for alkalinity in appendix A to subpart C of 40 CFR 141 on June 24, 2011 (at 76 Fed. Reg. 37014).~~ USEPA added Standard Methods, 22nd ed., Method 2320 B and ASTM Method D1067-11 B as approved alternative methods for alkalinity in appendix A to subpart C of 40 CFR 141 on May 31, 2013 (at 78 Fed. Reg. 32558).

2) Antimony.

A) Inductively coupled plasma-mass spectrometry: USEPA Environmental Metals Methods, Method 200.8 (rev. 5.3).

B) Atomic absorption, hydride technique: ASTM Method D3697-92, D3697-02, or D3697-07.

C) Atomic absorption, platform furnace technique: USEPA Environmental Metals Methods, Method 200.9 (rev. 2.2).

D) Atomic absorption, furnace technique:

i) Standard Methods, 18th, 19th, 21st, or 22nd ed., Method 3113 B; or

ii) Standard Methods Online, Method 3113 B-04.

E) Axially viewed inductively coupled plasma-atomic emission spectrometry (AVICP-AES): USEPA NERL Method 200.5.

BOARD NOTE: USEPA added Standard Methods, 21st ed., Method 3113B and USEPA NERL Method 200.5 as approved alternative methods for antimony in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added ASTM Method D3697-07 as an approved alternative method for antimony in appendix A to subpart C of 40 CFR 141 on November 10, 2009 (at 74 Fed. Reg. 57908. USEPA added Standard Methods Online, Method 3113 B-04 as an approved alternative method for antimony in appendix A to subpart C of 40 CFR 141 on June 24, 2011 (at 76 Fed. Reg. 37014). USEPA added Standard Methods, 22nd ed., Method 3113 B as an approved alternative method for antimony in appendix A to subpart C of 40 CFR 141 on May 31, 2013 (at 78 Fed. Reg. 32558). USEPA added Standard Methods Online, Method 3113 B-10 as an approved alternative method for antimony in appendix A to subpart C of 40 CFR 141 on June 19, 2014 (at 79 Fed. Reg. 35081). Because Standard Methods, 22nd ed., Method 3113 B is the same version as Standard Methods Online, Method 3113 B-10, the Board has not listed the Standard Methods Online versions separately.

3) Arsenic.

BOARD NOTE: If ultrasonic nebulization is used in the determination of arsenic by Method 200.8, the arsenic must be in the pentavalent state to provide uniform signal response. For direct analysis of arsenic with Method 200.8 using ultrasonic nebulization, samples and standards must contain one mg/ℓ of sodium hypochlorite.

A) Inductively coupled plasma-mass spectrometry: USEPA Environmental Metals Methods, Method 200.8 (rev. 5.3).

B) Atomic absorption, platform furnace technique: USEPA Environmental Metals Methods, Method 200.9 (rev. 2.2).

C) Atomic absorption, furnace technique.

i) ASTM Method D2972-97 C, D2972-03 C, or D2972-08 C;

ii) Standard Methods, 18th, 19th, 21st, or 22nd ed., Method 3113 B; or

iii) Standard Methods Online, Method 3113 B-04.

D) Atomic absorption, hydride technique.

i) ASTM Method D2972-97 B, D2972-03 C, or D2972-08 B;

ii) Standard Methods, 18th, 19th, 21st, or 22nd ed., Method 3114 B; or

iii) Standard Methods Online, Method 3114 B-04.

E) Axially viewed inductively coupled plasma-atomic emission spectrometry (AVICP-AES): USEPA NERL Method 200.5.

BOARD NOTE: USEPA added Standard Methods, 21st ed., Methods 3113 B and 3114 B and USEPA NERL Method 200.5 as approved alternative methods for arsenic in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added ASTM Methods D2972-08 B and C as approved alternative methods for arsenic in appendix A to subpart C of 40 CFR 141 on November 10, 2009 (at 74 Fed. Reg. 57908). USEPA added Standard Methods Online, Method 3113 B-04 and Method 3114 B-09 as approved alternative methods for arsenic in appendix A to subpart C of 40 CFR 141 on June 24, 2011 (at 76 Fed. Reg. 37014). USEPA added Standard Methods, 22nd ed., Methods 3113 B and 3114 B as approved alternative methods for arsenic in appendix A to subpart C of 40 CFR 141 on May 31, 2013 (at 78 Fed. Reg. 32558). Because Standard Methods, 22nd ed., Method 3114 B is the same version as Standard Methods Online 3114 B-09, the Board has not listed the Standard Methods Online version separately. USEPA added Standard Methods Online, Method 3113 B-10 as an approved alternative method for arsenic in appendix A to subpart C of 40 CFR 141 on June 19, 2014 (at 79 Fed. Reg. 35081). Because Standard Methods, 22nd ed., Method 3113 B is the same version as Standard Methods Online, Method 3113 B-10, the Board has not listed the Standard Methods Online versions separately.

4) Asbestos: Transmission electron microscopy: USEPA Asbestos Method 100.1 or USEPA Asbestos Method 100.2.

5) Barium.

A) Inductively coupled plasma.

i) USEPA Environmental Metals Methods, Method 200.7 (rev. 4.4); or

ii) Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 3120 B.

B) Inductively coupled plasma-mass spectrometry: USEPA Environmental Metals Methods, Method 200.8 (rev. 5.3).

C) Atomic absorption, direct aspiration technique: Standard Methods, 18th, 19th, 21st, or 22nd ed., Method 3111 D.

D) Atomic absorption, furnace technique:

i) Standard Methods, 18th, 19th, 21st, or 22nd ed., Method 3113 B; or

ii) Standard Methods Online, Method 3113 B-04.

E) Axially viewed inductively coupled plasma-atomic emission spectrometry (AVICP-AES): USEPA NERL Method 200.5.

BOARD NOTE: USEPA added Standard Methods, 21st ed., Methods 3111 D, 3113 B, and 3120 B and USEPA NERL Method 200.5 as approved alternative methods for barium in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added Standard Methods Online, Method 3113 B-04 as an approved alternative method for barium in appendix A to subpart C of 40 CFR 141 on June 24, 2011 (at 76 Fed. Reg. 37014). USEPA added Standard Methods, 22nd ed., Methods 3111 D, 3113 B, and 3120 B as approved alternative methods for barium in appendix A to subpart C of 40 CFR 141 on May 31, 2013 (at 78 Fed. Reg. 32558). USEPA added Standard Methods Online, Method 3113 B-10 as an approved alternative method for barium in appendix A to subpart C of 40 CFR 141 on June 19, 2014 (at 79 Fed. Reg. 35081). Because Standard Methods, 22nd ed., Method 3113 B is the same version as Standard Methods Online, Method 3113 B-10, the Board has not listed the Standard Methods Online versions separately.

6) Beryllium.

A) Inductively coupled plasma.

i) USEPA Environmental Metals Methods, Method 200.7 (rev. 4.4); or

ii) Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 3120 B.

B) Inductively coupled plasma-mass spectrometry: USEPA Environmental Metals Methods, Method 200.8 (rev. 5.3).

C) Atomic absorption, platform furnace technique: USEPA Environmental Metals Methods, Method 200.9 (rev. 2.2).

D) Atomic absorption, furnace technique.

i) ASTM Method D3645-97 B, D3645-03 B, or D3645-08 B;

ii) Standard Methods, 18th, 19th, 21st, or 22nd ed., Method 3113 B; or

iii) Standard Methods Online, Method 3113 B-04.

E) Axially viewed inductively coupled plasma-atomic emission spectrometry (AVICP-AES): USEPA NERL Method 200.5.

BOARD NOTE: USEPA added Standard Methods, 21st ed., Methods 3113 B and 3120 B and USEPA NERL Method 200.5 as approved alternative methods for beryllium in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added ASTM Method D3645-08 B as an approved alternative method for beryllium in appendix A to subpart C of 40 CFR 141 on November 10, 2009 (at 74 Fed. Reg. 57908). USEPA added Standard Methods Online, Method 3113 B-04 as an approved alternative method for beryllium in appendix A to subpart C of 40 CFR 141 on June 24, 2011 (at 76 Fed. Reg. 37014). USEPA added Standard Methods, 22nd ed., Methods 3113 B and 3120 B

as approved alternative methods for beryllium in appendix A to subpart C of 40 CFR 141 on May 31, 2013 (at 78 Fed. Reg. 32558). USEPA added Standard Methods Online, Method 3113 B-10 as an approved alternative method for beryllium in appendix A to subpart C of 40 CFR 141 on June 19, 2014 (at 79 Fed. Reg. 35081). Because Standard Methods, 22nd ed., Method 3113 B is the same version as Standard Methods Online, Method 3113 B-10, the Board has not listed the Standard Methods Online versions separately.

7) Cadmium.

A) Inductively coupled plasma arc furnace: USEPA Environmental Metals Methods, Method 200.7 (rev. 4.4).

B) Inductively coupled plasma-mass spectrometry: USEPA Environmental Metals Methods, Method 200.8 (rev. 5.3).

C) Atomic absorption, platform furnace technique: USEPA Environmental Metals Methods, Method 200.9 (rev. 2.2).

D) Atomic absorption, furnace technique:

i) Standard Methods, 18th, 19th, 21st, or 22nd ed., Method 3113 B; or

ii) Standard Methods Online, Method 3113 B-04.

E) Axially viewed inductively coupled plasma-atomic emission spectrometry (AVICP-AES): USEPA NERL Method 200.5.

BOARD NOTE: USEPA added Standard Methods, 21st ed., Method 3113 B and USEPA NERL Method 200.5 as approved alternative methods for cadmium in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added Standard Methods Online, Method 3113 B-04 as an approved alternative method for cadmium in appendix A to subpart C of 40 CFR 141 on June 24, 2011 (at 76 Fed. Reg. 37014). USEPA added Standard Methods, 22nd ed., Method 3113 B as an approved alternative method for cadmium in appendix A to subpart C of 40 CFR 141 on May 31, 2013 (at 78 Fed. Reg. 32558). USEPA added Standard

Methods Online, Method 3113 B-10 as an approved alternative method for cadmium in appendix A to subpart C of 40 CFR 141 on June 19, 2014 (at 79 Fed. Reg. 35081). Because Standard Methods, 22nd ed., Method 3113 B is the same version as Standard Methods Online, Method 3113 B-10, the Board has not listed the Standard Methods Online versions separately.

8) Calcium.

A) EDTA titrimetric.

i) ASTM Method D511-93 A, D511-03 A, or D511-09 A; or

ii) Standard Methods, 18th or 19th ed., Method 3500-Ca D or Standard Methods, 20th, 21st, or 22nd ed., Method 3500-Ca B.

B) Atomic absorption, direct aspiration.

i) ASTM Method D511-93 B, D511-03 B, or D511-09 B; or

ii) Standard Methods, 18th, 19th, 21st, or 22nd ed., Method 3111 B.

C) Inductively coupled plasma.

i) USEPA Environmental Metals Methods, Method 200.7 (rev. 4.4); or

ii) Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 3120 B.

D) Ion chromatography: ASTM Method D6919-03 or D6919-09.

E) Axially viewed inductively coupled plasma-atomic emission spectrometry (AVICP-AES): USEPA NERL Method 200.5.

BOARD NOTE: USEPA added Standard Methods, 21st ed., Methods 3111 B, 3120 B, and 3500-Ca B and USEPA NERL Method 200.5 as approved alternative methods for calcium in appendix A to subpart C of

40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added ASTM Methods D511-09 A and B as approved alternative methods for calcium in appendix A to subpart C of 40 CFR 141 on November 10, 2009 (at 74 Fed. Reg. 57908). USEPA added ASTM Method D6919-09 as an approved alternative method for calcium in appendix A to subpart C of 40 CFR 141 on June 24, 2011 (at 76 Fed. Reg. 37014). USEPA added Standard Methods, 22nd ed., Methods 3111 B, 3120 B, and 3500-Ca B as approved alternative methods for calcium in appendix A to subpart C of 40 CFR 141 on May 31, 2013 (at 78 Fed. Reg. 32558).

9) Chromium.

A) Inductively coupled plasma.

i) USEPA Environmental Metals Methods, Method 200.7 (rev. 4.4); or

ii) Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 3120 B.

B) Inductively coupled plasma-mass spectrometry: USEPA Environmental Metals Methods, Method 200.8 (rev. 5.3).

C) Atomic absorption, platform furnace technique: USEPA Environmental Metals Methods, Method 200.9 (rev. 2.2).

D) Atomic absorption, furnace technique:

i) Standard Methods, 18th, 19th, 21st, or 22nd ed., Method 3113 B; or

ii) Standard Methods Online, Method 3113 B-04.

E) Axially viewed inductively coupled plasma-atomic emission spectrometry (AVICP-AES): USEPA NERL Method 200.5.

BOARD NOTE: USEPA added Standard Methods, 21st ed., Methods 3113 B and 3120 B and USEPA NERL Method 200.5 as approved alternative methods for chromium in appendix A to subpart C of 40 CFR

141 on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added Standard Methods Online, Method 3113 B-04 as an approved alternative method for chromium in appendix A to subpart C of 40 CFR 141 on June 24, 2011 (at 76 Fed. Reg. 37014). USEPA added Standard Methods, 22nd ed., Methods 3113 B and 3120 B as approved alternative methods for chromium in appendix A to subpart C of 40 CFR 141 on May 31, 2013 (at 78 Fed. Reg. 32558). USEPA added Standard Methods Online, Method 3113 B-10 as an approved alternative method for chromium in appendix A to subpart C of 40 CFR 141 on June 19, 2014 (at 79 Fed. Reg. 35081). Because Standard Methods, 22nd ed., Method 3113 B is the same version as Standard Methods Online, Method 3113 B-10, the Board has not listed the Standard Methods Online versions separately.

10) Copper.

A) Atomic absorption, furnace technique.

i) ASTM Method D1688-95 C, D1688-02 C, or D1688-07 C;

ii) Standard Methods, 18th, 19th, 21st, or 22nd ed., Method 3113 B; or

iii) Standard Methods Online, Method 3113 B-04.

B) Atomic absorption, direct aspiration.

i) ASTM Method D1688-95 A, D1688-02 A, or D1688-07 A; or

ii) Standard Methods, 18th, 19th, 21st, or 22nd ed., Method 3111 B.

C) Inductively coupled plasma.

i) USEPA Environmental Metals Methods, Method 200.7 (rev. 4.4); or

ii) Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 3120 B.

D) Inductively coupled plasma-mass spectrometry: USEPA Environmental Metals Methods, Method 200.8 (rev. 5.3).

E) Atomic absorption, platform furnace technique: USEPA Environmental Metals Methods, Method 200.9 (rev. 2.2).

F) Axially viewed inductively coupled plasma-atomic emission spectrometry (AVICP-AES): USEPA NERL Method 200.5.

BOARD NOTE: USEPA added Standard Methods, 21st ed., Methods 3111 B, 3113 B, and 3120 B and USEPA NERL Method 200.5 as an approved alternative method for copper in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added ASTM Methods D1688-07 A and C as approved alternative methods for copper in appendix A to subpart C of 40 CFR 141 on November 10, 2009 (at 74 Fed. Reg. 57908). USEPA added Standard Methods Online, Method 3113 B-04 as an approved alternative method for copper in appendix A to subpart C of 40 CFR 141 on June 24, 2011 (at 76 Fed. Reg. 37014). USEPA added Standard Methods, 22nd ed., Methods 3111 B, 3113 B, and 3120 B as approved alternative methods for copper in appendix A to subpart C of 40 CFR 141 on May 31, 2013 (at 78 Fed. Reg. 32558). USEPA added Standard Methods Online, Method 3113 B-10 as an approved alternative method for copper in appendix A to subpart C of 40 CFR 141 on June 19, 2014 (at 79 Fed. Reg. 35081). Because Standard Methods, 22nd ed., Method 3113 B is the same version as Standard Methods Online, Method 3113 B-10, the Board has not listed the Standard Methods Online versions separately.

11) Conductivity; Conductance.

A) ASTM Method D1125-95(1999) A; or

B) Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 2510 B.

BOARD NOTE: USEPA added Standard Methods, 21st ed., Method 2510 B as an approved alternative method for conductivity in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616).

USEPA added Standard Methods, 22nd ed., Method 2510 B as an approved alternative method for conductivity in appendix A to subpart C of 40 CFR 141 on May 31, 2013 (at 78 Fed. Reg. 32558).

12) Cyanide.

A) Manual distillation (ASTM Method D2036-98 A or Standard Methods, 18th, 19th, or 20th ed., Method 4500-CN^- C), followed by spectrophotometric, amenable.

i) ASTM Method D2036-98 B or D2036-06 B; or

ii) Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 4500-CN^- G.

B) Manual distillation (ASTM Method D2036-98 A or Standard Methods, 18th, 19th, or 20th ed., Method 4500-CN^- C), followed by spectrophotometric, manual.

i) ASTM Method D2036-98 A or D2036-06 A;

ii) Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 4500-CN^- E; or

iii) USGS Methods, Method I-3300-85.

C) Spectrophotometric, semiautomated: USEPA Environmental Inorganic Methods, Method 335.4 (rev. 1.0).

D) Selective electrode: Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 4500-CN^- F.

E) UV/Distillation/Spectrophotometric: Kelada 01.

F) Microdistillation/Flow Injection/Spectrophotometric: QuikChem 10-204-00-1-X.

G) Ligand exchange and amperometry.

i) ASTM Method D6888-04.

ii) OI Analytical Method OIA-1677 DW.

H) Gas chromatography-mass spectrometry headspace: Method ME355.01.

BOARD NOTE: USEPA added ASTM Method D2036-06 A and Standard Methods, 21st ed., Methods 4500-CN^-E, F, and G as approved alternative methods for cyanide in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added Method ME355.01 as an approved alternative method for cyanide in appendix A to subpart C of 40 CFR 141 on August 3, 2009 (at 74 Fed. Reg. 38348). USEPA added Standard Methods, 22nd ed., Methods 4500-CN^- E, F, and G as approved alternative methods for cyanide in appendix A to subpart C of 40 CFR 141 on May 31, 2013 (at 78 Fed. Reg. 32558).

13) Fluoride.

A) Ion Chromatography.

i) USEPA Environmental Inorganic Methods, Method 300.0 (rev. 2.1) or USEPA Organic and Inorganic Methods, Method 300.1 (rev. 1.0);

ii) ASTM Method D4327-97, ~~or~~ D4327-03, or D4327-11;

iii) Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 4110 B; or

iv) Hach SPADNS 2 Method 10225.

B) Manual distillation, colorimetric SPADNS: Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 4500-F^- B and D.

C) Manual electrode.

i) ASTM Method D1179-93 B, D1179-99 B, D1179-04 B, or D1179-10B; or

ii) Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 4500-F^- C.

D) Automated electrode: Technicon Methods, Method 380-75WE.

E) Automated alizarin.

i) Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 4500-F^- E; or

ii) Technicon Methods, Method 129-71W.

F) Capillary ion electrophoresis: ASTM Method D6508-00(2005).

BOARD NOTE: On March 12, 2007 (at 72 Fed. Reg. 11200), USEPA amended the entry for fluoride to add capillary ion electrophoresis in the table at corresponding 40 CFR 141.23(k)(1) to allow the use of "Waters Method D6508, Rev. 2." The Board attempt to locate a copy of the method disclosed that it is an ASTM method originally approved in 2000 and reapproved in 2005. The Board has cited to the ASTM Method D6508-00 (2005).

BOARD NOTE: USEPA added Standard Methods, 21st ed., Methods 4110 B and 4500-F^- B, C, D, and E and ASTM Method D1179-04 B as approved alternative methods for fluoride in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added Hach SPADNS 2 Method 10225 as an approved alternative method for fluoride in appendix A to subpart C of 40 CFR 141 on June 24, 2011 (at 76 Fed. Reg. 37014). USEPA added ASTM Method D1179-10 B as an approved alternative method for fluoride in appendix A to subpart C of 40 CFR 141 on June 28, 2012 (at 77 Fed. Reg. 38523). USEPA added Standard Methods, 22nd ed., Methods 4110 B and 4500-F^- B, C, D, and E as approved alternative methods for fluoride in appendix A to subpart C of 40 CFR 141 on May 31, 2013 (at 78 Fed. Reg. 32558). USEPA added ASTM Method D4327-11 as an approved alternative method for fluoride in appendix A to subpart C of 40 CFR 141 on June 19, 2014 (at 79 Fed. Reg. 35081).

14) Lead.

A) Atomic absorption, furnace technique.

i) ASTM Method D3559-96 D, D3559-03 D, or D3559-08 D;

ii) Standard Methods, 18th, 19th, 21st, or 22nd ed., Method 3113 B; or

iii) Standard Methods Online, Method 3113 B-04.

B) Inductively coupled plasma-mass spectrometry: USEPA Environmental Metals Methods, Method 200.8 (rev. 5.3).

C) Atomic absorption, platform furnace technique: USEPA Environmental Metals Methods, Method 200.9 (rev. 2.2).

D) Differential Pulse Anodic Stripping Voltammetry: Palintest Method 1001.

E) Axially viewed inductively coupled plasma-atomic emission spectrometry (AVICP-AES): USEPA NERL Method 200.5.

BOARD NOTE: USEPA added Standard Methods, 21st ed., Method 3113 B and USEPA NERL Method 200.5 as approved alternative methods for lead in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added ASTM Method D3559-08 D as an approved alternative method for lead in appendix A to subpart C of 40 CFR 141 on November 10, 2009 (at 74 Fed. Reg. 57908). USEPA added Standard Methods Online, Method 3113 B-04 as an approved alternative method for lead in appendix A to subpart C of 40 CFR 141 on June 24, 2011 (at 76 Fed. Reg. 37014). USEPA added Standard Methods, 22nd ed., Method 3113 B as an approved alternative method for lead in appendix A to subpart C of 40 CFR 141 on May 31, 2013 (at 78 Fed. Reg. 32558). USEPA added Standard Methods Online, Method 3113 B-10 as an approved alternative method for lead in appendix A to subpart C of 40 CFR 141 on June 19, 2014 (at 79 Fed. Reg. 35081). Because Standard Methods, 22nd ed., Method 3113 B is the same version as Standard

Methods Online, Method 3113 B-10, the Board has not listed the Standard Methods Online versions separately.

15) Magnesium.

A) Atomic absorption.

i) ASTM Method D511-93 B, D511-03 B, or D511-09 B; or

ii) Standard Methods, 18th, 19th, 21st, or 22nd ed., Method 3111 B.

B) Inductively coupled plasma.

i) USEPA Environmental Metals Methods, Method 200.7 (rev. 4.4); or

ii) Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 3120 B.

C) Complexation titrimetric.

i) ASTM Method D511-93 A, D511-03 A, or D511-09 A; or

ii) Standard Methods, 18th or 19th ed., Method 3500-Mg E or Standard Methods, 20th, 21st, or 22nd ed., Method 3500-Mg B.

D) Ion chromatography: ASTM Method D6919-03 or D6919-09.

E) Axially viewed inductively coupled plasma-atomic emission spectrometry (AVICP-AES): USEPA NERL Method 200.5.

BOARD NOTE: USEPA added Standard Methods, 21st ed., Methods 3111 B, 3120 B, and 3500-Mg B and USEPA NERL Method 200.5 as approved alternative methods for magnesium in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added ASTM Methods D511-09 A and B as approved alternative methods for magnesium in appendix A to subpart C of 40 CFR 141 on November 10,

2009 (at 74 Fed. Reg. 57908). USEPA added ASTM Method D6919-09 as an approved alternative method for magnesium in appendix A to subpart C of 40 CFR 141 on June 24, 2011 (at 76 Fed. Reg. 37014). USEPA added Standard Methods, 22nd ed., Methods 3111 B, 3120 B, and 3500-Mg B as approved alternative methods for magnesium in appendix A to subpart C of 40 CFR 141 on May 31, 2013 (at 78 Fed. Reg. 32558).

16) Mercury.

A) Manual cold vapor technique.

i) USEPA Environmental Metals Methods, Method 245.1 (rev. 3.0);

ii) ASTM Method D3223-97, ~~or~~ D3223-02, or D3223-12; or

iii) Standard Methods, 18th, 19th, 21st, or 22nd ed., Method 3112 B.

B) Automated cold vapor technique: USEPA Inorganic Methods, Method 245.2.

C) Inductively coupled plasma-mass spectrometry: USEPA Environmental Metals Methods, Method 200.8 (rev. 5.3).

BOARD NOTE: USEPA added Standard Methods, 21st ed., Method 3112 B as an approved alternative method for mercury in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added Standard Methods Online, Method 3112 B-09 as an approved alternative method for mercury in appendix A to subpart C of 40 CFR 141 on June 28, 2012 (at 77 Fed. Reg. 38523). USEPA added Standard Methods, 22nd ed., Method 3112 B as an approved alternative method for mercury in appendix A to subpart C of 40 CFR 141 on May 31, 2013 (at 78 Fed. Reg. 32558). Because Standard Methods, 22nd ed., Method 3112 B is the same version as Standard Methods Online 3112 B-09, the Board has not listed the Standard Methods Online version separately. USEPA added ASTM D3223 B-12 as an approved alternative method for mercury in appendix A to subpart C of 40 CFR 141 on June 19, 2014 (at 79 Fed. Reg. 35081).

17) Nickel.

A) Inductively coupled plasma.

i) USEPA Environmental Metals Methods, Method 200.7 (rev. 4.4); or

ii) Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 3120 B.

B) Inductively coupled plasma-mass spectrometry: USEPA Environmental Metals Methods, Method 200.8 (rev. 5.3).

C) Atomic absorption, platform furnace technique: USEPA Environmental Metals Methods, Method 200.9 (rev. 2.2).

D) Atomic absorption, direct aspiration technique: Standard Methods, 18th, 19th, 21st, or 22nd ed., Method 3111 B.

E) Atomic absorption, furnace technique:

i) Standard Methods, 18th, 19th, 21st, or 22nd ed., Method 3113 B; or

ii) Standard Methods Online, Method 3113 B-04.

F) Axially viewed inductively coupled plasma-atomic emission spectrometry (AVICP-AES): USEPA NERL Method 200.5.

BOARD NOTE: USEPA added Standard Methods, 21st ed., Methods 3111 B, 3113 B, and 3120 B and USEPA NERL Method 200.5 as approved alternative methods for nickel in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added Standard Methods Online, Method 3113 B-04 as an approved alternative method for nickel in appendix A to subpart C of 40 CFR 141 on June 24, 2011 (at 76 Fed. Reg. 37014). USEPA added Standard Methods, 22nd ed., Methods 3111 B, 3113 B, and 3120 B as approved alternative methods for nickel in appendix A to subpart C of 40 CFR 141 on May 31, 2013 (at 78 Fed. Reg. 32558). USEPA added Standard Methods Online, Method 3113

B-10 as an approved alternative method for nickel in appendix A to subpart C of 40 CFR 141 on June 19, 2014 (at 79 Fed. Reg. 35081). Because Standard Methods, 22nd ed., Method 3113 B is the same version as Standard Methods Online, Method 3113 B-10, the Board has not listed the Standard Methods Online versions separately.

18) Nitrate.

A) Ion chromatography.

i) USEPA Environmental Inorganic Methods, Method 300.0 (rev. 2.1) or USEPA Organic and Inorganic Methods, Method 300.1 (rev. 1.0);

ii) ASTM Method D4327-97, ~~or~~ D4327-03, or D4327-11;

iii) Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 4110 B; or

iv) Waters Test Method B-1011, available from Millipore Corporation.

B) Automated cadmium reduction.

i) USEPA Environmental Inorganic Methods, Method 353.2 (rev. 2.0);

ii) ASTM Method D3867-90 A; or

iii) Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 4500-NO_3^- F.

C) Ion selective electrode.

i) Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 4500-NO_3^- D; or

ii) Technical Bulletin 601.

D) Manual cadmium reduction.

i) ASTM Method D3867-90 B; or

ii) Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 4500-NO_3^- E.

E) Capillary ion electrophoresis: ASTM Method D6508-00(2005).

F) Reduction-colorimetric: Systea Easy (1-Reagent).

G) Direct colorimetric: Hach TNTplus 835/836 Method 10206.

BOARD NOTE: USEPA added Standard Methods, 21st ed., Methods 4110 B and 4500-NO_3^- D, E, and F as approved alternative methods for nitrate in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added Systea Easy (1-Reagent) as an approved alternative method for nitrate in appendix A to subpart C of 40 CFR 141 on August 3, 2009 (at 73 Fed. Reg. 38348). USEPA added Hach TNTplus 835/836 Method 10206 as an approved alternative method for nitrate in appendix A to subpart C of 40 CFR 141 on June 24, 2011 (at 76 Fed. Reg. 37014). USEPA added Standard Methods, 22nd ed., Methods 4110 B and 4500-NO_3^- D, E, and F as approved alternative methods for nitrate in appendix A to subpart C of 40 CFR 141 on May 31, 2013 (at 78 Fed. Reg. 32558). USEPA added ASTM D4327-11 as an approved alternative method for nitrate in appendix A to subpart C of 40 CFR 141 on June 19, 2014 (at 79 Fed. Reg. 35081).

19) Nitrite.

A) Ion chromatography.

i) USEPA Environmental Inorganic Methods, Method 300.0 (rev. 2.1) or USEPA Organic and Inorganic Methods, Method 300.1 (rev. 1.0);

ii) ASTM Method D4327-97, ~~or~~ D4327-03, or D4327-11;

iii) Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 4110 B; or

iv) Waters Test Method B-1011, available from Millipore Corporation.

B) Automated cadmium reduction.

i) USEPA Environmental Inorganic Methods, Method 353.2 (rev. 2.0);

ii) ASTM Method D3867-90 A; or

iii) Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 4500-NO_3^- F.

C) Manual cadmium reduction.

i) ASTM Method D3867-90 B; or

ii) Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 4500-NO_3^- E.

D) Spectrophotometric: Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 4500-NO_2^- B.

E) Capillary ion electrophoresis: ASTM Method D6508-00(2005).

F) Reduction-colorimetric: Systea Easy (1-Reagent).

BOARD NOTE: USEPA added Standard Methods, 21st ed., Methods 4110 B, 4500-NO_3^- E and F; and 4500-NO_2^- B as approved alternative methods for nitrite in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added Systea Easy (1-Reagent) as an approved alternative method for nitrite in appendix A to subpart C of 40 CFR 141 on August 3, 2009 (at 73 Fed. Reg. 38348). USEPA added Standard Methods, 22nd ed., Methods 4110 B, 4500-NO_3^- E and F, and 4500-NO_2^- B as approved alternative methods for nitrite in appendix A to subpart C of 40 CFR 141 on May 31, 2013 (at 78 Fed. Reg. 32558).

USEPA added ASTM D4327-11 as an approved alternative method for nitrite in appendix A to subpart C of 40 CFR 141 on June 19, 2014 (at 79 Fed. Reg. 35081).

20) Orthophosphate (unfiltered, without digestion or hydrolysis).

A) Automated colorimetric, ascorbic acid.

i) USEPA Environmental Inorganic Methods, Method 365.1 (rev. 2.0); or

ii) Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 4500-P F.

B) Single reagent colorimetric, ascorbic acid.

i) ASTM Method D515-88 A; or

ii) Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 4500-P E.

C) Colorimetric, phosphomolybdate: USGS Methods, Method I-1601-85.

D) Colorimetric, phosphomolybdate, automated-segmented flow: USGS Methods, Method I-2601-90.

E) Colorimetric, phosphomolybdate, automated discrete: USGS Methods, Method I-2598-85.

F) Ion Chromatography.

i) USEPA Environmental Inorganic Methods, Method 300.0 (rev. 2.1) or USEPA Organic and Inorganic Methods, Method 300.1 (rev. 1.0);

ii) ASTM Method D4327-97, ~~or~~ D4327-03, or D4327-11; or

iii) Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 4110 B.

G) Capillary ion electrophoresis: ASTM Method D6508-00(2005).

BOARD NOTE: USEPA added Standard Methods, 21st ed., Methods 4110 B and 4500-P E and F as approved alternative methods for orthophosphate in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616). Because Standard Methods, 21st ed., Methods 4500-P E and F are the same versions as Standard Methods Online 4500-P E-99 and F-99, the Board has not listed the Standard Methods Online versions separately. USEPA added Standard Methods, 22nd ed., Methods 4500-P E and F and 4110 B as approved alternative methods for orthophosphate in appendix A to subpart C of 40 CFR 141 on May 31, 2013 (at 78 Fed. Reg. 32558). USEPA added ASTM D4327-11 as an approved alternative method for orthophosphate in appendix A to subpart C of 40 CFR 141 on June 19, 2014 (at 79 Fed. Reg. 35081).

21) pH: electrometric.

A) USEPA Inorganic Methods, Method 150.1 or Method 150.2;

B) ASTM Method D1293-95, D1293-99, or D1293-12; or

C) Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 4500-H^+ B.

BOARD NOTE: USEPA added Standard Methods, 21st ed., Method 4500-H^+ B as an approved alternative method for pH in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added Standard Methods, 22nd ed., Method 4500-H^+ B and ASTM Method D1293-12 as approved alternative methods for pH in appendix A to subpart C of 40 CFR 141 on May 31, 2013 (at 78 Fed. Reg. 32558).

22) Selenium.

A) Atomic absorption, hydride.

i) ASTM Method D3859-98 A, D3859-03 A, or D3859-08 A; or

ii) Standard Methods, 18th, 19th, 21st, or 22nd ed., Method 3114 B.

B) Inductively coupled plasma-mass spectrometry: USEPA Environmental Metals Methods, Method 200.8 (rev. 5.3).

C) Atomic absorption, platform furnace technique: USEPA Environmental Metals Methods, Method 200.9 (rev. 2.2).

D) Atomic absorption, furnace technique.

i) ASTM Method D3859-98 B, D3859-03 B, or D3859-08 B;

ii) Standard Methods, 18th, 19th, 21st, or 22nd ed., Method 3113 B; or

iii) Standard Methods Online, Method 3113 B-04.

E) Axially viewed inductively coupled plasma-atomic emission spectrometry (AVICP-AES): USEPA NERL Method 200.5.

BOARD NOTE: USEPA added Standard Methods, 21st ed., Methods 3113 B and 3114 B and USEPA NERL Method 200.5 as approved alternative methods for selenium in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added ASTM Methods D3859-08 A and B as approved alternative methods for selenium in appendix A to subpart C of 40 CFR 141 on November 10, 2009 (at 74 Fed. Reg. 57908). USEPA added Standard Methods Online, Method 3113 B-04 and Method 3114 B-09 as approved alternative methods for selenium in appendix A to subpart C of 40 CFR 141 on June 24, 2011 (at 76 Fed. Reg. 37014). USEPA added Standard Methods, 22nd ed., Methods 3113 B and 3114 B as approved alternative methods for selenium in appendix A to subpart C of 40 CFR 141 on May 31, 2013 (at 78 Fed. Reg. 32558). Because Standard Methods, 22nd ed., Method 3114 B is the same version as Standard Methods Online 3114 B-09, the Board has not listed the Standard Methods Online version separately. USEPA added Standard

Methods Online, Method 3113 B-10 as an approved alternative method for selenium in appendix A to subpart C of 40 CFR 141 on June 19, 2014 (at 79 Fed. Reg. 35081). Because Standard Methods, 22nd ed., Method 3113 B is the same version as Standard Methods Online, Method 3113 B-10, the Board has not listed the Standard Methods Online versions separately.

23) Silica.

A) Colorimetric, molybdate blue: USGS Methods, Method I-1700-85.

B) Colorimetric, molybdate blue, automated-segmented flow: USGS Methods, Method I-2700-85.

C) Colorimetric: ASTM Method D859-94, D859-00, D859-05, or D859-10.

D) Molybdosilicate: Standard Methods, 18th or 19th ed., Method 4500-Si D or Standard Methods, 20th, 21st, or 22nd ed., Method 4500-SiO_2 C.

E) Heteropoly blue: Standard Methods, 18th or 19th ed., Method 4500-Si E or Standard Methods, 20th, 21st, or 22nd ed., Method 4500-SiO_2 D.

F) Automated method for molybdate-reactive silica: Standard Methods, 18th or 19th ed., Method 4500-Si F or Standard Methods, 20th, 21st, or 22nd ed., Method 4500-SiO_2 E.

G) Inductively coupled plasma.

i) USEPA Environmental Metals Methods, Method 200.7 (rev. 4.4); or

ii) Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 3120 B.

H) Axially viewed inductively coupled plasma-atomic emission spectrometry (AVICP-AES): USEPA NERL Method 200.5.

BOARD NOTE: USEPA added ASTM Method D859-05, Standard Methods, 21st ed.; Methods 3120 B and 4500-SiO_2 C, D, and E; and USEPA NERL Method 200.5 as approved alternative methods for silica in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added ASTM Method D859-10 as an approved alternative method for silica in appendix A to subpart C of 40 CFR 141 on June 28, 2012 (at 77 Fed. Reg. 38523). USEPA added Standard Methods, 22nd ed., Methods 3120 B and 4500-SiO_2 C, D, and E as approved alternative methods for silica in appendix A to subpart C of 40 CFR 141 on May 31, 2013 (at 78 Fed. Reg. 32558).

24) Sodium.

A) Inductively coupled plasma: USEPA Environmental Metals Methods, Method 200.7 (rev. 4.4).

B) Atomic absorption, direct aspiration: Standard Methods, 18th, 19th, 21st, or 22nd ed., Method 3111 B.

C) Ion chromatography: ASTM Method D6919-03 or D6919-09.

D) Axially viewed inductively coupled plasma-atomic emission spectrometry (AVICP-AES): USEPA NERL Method 200.5.

BOARD NOTE: USEPA added Standard Methods, 21st ed., Method 3113 B and USEPA NERL Method 200.5 as approved alternative methods for sodium in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added ASTM Method D6919-09 as an approved alternative method for sodium in appendix A to subpart C of 40 CFR 141 on June 24, 2011 (at 76 Fed. Reg. 37014). USEPA added Standard Methods, 22nd ed., Method 3111 B as an approved alternative method for sodium in appendix A to subpart C of 40 CFR 141 on May 31, 2013 (at 78 Fed. Reg. 32558).

25) Temperature; thermometric: Standard Methods, 18th, 19th, 20th, 21st, or 22nd ed., Method 2550.

BOARD NOTE: USEPA added Standard Methods, 21st ed., Method 2550 as an approved alternative method for temperature in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added Standard Methods, 22nd ed., Method 2550 as an approved alternative method for temperature~~temparature~~ in appendix A to subpart C of 40 CFR 141 on May 31, 2013 (at 78 Fed. Reg. 32558). USEPA added Standard Methods Online, Method 2550-10 as an approved alternative method for temperature in appendix A to subpart C of 40 CFR 141 on June 19, 2014 (at 79 Fed. Reg. 35081). Because Standard Methods, 22nd ed., Method 2550 is the same version as Standard Methods Online, Method 2550-10, the Board has not listed the Standard Methods Online versions separately.

26) Thallium.

A) Inductively coupled plasma-mass spectrometry: USEPA Environmental Metals Methods, Method 200.8 (rev. 5.3).

B) Atomic absorption, platform furnace technique: USEPA Environmental Metals Methods, Method 200.9 (rev. 2.2).

b) Sample collection for antimony, arsenic, asbestos, barium, beryllium, cadmium, chromium, cyanide, fluoride, mercury, nickel, nitrate, nitrite, selenium, and thallium pursuant to Sections 611.600 through 611.604 must be conducted using the following sample preservation, container, and maximum holding time procedures:

BOARD NOTE: For cyanide determinations samples must be adjusted with sodium hydroxide to pH 12 at the time of collection. When chilling is indicated the sample must be shipped and stored at 4° C or less. Acidification of nitrate or metals samples may be with a concentrated acid or a dilute (50% by volume) solution of the applicable concentrated acid. Acidification of samples for metals analysis is encouraged and allowed at the laboratory rather than at the time of sampling provided the shipping time and other instructions in Section 8.3 of USEPA Environmental Metals Method 200.7, 200.8, or 200.9 are followed.

1) Antimony.

A) Preservative: Concentrated nitric acid to pH less than 2.

B) Plastic or glass (hard or soft).

C) Holding time: Samples must be analyzed as soon after collection as possible, but in any event within six months.

2) Arsenic.

A) Preservative: Concentrated nitric acid to pH less than 2.

B) Plastic or glass (hard or soft).

C) Holding time: Samples must be analyzed as soon after collection as possible, but in any event within six months.

3) Asbestos.

A) Preservative: Cool to 4° C.

B) Plastic or glass (hard or soft).

C) Holding time: Samples must be analyzed as soon after collection as possible, but in any event within 48 hours.

4) Barium.

A) Preservative: Concentrated nitric acid to pH less than 2.

B) Plastic or glass (hard or soft).

C) Holding time: Samples must be analyzed as soon after collection as possible, but in any event within six months.

5) Beryllium.

A) Preservative: Concentrated nitric acid to pH less than 2.

B) Plastic or glass (hard or soft).

C) Holding time: Samples must be analyzed as soon after collection as possible, but in any event within six months.

6) Cadmium.

A) Preservative: Concentrated nitric acid to pH less than 2.

B) Plastic or glass (hard or soft).

C) Holding time: Samples must be analyzed as soon after collection as possible, but in any event within six months.

7) Chromium.

A) Preservative: Concentrated nitric acid to pH less than 2.

B) Plastic or glass (hard or soft).

C) Holding time: Samples must be analyzed as soon after collection as possible, but in any event within six months.

8) Cyanide.

A) Preservative: Cool to 4° C. Add sodium hydroxide to pH greater than 12. See the analytical methods for information on sample preservation.

B) Plastic or glass (hard or soft).

C) Holding time: Samples must be analyzed as soon after collection as possible, but in any event within 14 days.

9) Fluoride.

A) Preservative: None.

B) Plastic or glass (hard or soft).

C) Holding time: Samples must be analyzed as soon after collection as possible, but in any event within one month.

10) Mercury.

A) Preservative: Concentrated nitric acid to pH less than 2.

B) Plastic or glass (hard or soft).

C) Holding time: Samples must be analyzed as soon after collection as possible, but in any event within 28 days.

11) Nickel.

A) Preservative: Concentrated nitric acid to pH less than 2.

B) Plastic or glass (hard or soft).

C) Holding time: Samples must be analyzed as soon after collection as possible, but in any event within six months.

12) Nitrate, chlorinated.

A) Preservative: Cool to 4° C.

B) Plastic or glass (hard or soft).

C) Holding time: Samples must be analyzed as soon after collection as possible, but in any event within 14 days.

13) Nitrate, non-chlorinated.

A) Preservative: Concentrated sulfuric acid to pH less than 2.

B) Plastic or glass (hard or soft).

C) Holding time: Samples must be analyzed as soon after collection as possible, but in any event within 14 days.

14) Nitrite.

A) Preservative: Cool to 4° C.

B) Plastic or glass (hard or soft).

C) Holding time: Samples must be analyzed as soon after collection as possible, but in any event within 48 hours.

15) Selenium.

A) Preservative: Concentrated nitric acid to pH less than 2.

B) Plastic or glass (hard or soft).

C) Holding time: Samples must be analyzed as soon after collection as possible, but in any event within six months.

16) Thallium.

A) Preservative: Concentrated nitric acid to pH less than 2.

B) Plastic or glass (hard or soft).

C) Holding time: Samples must be analyzed as soon after collection as possible, but in any event within six months.

c) Analyses under this Subpart N must be conducted by a certified laboratory in one of the categories listed in Section 611.490(a). The Agency must certify laboratories to conduct analyses for antimony, arsenic, asbestos, barium, beryllium, cadmium, chromium, cyanide, fluoride, mercury, nickel, nitrate, nitrite, selenium, and thallium if the laboratory does as follows:

1) It analyzes performance evaluation (PE) samples, provided by the Agency pursuant to 35 Ill. Adm. Code 186, that include those substances at levels not in excess of levels expected in drinking water; and

2) It achieves quantitative results on the analyses within the following acceptance limits:

A) Antimony: ± 30% at greater than or equal to 0.006 mg/ℓ.

B) Arsenic: ± 30% at greater than or equal to 0.003 mg/ℓ.

C) Asbestos: 2 standard deviations based on study statistics.

D) Barium: ± 15% at greater than or equal to 0.15 mg/ℓ.

E) Beryllium: ± 15% at greater than or equal to 0.001 mg/ℓ.

F) Cadmium: ± 20% at greater than or equal to 0.002 mg/ℓ.

G) Chromium: ± 15% at greater than or equal to 0.01 mg/ℓ.

H) Cyanide: ± 25% at greater than or equal to 0.1 mg/ℓ.

I) Fluoride: ± 10% at 1 to 10 mg/ℓ.

J) Mercury: ± 30% at greater than or equal to 0.0005 mg/ℓ.

K) Nickel: ± 15% at greater than or equal to 0.01 mg/ℓ.

L) Nitrate: ± 10% at greater than or equal to 0.4 mg/ℓ.

M) Nitrite: ± 15% at greater than or equal to 0.4 mg/ℓ.

N) Selenium: ± 20% at greater than or equal to 0.01 mg/ℓ.

O) Thallium: ± 30% at greater than or equal to 0.002 mg/ℓ.

BOARD NOTE: Derived from 40 CFR 141.23(k) and appendix A to subpart C of 40 CFR 141 (2014)~~(2013)~~.

(Source: Amended at 39 Ill. Reg. 3713, effective February 24, 2015)

Section 611.612 Monitoring Requirements for Old Inorganic MCLs

a) Analyses for the purpose of determining compliance with the old inorganic MCLs

of Section 611.300 are required as follows:

1) Analyses for all CWSs utilizing surface water sources must be repeated at yearly intervals.

2) Analyses for all CWSs utilizing only groundwater sources must be repeated at three-year intervals.

3) This subsection (a)(3) corresponds with 40 CFR 141.23(1)(3), which requires monitoring for the repealed old MCL for nitrate at a frequency specified by the state. The Board has followed the USEPA lead and repealed that old MCL. This statement maintains structural consistency with USEPA rules.

4) This subsection (a)(4) corresponds with 40 CFR 141.23(1)(4) ,which authorizes the state to determine compliance and initiate enforcement action. This statement maintains structural consistency with USEPA rules.

b) If the result of an analysis made under subsection (a) of this Section indicates that the level of any contaminant listed in Section 611.300 exceeds the old MCL, the supplier must report to the Agency within seven days and initiate three additional analyses at the same sampling point within one month.

c) When the average of four analyses made pursuant to subsection (b) of this Section, rounded to the same number of significant figures as the old MCL for the substance in question, exceeds the old MCL, the supplier must notify the Agency and give notice to the public pursuant to Subpart V of this Part. Monitoring after public notification must be at a frequency designated by the Agency by a SEP issued pursuant to Section 611.110 and must continue until the old MCL has not been exceeded in two successive samples or until a different monitoring schedule becomes effective as a condition to a variance, an adjusted standard, a site specific rule, an enforcement action, or another SEP issued pursuant to Section 611.110.

d) This subsection (d) corresponds with 40 CFR 141.23(o), which pertains to monitoring for the repealed old MCL for nitrate. This statement maintains structural consistency with USEPA rules.

e) This subsection (e) corresponds with 40 CFR 141.23(p), which pertains to the use of existing data up until a date long since expired. This statement maintains structural consistency with USEPA rules.

f) Analyses conducted to determine compliance with the old MCLs of Section 611.300 must be made in accordance with the following methods, incorporated by reference in Section 611.102, or alternative methods approved by the Agency pursuant to Section 611.480.

1) Fluoride: The methods specified in Section 611.611(c) must apply for the purposes of this Section.

2) Iron.

A) Standard Methods.

i) Method 3111 B, 18th, 19th, 21st, or 22nd ed.;

ii) Method 3113 B, 18th, 19th, 21st, or 22nd ed.; or

iii) Method 3120 B, 18th, 19th, 20th, 21st, or 22nd ed.

B) Standard Methods Online, Method 3113 B-04.

C) USEPA Environmental Metals Methods.

i) Method 200.7 (rev. 4.4); or

ii) Method 200.9 (rev. 2.2).

D) Axially viewed inductively coupled plasma-atomic emission spectrometry (AVICP-AES): USEPA NERL Method 200.5.

BOARD NOTE: USEPA added USEPA NERL Method 200.5 as an approved alternative method in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added Standard Methods, 21st ed.; Methods 3111 B, 3113 B, and 3120 B and USEPA NERL Method 200.5 as approved alternative methods for iron in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added

Standard Methods Online, Method 3113 B-04 as an approved alternative method for iron in appendix A to subpart C of 40 CFR 141 on June 24, 2011 (at 76 Fed. Reg. 37014). USEPA added Standard Methods, 22nd ed., Methods 3111 D, 3113 B, and 3120 B as approved alternative methods for iron in appendix A to subpart C of 40 CFR 141 on June 21, 2013 (at 78 Fed. Reg. 37463). USEPA added Standard Methods Online, Method 3113 B-10 as an approved alternative method for iron in appendix A to subpart C of 40 CFR 141 on June 19, 2014 (at 79 Fed. Reg. 35081). Because Standard Methods, 22nd ed., Method 3113 B is the same version as Standard Methods Online, Method 3113 B-10, the Board has not listed the Standard Methods Online versions separately.

3) Manganese.

A) Standard Methods.

i) Method 3111 B, 18th, 19th, 21st, or 22nd ed.;

ii) Method 3113 B, 18th, 19th, 21st, or 22nd ed.; or

iii) Method 3120 B, 18th, 19th, 20th, 21st, or 22nd ed.

B) Standard Methods Online, Method 3113 B-04.

C) USEPA Environmental Metals Methods.

i) Method 200.7 (rev. 4.4);

ii) Method 200.8 (rev. 5.3); or

iii) Method 200.9 (rev. 2.2).

D) Axially viewed inductively coupled plasma-atomic emission spectrometry (AVICP-AES): USEPA NERL Method 200.5.

BOARD NOTE: USEPA added Standard Methods, 21st ed.; Methods 3111 B, 3113 B, and 3120 B and USEPA NERL Method 200.5 as approved alternative methods for manganese in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added

Standard Methods Online, Method 3113 B-04 as an approved alternative method for manganese in appendix A to subpart C of 40 CFR 141 on June 24, 2011 (at 76 Fed. Reg. 37014). USEPA added Standard Methods, 22nd ed., Methods 3111 D, 3113 B, and 3120 B as approved alternative methods for manganese in appendix A to subpart C of 40 CFR 141 on June 21, 2013 (at 78 Fed. Reg. 37463). USEPA added Standard Methods Online, Method 3113 B-10 as an approved alternative method for manganese in appendix A to subpart C of 40 CFR 141 on June 19, 2014 (at 79 Fed. Reg. 35081). Because Standard Methods, 22nd ed., Method 3113 B is the same version as Standard Methods Online, Method 3113 B-10, the Board has not listed the Standard Methods Online versions separately.

4) Zinc.

A) Standard Methods.

i) Method 3111 B, 18th, 19th, 21st, or 22nd ed.; or

ii) Method 3120 B, 18th , 19th, 20th, 21st, or 22nd ed.

B) USEPA Environmental Metals Methods.

i) Method 200.7 (rev. 4.4); or

ii) Method 200.8 (rev. 5.3).

C) Axially viewed inductively coupled plasma-atomic emission spectrometry (AVICP-AES): USEPA NERL Method 200.5.

BOARD NOTE: USEPA added Standard Methods, 21st ed.; Methods 3111 B and 3120 B and USEPA NERL Method 200.5 as approved alternative methods for zinc in appendix A to subpart C of 40 CFR 141 on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added Standard Methods, 22nd ed., Methods 3111 B and 3120 B as approved alternative methods for zinc in appendix A to subpart C of 40 CFR 141 on June 21, 2013 (at 78 Fed. Reg. 37463).

BOARD NOTE: The provisions of subsections (a) through (e) of this Section derive

from 40 CFR 141.23(l) through (p) (2014)~~(2013)~~. Subsections (f)(2) through (f)(4) of this Section relate exclusively to additional State requirements. The Board retained subsection (f) of this Section to set forth methods for the inorganic contaminants for which there is a State-only MCL. The methods specified are those set forth in 40 CFR 143.4(b) and appendix A to subpart C of 40 CFR 141 (2014)~~(2013)~~, for secondary MCLs.

(Source: Amended at 39 Ill. Reg. 3713, effective February 24, 2015)

SUBPART O: ORGANIC MONITORING AND ANALYTICAL REQUIREMENTS

Section 611.645 Analytical Methods for Organic Chemical Contaminants

Analysis for the Section 611.311(a) VOCs under Section 611.646; the Section 611.311(c) SOCs under Section 611.648; the Section 611.310 old MCLs under Section 611.641; and for THMs, TTHMs, and TTHM potential must be conducted using the methods listed in this Section. All methods are incorporated by reference in Section 611.102. Other required analytical test procedures germane to the conduct of these analyses are contained in the USEPA document, "Technical Notes of Drinking Water Methods," incorporated by reference in Section 611.102.

a) Volatile Organic Chemical Contaminants (VOCs).

Contaminant	Analytical Methods
Benzene	USEPA Organic Methods, Methods 502.2 (rev. 2.1) and 524.2 (rev. 4.1); USEPA OGWDW Methods, Method 524.3 (rev. 1.0)
Carbon tetrachloride	USEPA Organic Methods, Methods 502.2 (rev. 2.1) and 524.2 (rev. 4.1); USEPA OGWDW Methods, Methods 524.3 (rev. 1.0), 524.4, and 551.1 (rev. 1.0)
Chlorobenzene	USEPA Organic Methods, Methods 502.2 (rev. 2.1) and 524.2 (rev. 4.1); USEPA OGWDW Methods, Methods 524.3 (rev. 1.0) and 524.4
1,2-Dichlorobenzene	USEPA Organic Methods, Methods 502.2 (rev. 2.1) and 524.2 (rev. 4.1); USEPA OGWDW Methods, Methods 524.3 (rev. 1.0) and 524.4

1,4-Dichlorobenzene	USEPA Organic Methods, Methods 502.2 (rev. 2.1) and 524.2 (rev. 4.1); USEPA OGWDW Methods, Methods 524.3 (rev. 1.0) and 524.4
1,2-Dichloroethane	USEPA Organic Methods, Methods 502.2 (rev. 2.1) and 524.2 (rev. 4.1); USEPA OGWDW Methods, Methods 524.3 (rev. 1.0) and 524.4
1,1-Dichloroethylene	USEPA Organic Methods, Methods 502.2 (rev. 2.1) and 524.2 (rev. 4.1); USEPA OGWDW Methods, Methods 524.3 (rev. 1.0) and 524.4
cis-Dichloroethylene	USEPA Organic Methods, Methods 502.2 (rev. 2.1) and 524.2 (rev. 4.1); USEPA OGWDW Methods, Methods 524.3 (rev. 1.0) and 524.4
trans-Dichloroethylene	USEPA Organic Methods, Methods 502.2 (rev. 2.1) and 524.2 (rev. 4.1); USEPA OGWDW Methods, Methods 524.3 (rev. 1.0) and 524.4
Dichloromethane	USEPA Organic Methods, Methods 502.2 (rev. 2.1) and 524.2 (rev. 4.1); USEPA OGWDW Methods, Methods 524.3 (rev. 1.0) and 524.4
1,2-Dichloropropane	USEPA Organic Methods, Methods 502.2 (rev. 2.1) and 524.2 (rev. 4.1); USEPA OGWDW Methods, Methods 524.3 (rev. 1.0) and 524.4
Ethylbenzene	USEPA Organic Methods, Methods 502.2 (rev. 2.1) and 524.2 (rev. 4.1); USEPA OGWDW Methods, Methods 524.3 (rev. 1.0) and 524.4
Styrene	USEPA Organic Methods, Methods 502.2 (rev. 2.1) and 524.2 (rev. 4.1); USEPA OGWDW Methods, Methods 524.3 (rev. 1.0) and 524.4
Tetrachloroethylene	USEPA Organic Methods, Methods 502.2 (rev. 2.1) and 524.2 (rev. 4.1); USEPA OGWDW Methods,

	Methods 524.3 (rev. 1.0), 524.4, and 551.1 (rev. 1.0)
~~Toluene~~	~~USEPA Organic Methods, Methods 502.2 (rev. 2.1) and 524.2 (rev. 4.1); USEPA OGWDW Methods, Methods 524.3 (rev. 1.0) and 524.4~~
1,2,4-Trichlorobenzene	USEPA Organic Methods, Methods 502.2 (rev. 2.1) and 524.2 (rev. 4.1); USEPA OGWDW Methods, Methods 524.3 (rev. 1.0) and 524.4
1,1,2-Trichloroethane	USEPA Organic Methods, Methods 502.2 (rev. 2.1) and 524.2 (rev. 4.1); USEPA OGWDW Methods, Methods 524.3 (rev. 1.0) and 524.4
1,1,1-Trichloroethane	USEPA Organic Methods, Methods 502.2 (rev. 2.1) and 524.2 (rev. 4.1); USEPA OGWDW Methods, Methods 524.3 (rev. 1.0), 524.4, and 551.1 (rev. 1.0)
Trichloroethylene	USEPA Organic Methods, Methods 502.2 (rev. 2.1) and 524.2 (rev. 4.1); USEPA OGWDW Methods, Methods 524.3 (rev. 1.0), 524.4, and 551.1 (rev. 1.0)
Toluene	USEPA Organic Methods, Methods 502.2 (rev. 2.1) and 524.2 (rev. 4.1); USEPA OGWDW Methods, Methods 524.3 (rev. 1.0)
~~1,2,4-Trichlorobenzene~~	~~USEPA Organic Methods, Methods 502.2 (rev. 2.1) and 524.2 (rev. 4.1); USEPA OGWDW Methods, Methods 524.3 (rev. 1.0) and 524.4~~
~~1,1,2-Trichloroethane~~	~~USEPA Organic Methods, Methods 502.2 (rev. 2.1) and 524.2 (rev. 4.1); USEPA OGWDW Methods, Methods 524.3 (rev. 1.0) and 524.4~~
Vinyl chloride	USEPA Organic Methods, Methods 502.2 (rev. 2.1) and 524.2 (rev. 4.1);

Xylenes (total)	USEPA OGWDW Methods, Methods 524.3 (rev. 1.0) and 524.4 USEPA Organic Methods, Methods 502.2 (rev. 2.1) and 524.2 (rev. 4.1); USEPA OGWDW Methods, Methods 524.3 (rev. 1.0) and 524.4

BOARD NOTE: USEPA added USEPA OGWDW Method 524.3 (rev. 1.0) as an alternative method for all of the VOCs in appendix A to subpart C of 40 CFR 141 on August 3, 2009 (at 74 Fed. Reg. 38348). USEPA added USEPA OGWDW Method 524.4 as an approved alternative method for all of the VOCs in appendix A to subpart C of 40 CFR 141 on May 31, 2013 (at 78 Fed. Reg. 32558).

b) Synthetic Organic Chemical Contaminants (SOCs).

Contaminant	Analytical Methods
2,3,7,8-Tetrachlorodibenzodioxin (2,3,7,8-TCDD or dioxin)	Dioxin and Furan Method 1613 (rev. B)
2,4-D	USEPA Organic Methods, Methods 515.2 (rev. 1.1), 555 (rev. 1.0), and 515.1 (rev. 4.0); USEPA Organic and Inorganic Methods, Method 515.3 (rev. 1.0); USEPA OGWDW Methods, Method 515.4 (rev. 1.0); ASTM Method D5317-93 or D5317-98 (2003); Standard Methods, 21st or 22nd ed., Method 6640 B
2,4,5-TP (Silvex)	USEPA Organic Methods, Methods 515.2 (rev. 1.1), 555 (rev. 1.0), and 515.1 (rev. 4.0); USEPA Organic and Inorganic Methods, Method 515.3 (rev. 1.0); USEPA OGWDW Methods, Method 515.4 (rev. 1.0); ASTM Method D5317-93 or D5317-98 (2003); Standard Methods, 21st or 22nd ed., Method 6640 B

Alachlor	USEPA Organic Methods, Methods 505 (rev. 2.1)[1], 507 (rev. 2.1), 508.1 (rev. 2.0), 525.2 (rev. 2.0), ~~525.3 (ver. 1.0),~~ and 551.1 (rev. 1.0); NERL Method 525.3 (rev. 1.0)
Atrazine	USEPA Organic Methods, Methods 505 (rev. 2.1)[1], 507 (rev. 2.1), 508.1 (rev. 2.1), 523 (rev. 1.0), 525.2 (rev. 2.0), ~~525.3 (rev. 1.0),~~ 536 (rev. 1.0), and 551.1 (rev. 1.0); NERL Method 525.3 (rev. 1.0); Syngenta AG-625[2]
Benzo(a)pyrene	USEPA Organic Methods, Methods 525.2 (rev. 2.0), ~~525.3 (rev. 1.0),~~ 550, and 550.1; NERL Method 525.3 (rev. 1.0)
Carbofuran	USEPA Organic Methods, Methods 531.1 (rev. 3.1); USEPA OGWDW Methods, Method 531.2 (rev. 1.0); Standard Methods, 18th ed. Supplement, 19th ed., or 20th ed., Method 6610; Standard Methods, 21st or 22nd ed., Method 6610 B
Chlordane	USEPA Organic Methods, Methods 505 (rev. 2.1), 508 (rev. 3.1), 508.1 (rev. 2.1), and 525.2 (rev. 2.0); NERL Method 525.3 (rev. 1.0)~~, and 525.3 (ver. 1.0)~~
Dalapon	USEPA Organic Methods, Methods 515.1 (rev. 4.0), 552.1 (rev. 1.0), and 552.2 (rev. 1.0); USEPA Organic and Inorganic Methods, Method 515.3 (rev. 1.0); USEPA OGWDW Methods, Methods 515.4 (rev. 1.0), 552.3 (rev. 1.0), and 557; Standard Methods, 21st or 22nd ed., Method 6640 B

Di(2-ethylhexyl)adipate	USEPA Organic Methods, Methods 506 (rev. 1.1), 525.2 (rev. 2.0), and 525.3 (ver. 1.0)
Di(2-ethylhexyl)phthalate	USEPA Organic Methods, Methods 506 (rev. 1.1) and 525.2 (rev. 2.0); NERL Method ~~, and~~ 525.3 (ver. 1.0)
Dibromochloropropane (DBCP)	USEPA Organic Methods, Methods 504.1 (rev. 1.1), USEPA OGWDW Methods, Methods 524.3 (rev. 1.0) and 551.1 (rev. 1.0)
Dinoseb	USEPA Organic Methods, Methods 515.1 (rev. 4.0) and 515.2 (rev. 1.1); USEPA Organic and Inorganic Methods, Method 515.3 (rev. 1.0); USEPA OGWDW Methods, Methods 515.4 (rev. 1.0) and 555 (rev. 1.0); Standard Methods, 21st or 22nd ed., Method 6640 B
Diquat	USEPA NERL Method 549.2 (rev. 1.0)
Endothall	USEPA Organic Methods, Method 548.1 (rev. 1.0)
Endrin	USEPA Organic Methods, Methods 505 (rev. 2.1), 508 (rev. 3.1), 508.1 (rev. 2.0), 525.2 (rev. 2.0), ~~525.3 (ver. 1.0),~~ and 551.1 (rev. 1.0); NERL Method 525.3 (rev. 1.0)
Ethylene dibromide (EDB)	USEPA Organic Methods, Method 504.1 (rev. 1.1); USEPA OGWDW Methods, Methods 524.3 (rev. 1.0) and 551.1 (rev.1.0)
Glyphosate	USEPA Organic Methods, Method 547; Standard Methods, 18th ed., 19th ed., 20th, 21st, or 22nd ed., Method 6651 B

Heptachlor	USEPA Organic Methods, Methods 505 (rev. 2.1), 508 (rev. 3.1), 508.1 (rev. 2.0), 525.2 (rev. 2.0), ~~525.3 (ver. 1.0),~~ and 551.1 (rev. 1.0) ; NERL Method 525.3 (rev. 1.0)
Heptachlor Epoxide	USEPA Organic Methods, Methods 505 (rev. 2.1), 508 (rev. 3.1), 508.1 (rev. 2.0), 525.2 (rev. 2.0), ~~525.3 (ver. 1.0),~~ and 551.1 (rev.1.0) ; NERL Method 525.3 (rev. 1.0)
Hexachlorobenzene	USEPA Organic Methods, Methods 505 (rev. 2.1), 508 (rev. 3.1), 508.1 (rev. 2.0), 525.2 (rev. 2.0), ~~525.3 (ver. 1.0),~~ and 551.1 (rev. 1.0) ; NERL Method 525.3 (rev. 1.0)
Hexachlorocyclopentadiene	USEPA Organic Methods, Methods 505 (rev. 2.1), 508 (rev. 3.1), 508.1 (rev. 2.0), 525.2 (rev. 2.0), ~~525.3 (ver. 1.0),~~ and 551.1 (rev. 1.0) ; NERL Method 525.3 (rev. 1.0)
Lindane	USEPA Organic Methods, Methods 505 (rev. 2.1), 508 (rev. 3.1), 508.1 (rev. 2.0), 525.2 (rev. 2.0), ~~525.3 (ver. 1.0),~~ and 551.1 (rev. 1.0) ; NERL Method 525.3 (rev. 1.0)
Methoxychlor	USEPA Organic Methods, Methods 505 (rev. 2.1), 508 (rev. 3.1), 508.1 (rev. 2.0), 525.2 (rev. 2.0), 525.3 (rev. 1.0), and 551.1 (rev. 1.0)
Oxamyl	USEPA Organic Methods, Method 531.1 (rev. 3.1); USEPA OGWDW Methods, Method 531.2 (rev. 1.0); Standard Methods, 18th ed. Supplement, 19th ed., or 20th ed., Method 6610; Standard Methods, 21st or 22nd ed., Method 6610 B
PCBs (measured for compliance purposes as decachlorobiphenyl)	USEPA Organic Methods, Method 508A (rev. 1.0)

PCBs (qualitatively identified as alachlors~~Aroclors~~)	USEPA Organic Methods, Methods 505 (rev. 2.1), 508 (rev. 3.1), 508.1 (rev. 2.0), and 525.2 (rev. 2.0)~~, and~~ 525.3; NERL Method (ver. 1.0)
Pentachlorophenol	USEPA Organic Methods, Methods 515.1 (rev. 4.0), 515.2 (rev. 1.1), 525.2 (rev. 2.0), ~~525.3 (ver. 1.0),~~ and 555 (rev. 1.0); USEPA Organic and Inorganic Methods, Method 515.3 (rev. 1.0); USEPA OGWDW Methods, Method 515.4 (rev. 1.0); ASTM Method D5317-93 or D5317-98 (2003); Standard Methods, 21st or 22nd ed., Method 6640 B; NERL Method 525.3 (rev. 1.0)
Picloram	USEPA Organic Methods, Methods 515.1 (rev. 4.0), 515.2 (rev. 1.1), and 555 (rev. 1.0); USEPA Organic and Inorganic Methods, Method 515.3 (rev. 1.0); USEPA OGWDW Methods, Method 515.4 (rev. 1.0); ASTM Method D5317-93 or D5317-98 (2003); Standard Methods, 21st or 22nd ed., Method 6640 B
Simazine	USEPA Organic Methods, Methods 505 (rev. 2.1)[1], 507 (rev. 2.1), 508.1 (rev. 2.0), 523 (ver. 1.0), 525.2 (rev. 2.0), ~~525.3 (ver. 1.0),~~ 536 (ver. 1.0), and 551.1 (rev. 1.0) ; NERL Method 525.3 (rev. 1.0)
Toxaphene	USEPA Organic Methods, Methods 505 (rev. 2.1), 508 (rev. 2.1), 508.1 (rev. 2.0), and 525.2 (rev. 2.0) ; NERL Method 525.3 (rev. 1.0)~~, and~~ 525.3 (ver. 1.0)

BOARD NOTE: USEPA added Standard Methods, 21st ed., Method 6610 B and Standard Methods Online, Method 6610 B-04 as approved alternative methods for carbofuran and oxamyl on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added

USEPA OGWDW Method 524.3 (rev. 1.0) as an alternative method for dibromochloropropane and ethylene dibromide in appendix A to subpart C of 40 CFR 141 on August 3, 2009 (at 74 Fed. Reg. 38348). USEPA approved Standard Methods, 21st ed., Method 6640 B and Standard Methods Online, Method 6640 B-01 and USEPA OGWDW Methods, Method 557 as approved alternative methods for dalapon in appendix A to subpart C of 40 CFR 141 on June 8, 2010 (at 75 Fed. Reg. 32295). USEPA added Standard Methods, 21st ed., Method 6640 B as an approved alternative method for 2,4-D, 2,4,5-TP (Silvex), dinoseb, pentachlorophenol, and picloram in appendix A to subpart C of 40 CFR 141 on June 24, 2011 (at 76 Fed. Reg. 37014). USEPA added Standard Methods, Online, Method 6640 B-01 as an approved alternative method for 2,4-D, 2,4,5-TP (Silvex), dalapon, dinoseb, pentachlorophenol, and picloram and in appendix A to subpart C of 40 CFR 141 on June 24, 2011 (at 76 Fed. Reg. 37014). Since the version of Method 6640 B that appears in Standard Methods Online is the same as that which appears in Standard Methods, 21st ed., the Board has cited only to Standard Methods, 21st ed. USEPA added Standard Methods, 21st ed., Method 6651 B as an approved alternative method for glyphosate in appendix A to subpart C of 40 CFR 141 on June 24, 2011 (at 76 Fed. Reg. 37014). USEPA added Standard Methods Online, Method 6651 B-00 as an approved alternative method for glyphosate in appendix A to subpart C of 40 CFR 141 on June 24, 2011 (at 76 Fed. Reg. 37014). Since the version of Method 6651 B that appears in Standard Methods Online is the same as that which appears in Standard Methods, 21st ed., the Board has cited only to Standard Methods, 21st ed. USEPA approved USEPA OGWDW Methods, Method 523 (ver. 1.0) and Method 536 (ver. 1.0) as approved alternative methods for atrazine and simazine and USEPA NERL Methods, Method 525.3 as an approved alternative method for alachlor, atrazine, benzo(a)pyrene, chlordane, di(2-ethylhexyl)adipate, di(2-ethylhexyl)phthalate, endrin, heptachlor, heptachlor epoxide, hexachlorobenzene, hexachlorocyclopentadiene, lindane, methoxychlor, PCBs (as alachlor~~arachlors~~), pentachlorophenol~~pentachlorophenyl~~, simazine, and toxaphene in appendix A to subpart C of 40 CFR 141 on June 8, 2012 (at 77 Fed. Reg. 38523). USEPA added Standard Methods, 22nd ed., Method 6610 B and Standard Methods Online, Method 6610 B-04 as an approved alternative method for carbofuran and oxamyl; Standard Methods, 22nd ed., Method 6640 B and Standard Methods Online, Method 6640 B-01 as an approved method for 2,4-D, 2,4,5-TP (silvex), dalapon, dinoseb, pentachlorophenol, and picloram; and Standard Methods, 22nd ed., Method 6651 B for glyphosate in appendix A to subpart C of 40 CFR 141 on May 31, 2013 (at 78 Fed. Reg. 32558). Because Standard Methods, 22nd ed., Methods 6610 B and 6640 B-01 are the same versions as

Standard Methods Online 6610 B-04 and 6640 B-01, the Board has not listed the Standard Methods Online versions separately. USEPA added Standard Methods Online, Method 6640 B-06 as an approved alternative method for 2,4-D, 2,4,5-TP (silvex), dalapon, dinoseb, pentachlorophenol, and picloram and Method 6651 B-05 for glyphosate in appendix A to subpart C of 40 CFR 141 on June 19, 2014 (at 79 Fed. Reg. 35081). Because Standard Methods, 22nd ed., Methods 6640 B and 6651 B are the same versions as Standard Methods Online, Methods 6640 B-06 and 6651 B-05, the Board has not listed the Standard Methods Online versions separately.

c) Total Trihalomethanes (TTHMs).

Contaminant	Analytical Methods
Total Trihalomethanes (TTHMs), Trihalomethanes (THMs), and Maximum Total Trihalomethane Potential	USEPA Organic Methods, Methods 502.2 (rev. 2.1) and 524.2 (rev. 4.1); USEPA OGWDW Methods, Methods 524.3 (rev. 1.0), 524.4, and 551.1 (rev. 1.0)

BOARD NOTE: USEPA added USEPA OGWDW Method 524.3 (rev. 1.0) as an alternative method for total trihalomethane in appendix A to subpart C of 40 CFR 141 on August 3, 2009 (at 74 Fed. Reg. 38348). USEPA added USEPA OGWDW Method 524.4 as an approved alternative method for total trihalomethanes in appendix A to subpart C of 40 CFR 141 on May 31, 2013 (at 78 Fed. Reg. 32558).

d) State-Only MCLs (for which a method is not listed in subsections (a) through (c) of this Section).

Contaminant	Analytical Methods
Aldrin	USEPA Organic Methods, Methods 505 (rev. 2.1), 508 (rev. 3.1), 508.1 (rev. 2.0), and 525.2 (rev. 2.0)
DDT	USEPA Organic Methods, Methods 505 (rev. 2.1) and 508 (rev. 3.1)

Dieldrin	USEPA Organic Methods, Methods 505 (rev. 2.1), 508 (rev. 3.1), 508.1 (rev. 2.0), and 525.2 (rev. 2.0)

e) The following footnotes are appended to method entries in subsections (a) and (b) of this Section:

[1] denotes that, for the particular contaminant, a nitrogen-phosphorus detector should be substituted for the electron capture detector in method 505 (or another approved method should be used) to determine alachlor, atrazine, and simazine if lower detection limits are required.

[2] denotes that Syngenta Method AG-625 may not be used for the analysis of atrazine in any system where chlorine dioxide is used for drinking water treatment. In samples from all other systems, any result for atrazine generated by Syngenta Method AG-625 that is greater than one-half the maximum contaminant level (MCL) (in other words, greater than 0.0015 mg/ℓ or 1.5 µg/ℓ) must be confirmed using another approved method for this contaminant and should use additional volume of the original sample collected for compliance monitoring. In instances where a result from Syngenta Method AG-625 triggers such confirmatory testing, the confirmatory result is to be used to determine compliance.

BOARD NOTE: Derived from 40 CFR 141.24(e) and appendix A to subpart C of 40 CFR 141 (2014)~~(2013)~~.

(Source: Amended at 39 Ill. Reg. 3713, effective February 24, 2015)

SUBPART Q: RADIOLOGICAL MONITORING AND ANALYTICAL REQUIREMENTS

Section 611.732 Beta Particle and Photon Radioactivity

Monitoring and compliance requirements for manmade radioactivity. To determine compliance with the maximum contaminant levels in Section 611.330(d) for beta particle and photon radioactivity, a supplier must monitor at a frequency as follows:

a) A CWS supplier (either a surface water or groundwater supplier) designated by the Agency, by a SEP issued pursuant to Section 611.110, as vulnerable must sample for beta particle and photon radioactivity. A supplier must collect quarterly samples for beta emitters and annual samples for tritium and strontium-

90 at each entry point to the distribution system (hereafter called a sampling point), beginning within one quarter after being notified by the Agency. A supplier already designated by the Agency must continue to sample until the Agency reviews and either reaffirms or removes the designation, by a SEP issued pursuant to Section 611.110.

1) If the gross beta particle activity minus the naturally occurring potassium-40 beta particle activity at a sampling point has a running annual average (computed quarterly) less than or equal to 50 pCi/ℓ (screening level), the Agency may reduce the frequency of monitoring at that sampling point to once every three years. A supplier must collect all samples required in subsection (a) of this Section during the reduced monitoring period.

2) For a supplier in the vicinity of a nuclear facility, the Agency may allow the CWS supplier to utilize environmental surveillance data collected by the nuclear facility in lieu of monitoring at the supplier's entry points, where the Agency determines if such data is applicable to a particular water system, by a SEP issued pursuant to Section 611.110. In the event that there is a release from a nuclear facility, a supplier that is using surveillance data must begin monitoring at the community water supplier's entry points in accordance with subsection (b)(1) of this Section.

b) A CWS supplier (either a surface water or groundwater supplier) designated by the Agency, by a SEP issued pursuant to Section 611.110, as utilizing waters contaminated by effluents from nuclear facilities must sample for beta particle and photon radioactivity. A supplier must collect quarterly samples for beta emitters and iodine-131 and annual samples for tritium and strontium-90 at each entry point to the distribution system (hereafter called a sampling point), beginning within one quarter after being notified by the Agency. A supplier already designated by the Agency as a supplier using waters contaminated by effluents from nuclear facilities must continue to sample until the Agency reviews and either reaffirms or removes the designation, by a SEP issued pursuant to Section 611.110.

1) Quarterly monitoring for gross beta particle activity must be based on the analysis of monthly samples or the analysis of a composite of three monthly samples.

BOARD NOTE: In corresponding 40 CFR 141.26(b)(2)(i), USEPA

recommends the use of a composite of three monthly samples.

2) For iodine-131, a composite of five consecutive daily samples must be analyzed once each quarter. The Agency must require~~may~~, by a SEP issued pursuant to Section 611.110, ~~order~~ more frequent monitoring for iodine-131 where iodine-131~~it~~ is identified in the finished water.

3) Annual monitoring for strontium-90 and tritium must be conducted by means of the analysis of a composite of four consecutive quarterly samples or analysis of four quarterly samples.

BOARD NOTE: In corresponding 40 CFR 141.26(b)(2)(iii), USEPA recommends the analysis of four consecutive quarterly samples.

4) If the gross beta particle activity minus the naturally occurring potassium-40 beta particle activity at a sampling point has a running annual average (computed quarterly) less than or equal to 15 pCi/ℓ, the Agency may, by a SEP issued pursuant to Section 611.110, reduce the frequency of monitoring at that sampling point to once every three years. The supplier must collect the same type of samples required in subsection (b) of this Section during the reduced monitoring period.

5) For a supplier in the vicinity of a nuclear facility, the Agency may allow the CWS to utilize environmental surveillance data collected by the nuclear facility in lieu of monitoring at the system's entry points, where the Agency determines, by a SEP issued pursuant to Section 611.110, that such data is applicable to the particular water system. In the event that there is a release from a nuclear facility, a supplier that uses such surveillance data must begin monitoring at the CWS's entry points in accordance with subsection (b) of this Section.

c) A CWS supplier designated by the Agency to monitor for beta particle and photon radioactivity can not apply to the Agency for a waiver from the monitoring frequencies specified in subsection (a) or (b) of this Section.

d) A CWS supplier may analyze for naturally occurring potassium-40 beta particle activity from the same or equivalent sample used for the gross beta particle activity analysis. A supplier is allowed to subtract the potassium-40 beta particle activity value from the total gross beta particle activity value to determine if the

screening level is exceeded. The potassium-40 beta particle activity must be calculated by multiplying elemental potassium concentrations (in mg/ℓ) by a factor of 0.82.

e) If the gross beta particle activity minus the naturally occurring potassium-40 beta particle activity exceeds the appropriate screening level, an analysis of the sample must be performed to identify the major radioactive constituents present in the sample and the appropriate doses must be calculated and summed to determine compliance with Section 611.330(d)(1), using the formula in Section 611.330(d)(2). Doses must also be calculated and combined for measured levels of tritium and strontium to determine compliance.

f) A supplier must monitor monthly at the sampling points that exceeds the maximum contaminant level in Section 611.330(d) beginning the month after the exceedence occurs. A supplier must continue monthly monitoring until the supplier has established, by a rolling average of three monthly samples, that the MCL is being met. A supplier that establishes that the MCL is being met must return to quarterly monitoring until it meets the requirements set forth in subsection (a)(1) or (b)(4) of this Section.

BOARD NOTE: Derived~~Subsections (a) through (f) derive~~ from 40 CFR 141.26(b) (2014)~~(2012)~~.

(Source: Amended at 39 Ill. Reg. 3713, effective February 24, 2015)

SUBPART R: ENHANCED FILTRATION AND DISINFECTION: SYSTEMS THAT SERVE 10,000 OR MORE PEOPLE

Section 611.742 Disinfection Profiling and Benchmarking

a) Determination of a supplier required to profile. A PWS supplier subject to the requirements of this Subpart R must determine its TTHM annual average using the procedure in subsection (a)(1) of this Section and its HAA5 annual average using the procedure in subsection (a)(2) of this Section. The annual average is the arithmetic average of the quarterly averages of four consecutive quarters of monitoring.

1) The TTHM annual average that is used must be the annual average during the same period as the HAA5 annual average.

A) A supplier that collected data under the provisions of 40 CFR 141 Subpart M (Information Collection Rule) must use the results of the samples collected during the last four quarters of required monitoring under former 40 CFR 141.42 (1995).

B) A supplier that uses "grandfathered" HAA5 occurrence data that meet the provisions of subsection (a)(2)(B) of this Section must use TTHM data collected at the same time under the provisions of former Section 611.680.

C) A supplier that uses HAA5 occurrence data that meet the provisions of subsection (a)(2)(C)(i) of this Section must use TTHM data collected at the same time under the provisions of Section~~Sections~~ 611.310 and former Section 611.680.

2) The HAA5 annual average that is used must be the annual average during the same period as the TTHM annual average.

A) A supplier that collected data under the provisions of 40 CFR 141 Subpart M (Information Collection Rule) must use the results of the samples collected during the last four quarters of required monitoring under former 40 CFR 141.42 (1995).

B) A supplier that has collected four quarters of HAA5 occurrence data that meets the routine monitoring sample number and location requirements for TTHM in former Section 611.680 and handling and analytical method requirements of former Section 611.685 may use that data to determine whether the requirements of this Section apply.

C) A supplier that had not collected four quarters of HAA5 occurrence data that meets the provisions of either subsection (a)(2)(A) or (a)(2)(B) of this Section by March 31, 1999 must do either of the following:

i) Conduct monitoring for HAA5 that meets the routine monitoring sample number and location requirements for TTHM in former Section 611.680 and handling and

analytical method requirements of former Section 611.685 to determine the HAA5 annual average and whether the requirements of subsection (b) of this Section apply; or

ii) Comply with all other provisions of this Section as if the HAA5 monitoring had been conducted and the results required compliance with subsection (b) of this Section.

3) The supplier may request that the Agency approve a more representative annual data set than the data set determined under subsection (a)(1) or (a)(2) of this Section for the purpose of determining applicability of the requirements of this Section.

4) The Agency may require that a supplier use a more representative annual data set than the data set determined under subsection (a)(1) or (a)(2) of this Section for the purpose of determining the applicability of the requirements of this Section.

5) The supplier must submit data to the Agency on the schedule in subsections (a)(5)(A) through (a)(5)(E) of this Section.

A) A supplier that collected TTHM and HAA5 data under the provisions of 40 CFR Subpart M (Information Collection Rule), as required by subsections (a)(1)(A) and (a)(2)(A) of this Section, must have submitted the results of the samples collected during the last 12 months of required monitoring under former Section 611.685 not later than December 31, 1999.

B) A supplier that had collected four consecutive quarters of HAA5 occurrence data that meets the routine monitoring sample number and location for TTHM in former 40 CFR 141.42 (1994), and handling and analytical method requirements of former Section 611.685, as allowed by subsections (a)(1)(B) and (a)(2)(B) of this Section, must have submitted that data to the Agency not later than April 30, 1999. Until the Agency has approved the data, the supplier must conduct monitoring for HAA5 using the monitoring requirements specified under subsection (a)(2)(C) of this Section.

C) A supplier that conducted monitoring for HAA5 using the

monitoring requirements specified by subsections (a)(1)(C) and (a)(2)(C)(i) of this Section must have submitted TTHM and HAA5 data not later than March 31, 2000.

D) A supplier that elected to comply with all other provisions of this Section as if the HAA5 monitoring had been conducted and the results required compliance with this Section, as allowed under subsection (a)(2)(C)(ii) of this Section, must have notified the Agency in writing of its election not later than December 31, 1999.

E) If the supplier elected to request that the Agency approve a more representative data set than the data set determined under subsection (a)(2)(A) of this Section, the supplier must have submitted this request in writing not later than December 31, 1999.

6) Any supplier that had~~having~~ either a TTHM annual average ≥ (greater than or equal to) 0.064 mg/ℓ or an HAA5 annual average ≥ 0.048 mg/ℓ during the period identified in subsections (a)(1) and (a)(2) of this Section must comply with subsection (b) of this Section.

BOARD NOTE: Former Sections 611.680 and 611.685 originally derived from 40 CFR 141.30(a), (b), and (e). USEPA removed 40 CFR 141.30 in its entirety in 2006. The Board repealed former Section 611.685 in 2007 and Section 611.680 in 2012. The references to former Sections 611.680 and 611.685 in this subsection (a) relate to use of existing monitoring data collected under those provisions as they existed before their repeal.

b) Disinfection profiling.

1) Any supplier that meets the standards in subsection (a)(6) of this Section must have developed~~develop~~ a disinfection profile of its disinfection practice for a period of up to three years. The Agency must have determined~~determine~~ the period of the disinfection profile, with a minimum period of one year.

2) The supplier must must have monitored~~monitor~~ daily for a period of 12 consecutive calendar months to determine the total logs of inactivation for each day of operation, based on the $CT_{99.9}$ values in Appendix B of this Part, as appropriate, through the entire treatment plant. The supplier must

have begun this monitoring not later than April 1, 2000. As a minimum, the supplier with a single point of disinfectant application prior to entrance to the distribution system must have conducted~~conduct~~ the monitoring in subsections (b)(2)(A) through (b)(2)(D) of this Section. A supplier with more than one point of disinfectant application must have conducted~~conduct~~ the monitoring in subsections (b)(2)(A) through (b)(2)(D) of this Section for each disinfection segment. The supplier must have monitored~~monitor~~ the parameters necessary to determine the total inactivation ratio, using analytical methods in Section 611.531, as follows:

A) The temperature of the disinfected water must have been~~be~~ measured once per day at each residual disinfectant concentration sampling point during peak hourly flow.

B) If the supplier uses chlorine, the pH of the disinfected water must have been~~be~~ measured once per day at each chlorine residual disinfectant concentration sampling point during peak hourly flow.

C) The disinfectant contact times ("T") must have been~~be~~ determined for each day during peak hourly flow.

D) The residual disinfectant concentrations ("C") of the water before or at the first customer and prior to each additional point of disinfection must have been~~be~~ measured each day during peak hourly flow.

3) In lieu of the monitoring conducted under the provisions of subsection (b)(2) of this Section to develop the disinfection profile, the supplier may have elected~~elect~~ to meet the requirements of subsection (b)(3)(A) of this Section. In addition to the monitoring conducted under the provisions of subsection (b)(2) of this Section to develop the disinfection profile, the supplier may have elected~~elect~~ to meet the requirements of subsection (b)(3)(B) of this Section.

A) A PWS supplier that had three years of existing operational data may have submitted that data, a profile generated using that data, and a request that the Agency approve use of that data in lieu of monitoring under the provisions of subsection (b)(2) of this Section not later than March 31, 2000. The Agency must have

determined~~determine~~ whether the operational data is substantially equivalent to data collected under the provisions of subsection (b)(2) of this Section. The data must also have been~~be~~ representative of Giardia lamblia inactivation through the entire treatment plant and not just of certain treatment segments. If the Agency determined~~determines~~ that the operational data was~~is~~ substantially equivalent, the Agency must have approved~~approve~~ the request. Until the Agency approved~~approves~~ this request, the system was~~is~~ required to conduct monitoring under the provisions of subsection (b)(2) of this Section.

B) In addition to the disinfection profile generated under subsection (b)(2) of this Section, a PWS supplier that had~~has~~ existing operational data may have used~~use~~ that data to develop a disinfection profile for additional years. The Agency must have determined~~determine~~ whether the operational data was~~is~~ substantially equivalent to data collected under the provisions of subsection (b)(2) of this Section. The data must also have been~~be~~ representative of inactivation through the entire treatment plant and not just of certain treatment segments. If the Agency determined~~determines~~ that the operational data was~~is~~ substantially equivalent, the~~such~~ systems may have used~~use~~ these additional yearly disinfection profiles to develop a benchmark under the provisions of subsection (c) of this Section.

4) The supplier must calculate the total inactivation ratio as follows:

A) If the supplier uses only one point of disinfectant application, the system may determine the total inactivation ratio for the disinfection segment based on either of the methods in subsection (b)(4)(A)(i) or (b)(4)(A)(ii) of this Section.

i) Determine one inactivation ratio ($CT_{calc}/CT_{99.9}$) before or at the first customer during peak hourly flow.

ii) Determine successive $CT_{calc}/CT_{99.9}$ values, representing sequential inactivation ratios, between the point of disinfectant application and a point before or at the first customer during peak hourly flow. Under this alternative,

the supplier must calculate the total inactivation ratio ($\sum (CT_{calc}/CT_{99.9})$) by determining $CT_{calc}/CT_{99.9}$ for each sequence and then adding the $CT_{calc}/CT_{99.9}$ values together to determine $\sum (CT_{calc}/CT_{99.9})$.

B) If the supplier uses more than one point of disinfectant application before the first customer, the system must determine the CT value of each disinfection segment immediately prior to the next point of disinfectant application, or for the final segment, before or at the first customer, during peak hourly flow. The ($CT_{calc}/CT_{99.9}$) value of each segment and ($\sum(CT_{calc}/CT_{99.9})$) must be calculated using the method in subsection (b)(4)(A) of this Section.

C) The supplier must determine the total logs of inactivation by multiplying the value calculated in subsection (b)(4)(A) or (b)(4)(B) of this Section by 3.0.

5) A supplier that uses either chloramines or ozone for primary disinfection must also calculate the logs of inactivation for viruses using a method approved by the Agency.

6) The supplier must retain disinfection profile data in graphic form, as a spreadsheet, or in some other format acceptable to the Agency for review as part of sanitary surveys conducted by the Agency.

c) Disinfection benchmarking.

1) Any supplier required to develop a disinfection profile under the provisions of subsections (a) and (b) of this Section and that decides to make a significant change to its disinfection practice must consult with the Agency prior to making such change. Significant changes to disinfection practice are the following:

A) Changes to the point of disinfection;

B) Changes to the disinfectants used in the treatment plant;

C) Changes to the disinfection process; and

D) Any other modification identified by the Agency.

2) Any supplier that is modifying its disinfection practice must calculate its disinfection benchmark using the procedure specified in subsections (c)(2)(A) and (c)(2)(B) of this Section.

A) For each year of profiling data collected and calculated under subsection (b) of this Section, the supplier must determine the lowest average monthly Giardia lamblia inactivation in each year of profiling data. The supplier must determine the average Giardia lamblia inactivation for each calendar month for each year of profiling data by dividing the sum of daily Giardia lamblia of inactivation by the number of values calculated for that month.

B) The disinfection benchmark is the lowest monthly average value (for systems with one year of profiling data) or average of lowest monthly average values (for systems with more than one year of profiling data) of the monthly logs of Giardia lamblia inactivation in each year of profiling data.

3) A supplier that uses either chloramines or ozone for primary disinfection must also calculate the disinfection benchmark for viruses using a method approved by the Agency.

4) The supplier must submit information in subsections (c)(4)(A) through (c)(4)(C) of this Section to the Agency as part of its consultation process.

A) A description of the proposed change;

B) The disinfection profile for Giardia lamblia (and, if necessary, viruses) under subsection (b) of this Section and benchmark as required by subsection (c)(2) of this Section; and

C) An analysis of how the proposed change will affect the current levels of disinfection.

BOARD NOTE: Derived from 40 CFR 141.172 (2014)~~(2003)~~.

(Source: Amended at 39 Ill. Reg. 3713, effective February 24, 2015)

SUBPART S: GROUNDWATER RULE

Section 611.802 Groundwater Source Microbial Monitoring and Analytical Methods

a) Triggered source water monitoring.

1) General requirements. A GWS supplier must conduct triggered source water monitoring if the conditions in either subsections (a)(1)(A) and (a)(1)(B) or (a)(1)(A) and (a)(1)(C) of this Section exist.

A) The supplier does not provide at least 4-log treatment of viruses (using inactivation, removal, or an Agency-approved combination of 4-log virus inactivation and removal) before or at the first customer for each groundwater source.

B) Until March 31, 2016, the supplier is notified that a sample collected pursuant to Section 611.521 is total coliform-positive, and the sample is not invalidated by the Agency pursuant to Section 611.523.

C) Beginning April 1, 2016, the system is notified that a sample collected under Sections 611.1054 through 611.1057 is total coliform-positive and the sample is not invalidated under Section 611.1053(c).

2) Sampling requirements. A GWS supplier must collect, within 24 hours after notification of the total coliform-positive sample, at least one groundwater source sample from each groundwater source in use at the time the total coliform-positive sample was collected pursuant to Section 611.521 until March 31, 2016, or collected pursuant to Sections 611.1054 through 611.1057 beginning April 1, 2016, except as provided in subsection (a)(2)(B) of this Section.

A) The Agency may, by a SEP issued pursuant to Section 611.110, extend the 24-hour time limit on a case-by-case basis if it determines that the supplier cannot collect the groundwater source water sample within 24 hours due to circumstances beyond the supplier's control. In the case of an extension, the Agency must specify how much time the supplier has to collect the sample.

B) If approved by the Agency, a supplier with more than one groundwater source may meet the requirements of this subsection (a)(2) by sampling a representative groundwater source or sources. If directed by the Agency by a SEP issued pursuant to Section 611.110, the supplier must submit for Agency approval a triggered source water monitoring plan that identifies one or more groundwater sources that are representative of each monitoring site in the system's sample siting plan pursuant to Section 611.521 and that the system intends to use for representative sampling pursuant to this subsection (a).

C) Until March 31, 2016, a GWS supplier that serves 1,000 or fewer people may use a repeat sample collected from a groundwater source to meet both the requirements of Section 611.522 and to satisfy the monitoring requirements of subsection (a)(2) of this Section for that groundwater source only if the Agency approves the use of E. coli as a fecal indicator for source water monitoring pursuant to this subsection (a) by a SEP issued pursuant to Section 611.110. If the repeat sample collected from the groundwater source is E.coli positive, the system must comply with subsection (a)(3) of this Section.

D) Beginning April 1, 2016, a GWS supplier that serves 1,000 or fewer people may use a repeat sample collected from a groundwater source to meet both the requirements of Subpart AA of this Part and to satisfy the monitoring requirements of subsection (a)(2) of this Section for that groundwater source only if the Agency, by a SEP issued pursuant to Section 611.110, approves the use of E. coli as a fecal indicator for source water monitoring pursuant to this subsection (a) and approves the use of a single sample for meeting both the triggered source water monitoring requirements in this subsection (a) and the repeat monitoring requirements in Section 611.1058. If the repeat sample collected from the groundwater source is E. coli-positive, the system must comply with subsection (a)(3) of this Section.

3) Additional requirements. If the Agency does not require corrective action pursuant to Section 611.803(a)(2) for a fecal indicator-positive source water sample collected pursuant to subsection (a)(2) of this Section that is

not invalidated pursuant to subsection (d) of this Section, the system must collect five additional source water samples from the same source within 24 hours after being notified of the fecal indicator-positive sample.

4) Consecutive and wholesale systems.

A) In addition to the other requirements of this subsection (a), a consecutive GWS supplier that has a total coliform-positive sample collected pursuant to Section 611.521 until March 31, 2016, or pursuant to Sections 611.1054 through 611.1057 beginning April 1, 2016, must notify the wholesale systems within 24 hours after being notified of the total coliform-positive sample.

B) In addition to the other requirements of this subsection (a), a wholesale GWS supplier must comply with the following requirements:

i) A wholesale GWS supplier that receives notice from a consecutive system it serves that a sample collected pursuant to Section 611.521 until March 31, 2016, or collected pursuant to Sections 611.1054 through 611.1057 beginning April 1, 2016, is total coliform-positive must, within 24 hours after being notified, collect a sample from its groundwater sources pursuant to subsection (a)(2) of this Section and analyze it for a fecal indicator pursuant to subsection (c) of this Section.

ii) If the sample collected pursuant to subsection (a)(4)(B)(i) of this section is fecal indicator-positive, the wholesale GWS supplier must notify all consecutive systems served by that groundwater source of the fecal indicator source water positive within 24 hours of being notified of the groundwater source sample monitoring result and must meet the requirements of subsection (a)(3) of this Section.

5) Exceptions to the triggered source water monitoring requirements. A GWS supplier is not required to comply with the source water monitoring requirements of subsection (a) of this Section if either of the following conditions exists:

A) The Agency determines, and documents in writing, by a SEP issued pursuant to Section 611.110, that the total coliform-positive sample collected pursuant to Section 611.521 until March 31, 2016, or collected pursuant to Sections 611.1054 through 611.1057 beginning April 1, 2016, is caused by a distribution system deficiency; or

B) The total coliform-positive sample collected pursuant to Section 611.521 until March 31, 2016, or collected pursuant to Sections 611.1054 through 611.1057 beginning April 1, 2016, is collected at a location that meets Agency criteria for distribution system conditions that will cause total coliform-positive samples.

b) Assessment source water monitoring. If directed by the Agency by a SEP issued pursuant to Section 611.110, a GWS supplier must conduct assessment source water monitoring that meets Agency-determined requirements for such monitoring. A GWS supplier conducting assessment source water monitoring may use a triggered source water sample collected pursuant to subsection (a)(2) of this Section to meet the requirements of subsection (b) of this Section. Agency-determined assessment source water monitoring requirements may include the following:

1) Collection of a total of 12 groundwater source samples that represent each month the system provides groundwater to the public;

2) Collection of samples from each well, unless the system obtains written Agency approval to conduct monitoring at one or more wells within the GWS that are representative of multiple wells used by that system and which draw water from the same hydrogeologic setting;

3) Collection of a standard sample volume of at least 100 mℓ for fecal indicator analysis, regardless of the fecal indicator or analytical method used;

4) Analysis of all groundwater source samples using one of the analytical methods listed in subsection (c)(2) of this Section for the presence of E. coli, enterococci, or coliphage;

5) Collection of groundwater source samples at a location prior to any treatment of the groundwater source unless the Agency approves a sampling location after treatment; and

6) Collection of groundwater source samples at the well itself, unless the system's configuration does not allow for sampling at the well itself and the Agency approves an alternate sampling location by a SEP issued pursuant to Section 611.110 that is representative of the water quality of that well.

c) Analytical methods.

1) A GWS supplier subject to the source water monitoring requirements of subsection (a) of this Section must collect a standard sample volume of at least 100 mℓ for fecal indicator analysis, regardless of the fecal indicator or analytical method used.

2) A GWS supplier must analyze all groundwater source samples collected pursuant to subsection (a) of this Section using one of the analytical methods listed in subsections (c)(2)(A) through (c)(2)(C) of this Section, each incorporated by reference in Section 611.102, or alternative methods approved by the Agency pursuant to Section 611.480, subject to the limitations of subsection (c)(2)(D) of this Section, for the presence of E. coli, enterococci, or coliphage:

A) E. coli:

i) ~~Autoanalysis~~ Colilert® Test ~~System~~, Standard Methods, 20th, 21st, or 22nd ed., Method 9223 B.

ii) Colisure™ Test, Standard Methods, 20th, 21st , or 22nd ed., Method 9223 B.

iii) Membrane Filter Method with MI Agar, USEPA Method 1604.

iv) m-ColiBlue24 Test.

v) E*Colite Test.

vi) EC-MUG, Standard Methods, 20th or 22nd ed., Method 9221 F.

vii) NA-MUG, Standard Methods, 20th ed., Method 9222 G.

viii) Colilert-18® Test, Standard Methods, 20th, 21st, or 22nd ed., Method 9223 B.

ix) Readycult® 2007.

x) Modified Colitag™ Method.

xi) Chromomcult® Method.

xii) Tecta EC/TC P-A Test.

BOARD NOTE: EC-MUG (Standard Methods, Method 9221F) or NA-MUG (Standard Methods, Method 9222G) can be used for E. coli testing step, as described in Section 611.526(f)(1) or (f)(2) after use of Standard Methods, 18th, 19th, 20th , or 21st ed., Method 9221 B, 9221 D, 9222 B, or 9222 C. USEPA added Standard Methods, 21st ed., Method 9223 B as an approved alternative method for E. coli on June 3, 2008 (at 73 Fed. Reg. 31616). USEPA added Readycult® 2007, Modified Colitag™ Method, and Chromocult® Method as approved alternative methods for E. coli on June 8, 2010 (at 75 Fed. Reg. 32295). USEPA added Standard Methods, 22nd ed., Methods 9221 F and 9223 B as approved alternative methods for E. coli in appendix A to subpart C of 40 CFR 141 on May 31, 2013 (at 78 Fed. Reg. 32558). USEPA added Standard Methods Online, Method 9221 F-06 and 9223 B-04 and Tecta EC/TC P-A Test as approved alternative methods for E. coli in appendix A to subpart C of 40 CFR 141 on June 19, 2014 (at 79 Fed. Reg. 35081). Because Standard Methods, 22nd ed., Methods 9223 B and 9221 F are the same versions as Standard Methods Online, Methods 9223 B-04 and 9221 F-06, the Board has not listed the Standard Methods Online versions separately.

B) Enterococci:

i) Multiple-Tube Technique, Standard Methods, 20th ed., Method 9230 B or Standard Methods Online, Method 9230 B-04.

ii) Membrane Filter Technique, Standard Methods, 20th ed., Method 9230 C, and USEPA Method 1600.

BOARD NOTE: The holding time and temperature for groundwater samples are specified in subsection (c)(2)(D) of this Section, rather than as specified in Section 8 of USEPA Method 1600.

iii) Enterolert.

BOARD NOTE: Medium is available through IDEXX Laboratories, Inc., at the address set forth in Section 611.102(b). Preparation and use of the medium must be as set forth in the article that embodies the method as incorporated by reference in Section 611.102(b).

BOARD NOTE: USEPA added Standard Methods Online, Method 9230 B-04 as an approved alternative method for enterococci on June 3, 2008 (at 73 Fed. Reg. 31616).

C) Coliphage:

i) Two-Step Enrichment Presence-Absence Procedure, USEPA Method 1601 or Charm Fast Phage.

ii) Single Agar Layer Procedure, USEPA Method 1602.

D) Limitation on methods use. The time from sample collection to initiation of analysis may not exceed 30 hours. The GWS supplier is encouraged but is not required to hold samples below 10°C during transit.

d) Invalidation of a fecal indicator-positive groundwater source sample.

1) A GWS supplier may obtain Agency invalidation of a fecal indicator-positive groundwater source sample collected pursuant to subsection (a) of this Section only under either of the following conditions:

A) The supplier provides the Agency with written notice from the laboratory that improper sample analysis occurred; or

B) The Agency determines and documents in writing by a SEP issued pursuant to Section 611.110 that there is substantial evidence that a fecal indicator-positive groundwater source sample is not related to source water quality.

2) If the Agency invalidates a fecal indicator-positive groundwater source sample, the GWS supplier must collect another source water sample pursuant to subsection (a) of this Section within 24 hours after being notified by the Agency of its invalidation decision, and the supplier must have it analyzed for the same fecal indicator using the analytical methods in subsection (c) of this Section. The Agency may extend the 24-hour time limit on a case-by-case basis if the supplier cannot collect the source water sample within 24 hours due to circumstances beyond its control. In the case of an extension, the Agency must specify how much time the system has to collect the sample.

e) Sampling location.

1) Any groundwater source sample required pursuant to subsection (a) of this Section must be collected at a location prior to any treatment of the groundwater source unless the Agency approves a sampling location after treatment.

2) If the supplier's system configuration does not allow for sampling at the well itself, it may collect a sample at an Agency-approved location to meet the requirements of subsection (a) of this Section if the sample is representative of the water quality of that well.

f) New sources. If directed by the Agency by a SEP issued pursuant to Section 611.110, a GWS supplier that places a new groundwater source into service after November 30, 2009 must conduct assessment source water monitoring pursuant

to subsection (b) of this Section. If directed by the SEP, the system must begin monitoring before the groundwater source is used to provide water to the public.

g) Public Notification. A GWS supplier with a groundwater source sample collected pursuant to subsection (a) or (b) of this Section that is fecal indicator-positive and which is not invalidated pursuant to subsection (d) of this Section, including a consecutive system supplier served by the groundwater source, must conduct public notification pursuant to Section 611.902.

h) Monitoring Violations. A failure to meet the requirements of subsections (a) through (f) of this Section is a monitoring violation that requires the GWS supplier to provide public notification pursuant to Section 611.904.

BOARD NOTE: Derived from 40 CFR 141.402 and appendix A to subpart C of 40 CFR 141 (2014)~~(2013)~~.

(Source: Amended at 39 Ill. Reg. 3713, effective February 24, 2015)

SUBPART U: CONSUMER CONFIDENCE REPORTS

Section 611.883 Content of the Reports

a) Each CWS must provide to its customers an annual report that contains the information specified in this Section and Section 611.884.

b) Information on the source of the water delivered.

1) Each report must identify the sources of the water delivered by the CWS by providing information on the following:

A) The type of the water (e.g., surface water, groundwater); and

B) The commonly used name (if any) and location of the body (or bodies) of water.

2) If a source water assessment has been completed, the report must notify consumers of the availability of this information and the means to obtain it. In addition, systems are encouraged to highlight in the report significant sources of contamination in the source water area if they have readily

available information. Where a system has received a source water assessment from the Agency, the report must include a brief summary of the system's susceptibility to potential sources of contamination, using language provided by the Agency or written by the supplier .

c) Definitions.

1) Each report must include the following definitions:

A) Maximum Contaminant Level Goal or MCLG: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

BOARD NOTE: Although an MCLG is not an NPDWR that the Board must include in the Illinois SDWA regulations, the use of this definition is mandatory where the term "MCLG" is defined.

B) Maximum Contaminant Level or MCL: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

2) A report for a CWS operating under relief from an NPDWR issued under Section 611.111, 611.112, 611.130, or 611.131 must include the following definition: "Variances, Adjusted Standards, and Site-specific Rules: State permission not to meet an MCL or a treatment technique under certain conditions."

3) A report that contains data on contaminants that USEPA regulates using any of the following terms must include the applicable definitions:

A) Treatment technique: A required process intended to reduce the level of a contaminant in drinking water.

B) Action level: The concentration of a contaminant that, if exceeded, triggers treatment or other requirements that a water system must follow.

C) Maximum residual disinfectant level goal or MRDLG: The level of a drinking water disinfectant below which there is no known or

expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

BOARD NOTE: Although an MRDLG is not an NPDWR that the Board must include in the Illinois SDWA regulations, the use of this definition is mandatory where the term "MRDLG" is defined.

D) Maximum residual disinfectant level or MRDL: The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

4) A report that contains information regarding a Level 1 or Level 2 assessment required under Subpart AA of this Part must include the applicable of the following definitions:

A) "Level 1 assessment: A Level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system."

B) "Level 2 assessment: A Level 2 assessment is a very detailed study of the water system to identify potential problems and determine (if possible) why an E. coli MCL violation has occurred or why total coliform bacteria have been found in our water system on multiple occasions."

d) Information on detected contaminants.

1) This subsection (d) specifies the requirements for information to be included in each report for contaminants subject to mandatory monitoring (except Cryptosporidium). It applies to the following:

A) Contaminants subject to an MCL, action level, MRDL, or treatment technique (regulated contaminants);

B) Contaminants for which monitoring is required by USEPA pursuant to 40 CFR 141.40~~Section 611.510~~ (unregulated contaminants); and

C) Disinfection byproducts or microbial contaminants for which monitoring is required by Section 611.382 and Subpart L of this Part, except as provided under subsection (e)(1) of this Section, and which are detected in the finished water.

2) The data relating to these contaminants must be displayed in one table or in several adjacent tables. Any additional monitoring results that a CWS chooses to include in its report must be displayed separately.

3) The data must have been derived from data collected to comply with monitoring and analytical requirements during calendar year 1998 for the first report and must be derived from the data collected in subsequent calendar years , except that the following requirements also apply:

A) Where a system is allowed to monitor for regulated contaminants less often than once a year, the tables must include the date and results of the most recent sampling, and the report must include a brief statement indicating that the data presented in the report is from the most recent testing done in accordance with the regulations. No data older than five years need be included.

B) Results of monitoring in compliance with Section 611.382 and Subpart L need only be included for five years from the date of last sample or until any of the detected contaminants becomes regulated and subject to routine monitoring requirements, whichever comes first.

4) For detected regulated contaminants (listed in Appendix A of this Part), the tables must contain the following:

A) The MCL for that contaminant expressed as a number equal to or greater than 1.0 (as provided in Appendix A of this Part);

B) The federal Maximum Contaminant Level Goal (MCLG) for that contaminant expressed in the same units as the MCL;

C) If there is no MCL for a detected contaminant, the table must indicate that there is a treatment technique, or specify the action level, applicable to that contaminant, and the report must include

the definitions for treatment technique or action level, as appropriate, specified in subsection (c)(3) of this Section;

D) For contaminants subject to an MCL, except turbidity, total coliforms, fecal coliforms, and E. coli, the highest contaminant level used to determine compliance with an NPDWR, and the range of detected levels, as follows:

i) When compliance with the MCL is determined annually or less frequently: the highest detected level at any sampling point and the range of detected levels expressed in the same units as the MCL.

ii) When compliance with the MCL is determined by calculating a running annual average of all samples taken at a monitoring location: the highest average of any of the monitoring locations and the range of all monitoring locations expressed in the same units as the MCL. For the MCLs for TTHM and HAA5 in Section 611.312(b)(2), the supplier must include the highest locational running annual average for TTHM and HAA5 and the range of individual sample results for all monitoring locations expressed in the same units as the MCL. If results from more than one location exceed the TTHM or HAA5 MCL, the supplier must include the locational running annual average for each location whose results exceed the MCL.

iii) When compliance with the MCL is determined on a system-wide basis by calculating a running annual average of all samples at all monitoring locations: the average and range of detection expressed in the same units as the MCL. The supplier is required to include individual sample results for the IDSE conducted under Subpart W of this Part when determining the range of TTHM and HAA5 results to be reported in the annual consumer confidence report for the calendar year that the IDSE samples were taken.

BOARD NOTE to subsection (d)(4)(D): When rounding of results to determine compliance with the MCL is allowed by the

regulations, rounding should be done prior to multiplying the results by the factor listed in Appendix A of this Part; derived from 40 CFR 153 (2014)~~(2013)~~.

E) For turbidity the following:

i) When it is reported pursuant to Section 611.560: the highest average monthly value.

ii) When it is reported pursuant to the requirements of Section 611.211(b): the highest monthly value. The report must include an explanation of the reasons for measuring turbidity.

iii) When it is reported pursuant to Section 611.250, 611.743, or 611.955(b): the highest single measurement and the lowest monthly percentage of samples meeting the turbidity limits specified in Section 611.250, 611.743, or 611.955(b) for the filtration technology being used. The report must include an explanation of the reasons for measuring turbidity;

F) For lead and copper the following: the 90th percentile value of the most recent round of sampling and the number of sampling sites exceeding the action level;

G) For total coliform analytical results until March 31, 2016, the following:

i) The highest monthly number of positive samples for systems collecting fewer than 40 samples per month; or

ii) The highest monthly percentage of positive samples for systems collecting at least 40 samples per month;

H) For fecal coliform and E. coli until March 31, 2016, the following: the total number of positive samples;

I) The likely sources of detected contaminants to the best of the

supplier's knowledge. Specific information regarding contaminants may be available in sanitary surveys and source water assessments, and must be used when available to the supplier. If the supplier lacks specific information on the likely source, the report must include one or more of the typical sources for that contaminant listed in Appendix G of this Part that are most applicable to the CWS; and

J) For E. coli analytical results under Subpart AA of this Part, the total number of positive samples.

5) If a CWS distributes water to its customers from multiple hydraulically independent distribution systems that are fed by different raw water sources, the table must contain a separate column for each service area and the report must identify each separate distribution system. Alternatively, a CWS may produce separate reports tailored to include data for each service area.

6) The tables must clearly identify any data indicating violations of MCLs, MRDLs, or treatment techniques, and the report must contain a clear and readily understandable explanation of the violation including the following: the length of the violation, the potential adverse health effects, and actions taken by the CWS to address the violation. To describe the potential health effects, the CWS must use the relevant language of Appendix A of this Part.

7) For detected unregulated contaminants for which monitoring is required by USEPA pursuant to 40 CFR 141.40 (except Cryptosporidium), the tables must contain the average and range at which the contaminant was detected. The report may include a brief explanation of the reasons for monitoring for unregulated contaminants.

e) Information on Cryptosporidium, radon, and other contaminants as follows:

1) If the CWS has performed any monitoring for Cryptosporidium, including monitoring performed to satisfy the requirements of Subpart L of this Part, that indicates that Cryptosporidium may be present in the source water or the finished water, the report must include the following:

A) A summary of the results of the monitoring; and

B) An explanation of the significance of the results.

2) If the CWS has performed any monitoring for radon that indicates that radon may be present in the finished water, the report must include the following:

A) The results of the monitoring; and

B) An explanation of the significance of the results.

3) If the CWS has performed additional monitoring that indicates the presence of other contaminants in the finished water, the report must include the following:

A) The results of the monitoring; and

B) An explanation of the significance of the results noting the existence of any health advisory or proposed regulation.

f) Compliance with an NPDWR. In addition to the requirements of subsection (d)(6) of this Section, the report must note any violation that occurred during the year covered by the report of a requirement listed below, and include a clear and readily understandable explanation of the violation, any potential adverse health effects, and the steps the CWS has taken to correct the violation.

1) Monitoring and reporting of compliance data.

2) Filtration and disinfection prescribed by Subpart B of this Part. For CWSs that have failed to install adequate filtration or disinfection equipment or processes, or have had a failure of such equipment or processes that constitutes a violation, the report must include the following language as part of the explanation of potential adverse health effects: Inadequately treated water may contain disease-causing organisms. These organisms include bacteria, viruses, and parasites that can cause symptoms such as nausea, cramps, diarrhea, and associated headaches.

3) Lead and copper control requirements prescribed by Subpart G of this

Part. For systems that fail to take one or more actions prescribed by Section 611.350(d), 611.351, 611.352, 611.353, or 611.354, the report must include the applicable language of Appendix A of this Part for lead, copper, or both.

4) Treatment techniques for acrylamide and epichlorohydrin prescribed by Section 611.296. For systems that violate the requirements of Section 611.296, the report must include the relevant language from Appendix A of this Part.

5) Recordkeeping of compliance data.

6) Special monitoring requirements prescribed by Sections 611.510 and 611.630.

7) Violation of the terms of a variance, adjusted standard, site-specific rule, or administrative or judicial order.

g) Variances, adjusted standards, and site-specific rules. If a system is operating under the terms of a variance, adjusted standard, or site-specific rule issued under Section 611.111, 611.112, or 611.131, the report must contain the following:

1) An explanation of the reasons for the variance, adjusted standard, or site-specific rule;

2) The date on which the variance, adjusted standard, or site-specific rule was issued;

3) A brief status report on the steps the CWS is taking to install treatment, find alternative sources of water, or otherwise comply with the terms and schedules of the variance, adjusted standard, or site-specific rule; and

4) A notice of any opportunity for public input in the review, or renewal, of the variance, adjusted standard, or site-specific rule.

h) Additional information.

1) The report must contain a brief explanation regarding contaminants that may reasonably be expected to be found in drinking water, including

bottled water. This explanation may include the language of subsections (h)(1)(A) through (h)(1)(C) of this Section or CWSs may use their own comparable language. The report also must include the language of subsection (h)(1)(D) of this Section.

A) The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

B) Contaminants that may be present in source water include the following:

i) Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife;

ii) Inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming;

iii) Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses;

iv) Organic chemical contaminants, including synthetic and volatile organic chemicals, which are byproducts of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems; and

v) Radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities.

C) In order to ensure that tap water is safe to drink, USEPA prescribes

regulations that limit the amount of certain contaminants in water provided by public water systems. United States Food and Drug Administration (USFDA) regulations establish limits for contaminants in bottled water that must provide the same protection for public health.

D) Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the USEPA Safe Drinking Water Hotline (800-426-4791).

2) The report must include the telephone number of the owner, operator, or designee of the CWS as a source of additional information concerning the report.

3) In communities with a large proportion of non-English speaking residents, as determined by the Agency, the report must contain information in the appropriate languages regarding the importance of the report or contain a telephone number or address where such residents may contact the system to obtain a translated copy of the report or assistance in the appropriate language.

4) The report must include information about opportunities for public participation in decisions that may affect the quality of the water.

5) The CWS may include such additional information as it deems necessary for public education consistent with, and not detracting from, the purpose of the report.

6) Suppliers required to comply with Subpart S of this Part.

A) Any GWS supplier that receives written notice from the Agency of a significant deficiency or which receives notice from a laboratory of a fecal indicator-positive groundwater source sample that is not invalidated by the Agency pursuant to Section 611.802(d) must inform its customers of any significant deficiency that is uncorrected at the time of the next report or of any fecal indicator-

positive groundwater source sample in the next report. The supplier must continue to inform the public annually until the Agency, by a SEP issued pursuant to Section 611.110, determines that particular significant deficiency is corrected or the fecal contamination in the groundwater source is addressed pursuant to Section 611.803(a). Each report must include the following information:

i) The nature of the particular significant deficiency or the source of the fecal contamination (if the source is known) and the date the significant deficiency was identified by the Agency or the dates of the fecal indicator-positive groundwater source samples;

ii) Whether or not the fecal contamination in the groundwater source has been addressed pursuant to Section 611.803(a) and the date of such action;

iii) For each significant deficiency or fecal contamination in the groundwater source that has not been addressed pursuant to Section 611.803(a), the Agency-approved plan and schedule for correction, including interim measures, progress to date, and any interim measures completed; and

iv) If the system receives notice of a fecal indicator-positive groundwater source sample that is not invalidated by the Agency pursuant to Section 611.802(d), the potential health effects using the health effects language of Appendix A of this Part.

B) If directed by the Agency by a SEP issued pursuant to Section 611.110, a supplier with significant deficiencies that have been corrected before the next report is issued must inform its customers of the significant deficiency, how the deficiency was corrected, and the date of correction pursuant to subsection (h)(6)(A) of this Section.

7) Suppliers required to comply with Subpart AA of this Part.

A) Any supplier required to comply with the Level 1 assessment requirement or a Level 2 assessment requirement that is not due to an E. coli MCL violation must include in the report the text found in subsections (h)(7)(A)(i) and (h)(7)(A)(ii) or (h)(7)(A)(i) and (h)(7)(A)(iii) of this Section, as appropriate, filling in the blanks accordingly and the text found in subsection (h)(7)(A)(iv) of this Section, if appropriate.

i) "Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, waterborne pathogens may be present or that a potential pathway exists through which contamination may enter the drinking water distribution system. We found coliforms indicating the need to look for potential problems in water treatment or distribution. When this occurs, we are required to conduct assessment(s) to identify problems and to correct any problems that were found during these assessments."

ii) "During the past year we were required to conduct [insert number of Level~~level~~ 1 assessments] Level 1 assessment(s). [insert number of Level~~level~~ 1 assessments] Level 1 assessment(s) were completed. In addition, we were required to take [insert number of corrective actions] corrective actions and we completed [insert number of corrective actions] of these actions."

iii) "During the past year [insert number of Level 2 assessments] Level 2 assessments were required to be completed for our water system. [insert number of Level 2 assessments] Level 2 assessments were completed. In addition, we were required to take [insert number of corrective actions] corrective actions and we completed [insert number of corrective actions] of these actions."

iv) Any supplier that has failed to complete all the required assessments or correct all identified sanitary defects, is in violation of the treatment technique requirement and must also include one or both of the following statements, as

appropriate: "During the past year we failed to conduct all of the required assessment(s)." or "During the past year we failed to correct all identified defects that were found during the assessment."

B) Any supplier required to conduct a Level 2 assessment due to an E. coli MCL violation must include in the report the text found in subsections (h)(7)(B)(i) and (h)(7)(B)(ii) of this Section, filling in the blanks accordingly and the appropriate alternative text found in subsection (h)(7)(B)(ii) of this Section, if appropriate.

i) "E. coli are bacteria whose presence indicates that the water may be contaminated with human or animal wastes. Human pathogens in these wastes can cause short-term effects, such as diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a greater health risk for infants, young children, the elderly, and people with severely compromised immune systems. We found *E. coli* bacteria, indicating the need to look for potential problems in water treatment or distribution. When this occurs, we are required to conduct assessment(s) to identify problems and to correct any problems that were found during these assessments."

ii) "We were required to complete a Level 2 assessment because we found E. coli in our water system. In addition, we were required to take [insert number of corrective actions] corrective actions and we completed [insert number of corrective actions] of these actions."

iii) Any supplier that has failed to complete the required assessment or correct all identified sanitary defects, is in violation of the treatment technique requirement and must also include one or both of the following statements, as appropriate: "We failed to conduct the required assessment." or "We failed to correct all sanitary defects that were identified during the assessment that we conducted."

C) If a supplier detects E. coli and has violated the E. coli MCL, in addition to completing the table, as required in subsection (d)(4) of this Section, the supplier must include one or more of the following statements to describe any noncompliance, as applicable:

i) "We had an E. coli-positive repeat sample following a total coliform-positive routine sample."

ii) "We had a total coliform-positive repeat sample following an E. coli-positive routine sample."

iii) "We failed to take all required repeat samples following an E. coli-positive routine sample."

iv) "We failed to test for E. coli when any repeat sample tested positive for total coliform."

D) If a supplier detects E. coli and has not violated the E. coli MCL, in addition to completing the table as required in subsection (d)(4) of this Section, the supplier may include a statement that explains that although it has~~, they have~~ detected E. coli, the supplier is~~they are~~ not in violation of the E. coli MCL.

BOARD NOTE: Derived from 40 CFR 141.153 (2014)~~(2013)~~.

(Source: Amended at 39 Ill. Reg. 3713, effective February 24, 2015)

Section 611.884 Required Additional Health Information

a) All reports must prominently display the following language: "Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. USEPA or Centers for Disease Control and Prevention guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the USEPA Safe Drinking Water Hotline (800-426-4791)."

b) A supplier that detects arsenic above 0.005 mg/ℓ and up to and including 0.010 mg/ℓ must do the following:

1) The supplier must include in its report a short informational statement about arsenic, using the following language: "While your drinking water meets USEPA's standard for arsenic, it does contain low levels of arsenic. USEPA's standard balances the current understanding of arsenic's possible health effects against the costs of removing arsenic from drinking water. USEPA continues to research the health effects of low levels of arsenic, which is a naturally-occurring mineral known to cause cancer in humans at high concentrations and is linked to other health effects such as skin damage and circulatory problems."; or

2) The supplier may write its own educational statement, but only in consultation with the Agency.

c) A supplier that detects nitrate at levels above 5 mg/ℓ, but below the MCL, must do the following:

1) The supplier must include a short informational statement about the impacts of nitrate on children, using the following language: "Nitrate in drinking water at levels above 10 ppm is a health risk for infants of less than six months of age. High nitrate levels in drinking water can cause blue baby syndrome. Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. If you are caring for an infant you should ask advice from your health care provider"; or

2) The CWS supplier may write its own educational statement, but only in consultation with the Agency.

d) Every report must include the following lead-specific information:

1) A short informational statement about lead in drinking water and its effects on children. The statement must include the following information:

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children.

Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. [NAME OF SUPPLIER] is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to two minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead.

2) A supplier may write its own educational statement, but only in consultation with the Agency.

e) A CWS supplier that detects TTHM above 0.080 mg/ℓ, but below the MCL in Section 611.312, as an annual average, monitored and calculated under the provisions of former Section 611.680, must include the health effects language prescribed by Appendix A of this Part.

BOARD NOTE: Former Section 611.680 originally derived from 40 CFR 141.30(a) and (b). USEPA removed 40 CFR 141.30 in its entirety in 2006. The Board repealed former Section 611.680 in 2012. The references to former Section 611.680 in this subsection (e) relate to use of existing monitoring data collected under those provisions as they existed before their repeal.

BOARD NOTE: Derived from 40 CFR 141.154 (2014)~~(2012)~~.

(Source: Amended at 39 Ill. Reg. 3713, effective February 24, 2015)

SUBPART V: PUBLIC NOTIFICATION OF DRINKING WATER VIOLATIONS

Section 611.901 General Public Notification Requirements

The requirements of this Subpart V replace former notice requirements.

a) Who must give public notice. Each owner or operator of a public water system (a CWS, an NTNCWS, or a transient non-CWS) must give notice for all violations

of an NPDWR and for other situations, as listed in this subsection (a). The term "NPDWR violation" is used in this Subpart V to include violations of an MCL, an MRDL, a treatment technique, monitoring requirements, or a testing procedure set forth in this Part. Appendix G to this Part identifies the tier assignment for each specific violation or situation requiring a public notice.

1) NPDWR violations.

A) A failure to comply with an applicable MCL or MRDL.

B) A failure to comply with a prescribed treatment technique.

C) A failure to perform water quality monitoring, as required by this Part.

D) A failure to comply with testing procedures as prescribed by this Part.

2) Relief equivalent to a variance and exemptions under sections 1415 and 1416 of SDWA.

A) Operation under relief equivalent to a SDWA section 1415 variance, under Section 611.111, or a SDWA section 1416 exemption, under Section 611.112.

B) A failure to comply with the requirements of any schedule that has been set under relief equivalent to a SDWA section 1415 variance, under Section 611.111, or a SDWA section 1415 exemption, under Section 611.112.

3) Special public notices.

A) The occurrence of a waterborne disease outbreak or other waterborne emergency.

B) An exceedence of the nitrate MCL by a non-CWS, where granted permission by the Agency under Section 611.300(d).

C) An exceedence of the secondary fluoride standard of Section

611.858.

D) The availability of unregulated contaminant monitoring data collected as required by USEPA pursuant to 40 CFR 141.40.

E) Other violations and situations determined by the Agency by a SEP issued pursuant to Section 611.110 to require a public notice under this Subpart V, not already listed in Appendix G of this Part.

b) The type of public notice required for each violation or situation. The public notice requirements of this Subpart V are divided into three tiers, to take into account the seriousness of the violation or situation and of any potential adverse health effects that may be involved. The public notice requirements for each violation or situation listed in subsection (a) of this Section are determined by the tier to which it is assigned. This subsection (b) provides the definition of each tier. Appendix G of this Part identifies the tier assignment for each specific violation or situation.

1) Tier 1 public notice: required for NPDWR violations and situations with significant potential to have serious adverse effects on human health as a result of short-term exposure.

2) Tier 2 public notice: required for all other NPDWR violations and situations with potential to have serious adverse effects on human health.

3) Tier 3 public notice: required for all other NPDWR violations and situations not included in Tier 1 and Tier 2.

c) Who must receive notice.

1) Each PWS supplier must provide public notice to persons served by the water supplier, in accordance with this Subpart V. A PWS supplier that sells or otherwise provides drinking water to another PWS supplier (i.e., to a consecutive system) is required to give public notice to the owner or operator of the consecutive system; the consecutive system supplier is responsible for providing public notice to the persons it serves.

2) If a PWS supplier has a violation in a portion of the distribution system that is physically or hydraulically isolated from other parts of the

distribution system, the Agency may allow the system to limit distribution of the public notice to only persons served by that portion of the system that is out of compliance. Permission by the Agency for limiting distribution of the notice must be granted in writing, by a SEP issued pursuant to Section 611.110.

3) A copy of the notice must also be sent to the Agency, in accordance with the requirements under Section 611.840(d).

BOARD NOTE: Derived from 40 CFR 141.201 (2014)~~(2013)~~.

(Source: Amended at 39 Ill. Reg. 3713, effective February 24, 2015)

Section 611.907 Special Notice of the Availability of Unregulated Contaminant Monitoring Results

a) When to give special notice. The owner or operator of a CWS supplier or an NTNCWS supplier required to monitor for unregulated contaminants by USEPA pursuant to 40 CFR 141.40~~under Section 611.510~~ must notify persons served by the supplier of the availability of the results of such sampling no later than 12 months after the monitoring results are known.

b) The form and manner of a special notice. The form and manner of the public notice must follow the requirements for a Tier 3 public notice prescribed in Sections 611.904(c), (d)(1), and (d)(3). The notice must also identify a person and provide the telephone number to contact for information on the monitoring results.

BOARD NOTE: Derived from 40 CFR 141.207 (2014)~~(2002)~~.

(Source: Amended at 39 Ill. Reg. 3713, effective February 24, 2015)

SUBPART X: ENHANCED FILTRATION AND DISINFECTION – SYSTEMS SERVING FEWER THAN 10,000 PEOPLE

Section 611.953 Disinfection Profile

a) Applicability. A disinfection profile is a graphical representation of a system's level of Giardia lamblia or virus inactivation measured during the course of a

year. A Subpart B community or non-transient non-community water system that serves fewer than 10,000 persons must develop a disinfection profile unless the Agency, by a SEP issued pursuant to Section 611.110, determines that a profile is unnecessary. The Agency may approve the use of a more representative data set for disinfection profiling than the data set required under subsections (c) through (g) of this Section.

b) Determination that a disinfection profile is not necessary. The Agency may only determine that a disinfection profile is not necessary if the system's TTHM and HAA5 levels are below 0.064 mg/ℓ and 0.048 mg/ℓ, respectively. To determine these levels, TTHM and HAA5 samples must have been collected after January 1, 1998, during the month with the warmest water temperature, and at the point of maximum residence time in the distribution system. The Agency may, by a SEP issued pursuant to Section 611.110, approve the use of a different data set to determine these levels if it determines that the data set is representative TTHM and HAA5 data.

c) Development of a disinfection profile. A disinfection profile consists of the following three steps:

1) First, the supplier must collect data for several parameters from the plant, as discussed in subsection (d) of this Section, over the course of 12 months. If the supplier serves between 500 and 9,999 persons it must have begun to collect data no later than July 1, 2003. If the supplier serves fewer than 500 persons, it must begin to collect data no later than January 1, 2004.

2) Second, the supplier must use this data to calculate weekly log inactivation as discussed in subsections (e) and (f) of this Section; and

3) Third, the supplier must use these weekly log inactivations to develop a disinfection profile as specified in subsection (g) of this Section.

d) Data required for a disinfection profile. A supplier must monitor the following parameters to determine the total log inactivation using the analytical methods in Section 611.531~~611.231~~, once per week on the same calendar day, over 12 consecutive months:

1) The temperature of the disinfected water at each residual disinfectant concentration sampling point during peak hourly flow;

2) If a supplier uses chlorine, the pH of the disinfected water at each residual disinfectant concentration sampling point during peak hourly flow;

3) The disinfectant contact times ("T") during peak hourly flow; and

4) The residual disinfectant concentrations ("C") of the water before or at the first customer and prior to each additional point of disinfection during peak hourly flow.

e) Calculations based on the data collected. The tables in Appendix B of this Part must be used to determine the appropriate $CT_{99.9}$ value. The supplier must calculate the total inactivation ratio as follows, and multiply the value by 3.0 to determine log inactivation of Giardia lamblia:

1) If the supplier uses only one point of disinfectant application, it must determine either of the following:

A) One inactivation ratio ($CT_{calc}/CT_{99.9}$) before or at the first customer during peak hourly flow; or

B) Successive $CT_{calc}/CT_{99.9}$ values, representing sequential inactivation ratios, between the point of disinfectant application and a point before or at the first customer during peak hourly flow. Under this alternative, the supplier must calculate the total inactivation ratio by determining $CT_{calc}/CT_{99.9}$ for each sequence and then adding the $CT_{calc}/CT_{99.9}$ values together to determine $\Sigma CT_{calc}/CT_{99.9}$.

2) If the supplier uses more than one point of disinfectant application before the first customer, it must determine the $CT_{calc}/CT_{99.9}$ value of each disinfection segment immediately prior to the next point of disinfectant application, or for the final segment, before or at the first customer, during peak hourly flow using the procedure specified in subsection (e)(1)(B) of this Section.

f) Use of chloramines, ozone, or chlorine dioxide as a primary disinfectant. If a supplier uses chloramines, ozone, or chlorine dioxide for primary disinfection, the supplier must also calculate the logs of inactivation for viruses and develop an additional disinfection profile for viruses using methods approved by the Agency.

g) Development and maintenance of the disinfection profile in graphic form. Each log inactivation serves as a data point in the supplier's disinfection profile. A supplier will have obtained 52 measurements (one for every week of the year). This will allow the supplier and the Agency the opportunity to evaluate how microbial inactivation varied over the course of the year by looking at all 52 measurements (the supplier's disinfection profile). The supplier must retain the disinfection profile data in graphic form, such as a spreadsheet, which must be available for review by the Agency as part of a sanitary survey. The supplier must use this data to calculate a benchmark if the supplier is considering changes to disinfection practices.

BOARD NOTE: Derived from 40 CFR 141.530 through 141.536 (2014)~~(2003)~~.

(Source: Amended at 39 Ill. Reg. 3713, effective February 24, 2015)

Section 611.955 Combined Filter Effluent Turbidity Limits

a) Applicability. A Subpart B system supplier that serves fewer than 10,000 persons, which is required to filter, and which utilizes filtration other than slow sand filtration or diatomaceous earth filtration must meet the combined filter effluent turbidity requirements of subsections (b) through (d) of this Section. If the supplier uses slow sand or diatomaceous earth filtration the supplier is not required to meet the combined filter effluent turbidity limits of this Subpart X, but the supplier must continue to meet the combined filter effluent turbidity limits in Section 611.250.

b) Combined filter effluent turbidity limits. A supplier must meet two strengthened combined filter effluent turbidity limits.

1) The first combined filter effluent turbidity limit is a "95th percentile" turbidity limit that a supplier must meet in at least 95 percent of the turbidity measurements taken each month. Measurements must continue to be taken as described in Sections 611.531 and 611.533~~611.231 and 233~~.

Monthly reporting must be completed according to Section 611.957(a). The following are the required limits for specific filtration technologies:

A) For a system with conventional filtration or direct filtration, the 95th percentile turbidity value is 0.3 NTU.

B) For a system with any other alternative filter technology, the 95th percentile turbidity value is a value (not to exceed 1 NTU) to be determined by the Agency, by a SEP issued pursuant to Section 611.110, based on the demonstration described in subsection (c) of this Section.

2) The second combined filter effluent turbidity limit is a "maximum" turbidity limit that a supplier may at no time exceed during the month. Measurements must continue to be taken as described in Sections 611.531 and 611.533~~611.231 and 611.233~~. Monthly reporting must be completed according to Section 611.957(a). The following are the required limits for specific filtration technologies:

A) For a system with conventional filtration or direct filtration, the maximum turbidity value is 1 NTU.

B) For a system with any other alternative filter technology, the maximum turbidity value is a value (not to exceed 5 NTU) to be determined by the Agency, by a SEP issued pursuant to Section 611.110, based on the demonstration described in subsection (c) of this Section.

c) Requirements for an alternative filtration system.

1) If a supplier's system consists of alternative filtration (filtration other than slow sand filtration, diatomaceous earth filtration, conventional filtration, or direct filtration) the supplier is required to conduct a demonstration (see tables in subsection (b) of this Section). The supplier must demonstrate to the Agency, using pilot plant studies or other means, that its system's filtration, in combination with disinfection treatment, consistently achieves the following:

A) 99 percent removal of Cryptosporidium oocysts;

B) 99.9 percent removal or inactivation of Giardia lamblia cysts; and

C) 99.99 percent removal or inactivation of viruses.

2) This subsection (c)(2) corresponds with 40 CFR 141.552(b), which USEPA has designated as "reserved." This statement maintains structural correspondence with the corresponding federal regulation.

d) Requirements for a lime-softening system. If a supplier practices lime softening, the supplier may acidify representative combined filter effluent turbidity samples prior to analysis using a protocol approved by the Agency.

BOARD NOTE: Derived from 40 CFR 141.550 through 141.553 (2014)~~(2002)~~.

(Source: Amended at 39 Ill. Reg. 3713, effective February 24, 2015)

Section 611.956 Individual Filter Turbidity Requirements

a) Applicability. A Subpart B system supplier that serves fewer than 10,000 persons and utilizing conventional filtration or direct filtration must conduct continuous monitoring of turbidity for each individual filter in a supplier's system. The following requirements apply to continuous turbidity monitoring:

1) Monitoring must be conducted using an approved method in Section 611.531~~611.231~~;

2) Calibration of turbidimeters must be conducted using procedures specified by the manufacturer;

3) Results of turbidity monitoring must be recorded at least every 15 minutes;

4) Monthly reporting must be completed according to Section 611.957(a); and

5) Records must be maintained according to Section 611.957(b).

b) Failure of turbidity monitoring equipment. If there is a failure in the continuous turbidity monitoring equipment, the supplier must conduct grab sampling every four hours in lieu of continuous monitoring until the turbidimeter is back on-line. The supplier has 14 days to resume continuous monitoring before a violation is incurred.

c) Special requirements for systems with two or fewer filters. If a supplier's system only consists of two or fewer filters, the supplier may conduct continuous monitoring of combined filter effluent turbidity in lieu of individual filter effluent turbidity monitoring. Continuous monitoring must meet the same requirements set forth in subsections (a)(1) through (a)(4) and (b) of this Section.

d) Follow-up action. Follow-up action is required according to the following requirements:

1) If the turbidity of an individual filter (or the turbidity of combined filter effluent (CFE) for a system with two filters that monitor CFE in lieu of individual filters) exceeds 1.0 NTU in two consecutive recordings 15 minutes apart, the supplier must report to the Agency by the 10th of the following month and include the filter numbers, corresponding dates, turbidity values that exceeded 1.0 NTU, and the cause (if known) for the exceedences.

2) If a supplier was required to report to the Agency for three months in a row and turbidity exceeded 1.0 NTU in two consecutive recordings 15 minutes apart at the same filter (or CFE for systems with two filters that monitor CFE in lieu of individual filters), the supplier must conduct a self-assessment of the filters within 14 days of the day on which the filter exceeded 1.0 NTU in two consecutive measurements for the third straight month, unless a CPE, as specified in subsection (d)(3) of this Section, was required. A supplier that has a system with two filters that monitor CFE in lieu of individual filters must conduct a self-assessment~~self assessment~~ on both filters. The self-assessment must consist of at least the following components: assessment of filter performance, development of a filter profile, identification and prioritization of factors limiting filter performance, assessment of the applicability of corrections, and preparation of a filter self-assessment report.

3) If a supplier was required to report to the Agency for two months in a row and turbidity exceeded 2.0 NTU in two consecutive recordings 15 minutes apart at the same filter (or CFE for systems with two filters that monitor CFE in lieu of individual filters), the supplier must arrange to have a comprehensive performance evaluation (CPE) conducted by the Agency or a third party approved by the Agency not later than 60 days following the day the filter exceeded 2.0 NTU in two consecutive measurements for the second straight month. If a CPE has been completed by the Agency or a third party approved by the Agency within the 12 prior months or the system and Agency are jointly participating in an ongoing comprehensive technical assistance (CTA) project at the system, a new CPE is not required. If conducted, a CPE must be completed and submitted to the Agency no later than 120 days following the day the filter exceeded 2.0 NTU in two consecutive measurements for the second straight month.

e) Special individual filter monitoring for a lime-softening system. If a supplier's system utilizes lime softening, the supplier may apply to the Agency for alternative turbidity exceedence levels for the levels specified in subsection (d) of this Section. The supplier must be able to demonstrate to the Agency that higher turbidity levels are due to lime carryover only, and not due to degraded filter performance.

BOARD NOTE: Derived from 40 CFR 141.560 through 141.564 (2014)~~(2003)~~.

(Source: Amended at 39 Ill. Reg. 3713, effective February 24, 2015)

SUBPART Z: ENHANCED TREATMENT FOR CRYPTOSPORIDIUM

Section 611.1004 Source Water Monitoring Requirements: Analytical Methods

a) Cryptosporidium. A supplier must analyze for Cryptosporidium using USEPA OGWDW Methods, Method 1623 (05), 1623.1, or 1622 (05), each incorporated by reference in Section 611.102, or alternative methods approved by the Agency pursuant to Section 611.480.

1) The supplier must analyze at least a 10 ℓ sample or a packed pellet volume of at least 2 mℓ as generated by the methods listed in subsection (a) of this Section. A supplier unable to process a 10 ℓ sample must analyze as much sample volume as can be filtered by two filters approved by USEPA for

the methods listed in subsection (a) of this Section, up to a packed pellet volume of at least 2 mℓ.

2) Matrix spike (MS) samples.

A) MS samples, as required by the methods in subsection (a) of this Section, must be spiked and filtered by a laboratory approved for Cryptosporidium analysis pursuant to Section 611.1005.

B) If the volume of the MS sample is greater than 10 ℓ, the supplier may filter all but 10 ℓ of the MS sample in the field, and ship the filtered sample and the remaining 10 ℓ of source water to the laboratory. In this case, the laboratory must spike the remaining 10 ℓ of water and filter it through the filter used to collect the balance of the sample in the field.

3) Flow cytometer-counted spiking suspensions must be used for MS samples and ongoing precision and recovery samples.

b) E. coli. A supplier must use methods for enumeration of E. coli in source water approved in 40 CFR 136.3(a), incorporated by reference in Section 611.102, or alternative methods approved by the Agency pursuant to Section 611.480.

1) The time from sample collection to initiation of analysis may not exceed 30 hours, unless the supplier meets the condition of subsection (b)(2) of this Section.

2) The Agency may, by a SEP issued pursuant to Section 611.110, approve on a case-by-case basis the holding of an E. coli sample for up to 48 hours between sample collection and initiation of analysis if it determines that analyzing an E. coli sample within 30 hours is not feasible. E. coli samples held between 30 to 48 hours must be analyzed by the ~~Autoanalysis~~ Colilert® Test ~~System~~ reagent version of Standard Methods, 18th, 19th, or 20th ed., Method 9223 B incorporated by reference in Section 611.102.

3) A supplier must maintain the temperature of its samples between 0ºC and 10ºC during storage and transit to the laboratory.

4) The supplier may use the membrane filtration, two-step procedure described in Standard Methods, 20th ed., Method 9222 D and G, incorporated by reference in Section 611.102.

BOARD NOTE: On June 3, 2008 (at 73 Fed. Reg. 31616), USEPA added appendix A to subpart C of 40 CFR 141, which authorized alternative methods to those listed for E. coli by multiple-tube technique at corresponding 40 CFR 141.402(c)(2) to allow the use of Standard Methods for the Examination of Water and Wastewater, 20th ed., Method 9222 D and G.

c) Turbidity. A supplier must use methods for turbidity measurement approved in Section 611.531(a).

BOARD NOTE: Derived from 40 CFR 141.704 and appendix A to subpart C of 40 CFR 141 (2014)~~(2012)~~.

(Source: Amended at 39 Ill. Reg. 3713, effective February 24, 2015)

SUBPART AA: REVISED TOTAL COLIFORM RULE

Section 611.1052 Analytical Methods and Laboratory Certification

a) Analytical methodology.

1) The standard sample volume required for analysis, regardless of analytical method used, is 100 mℓ.

2) A supplier needs only determine the presence or absence of total coliforms and E. coli; a determination of density is not required.

3) The time from sample collection to initiation of test medium incubation may not exceed 30 hours. Suppliers are encouraged but not required to hold samples below 10º C during transit.

4) If water having residual chlorine (measured as free, combined, or total chlorine) is to be analyzed, sufficient sodium thiosulfate ($Na_2S_2O_3$) must be added to the sample bottle before sterilization to neutralize any residual chlorine in the water sample. Dechlorination procedures are addressed in

section 2 of Standard Methods, 20th or 21st ed., Method 9060 A, each incorporated by reference in Section 611.102.

5) The supplier must conduct total coliform and E. coli analyses in accordance with one of the following analytical methods, each incorporated by reference in Section 611.102:

BOARD NOTE: All monitoring and analyses must be done in accordance with the version of the approved method recited in this subsection (a) and incorporated by reference in Section 611.102. The methods listed are the only versions that may be used for compliance with this Subpart AA. Laboratories should be careful to use only the approved versions of the methods, as product package inserts may not be the same as the approved versions of the methods.

A) Total coliforms, lactose fermentation methods:

i) Standard total coliform fermentation technique: sections 1 and 2 of Standard Methods, 20th, 21st, or 22nd ed., Method 9221 B; or

BOARD NOTE: Lactose broth, as commercially available, may be used in lieu of lauryl tryptose broth, if the supplier conducts at least 25 parallel tests between lactose broth and lauryl tryptose broth using the water normally tested, and if the findings from this comparison demonstrate that the false-positive rate and false-negative rate for total coliforms, using lactose broth, is less than 10 percent. Because Standard Methods, 21st ed., Method 9221 B is the same version as Standard Methods Online 9221 B-99, the Board has not listed the Standard Methods Online version separately.

ii) Presence-absence (P-A) coliform test: sections 1 and 2 of Standard Methods, 20th or 21st, Method 9221 D.

BOARD NOTE: A multiple tube enumerative format, as described in Standard Methods, 20th or 21st, Method 9221 D, is approved for this method for use in presence-absence

determination under this Subpart AA. Because Standard Methods, 21st ed., Method 9221 D is the same version as Standard Methods Online 9221 D-99, the Board has not listed the Standard Methods Online version separately.

BOARD NOTE: USEPA added sections 1 and 2 of Standard Methods Online, Method 9221 B-06 as an approved alternative method for total coliforms in appendix A to subpart C of 40 CFR 141 on June 19, 2014 (at 79 Fed. Reg. 35081). Because Standard Methods, 22nd ed., Method 9221 B is the same version as Standard Methods Online, Method 9221 B-06, the Board has not listed the Standard Methods Online versions separately.

B) Total coliforms, membrane filtration methods:

i) Standard total coliform membrane filter procedure: Standard Methods, 20th or 21st ed., Method 9222 B or C.

BOARD NOTE: Because Standard Methods, 20th ed., Methods 9222 B and C are the same version as Standard Methods Online 9222 B and C-97, the Board has not listed the Standard Methods Online version separately.

ii) Membrane filtration using MI medium: USEPA Method 1604.

iii) m-ColiBlue24® Test.

BOARD NOTE: All filtration series must begin with membrane filtration equipment that has been sterilized by autoclaving. Exposure of filtration equipment to UV light is not adequate to ensure sterilization. Subsequent to the initial autoclaving, exposure of the filtration equipment to UV light may be used to sanitize the funnels between filtrations within a filtration series. Alternatively, membrane filtration equipment that is pre-sterilized by the manufacturer (i.e., disposable funnel units) may be used.

iv) Chromocult.

BOARD NOTE: All filtration series must begin with membrane filtration equipment that has been sterilized by autoclaving. Exposure of filtration equipment to UV light is not adequate to ensure sterilization. Subsequent to the initial autoclaving, exposure of the filtration equipment to UV light may be used to sanitize the funnels between filtrations within a filtration series. Alternatively, membrane filtration equipment that is pre-sterilized by the manufacturer (i.e., disposable funnel units) may be used.

C) Total coliforms, enzyme substrate methods:

i) Colilert® Test: Standard Methods, 20th, 21st, or 22nd ed., Method 9223 B;

BOARD NOTE: Multiple-tube and multi-well enumerative formats for this method are approved for use in presence-absence determination under this Subpart AA.

ii) Colilert-18® Test: Standard Methods, 20th, 21st, or 22nd ed., Method 9223 B;

iii~~ii~~) Colisure™ Test~~®~~: Standard Methods, 20th, 21st, or 22nd ed., Method 9223 B;

BOARD NOTE: Multiple-tube and multi-well enumerative formats for this method are approved for use in presence-absence determination under this Subpart AA. Colisure™ Test~~©~~ results may be read after an incubation time of 24 hours. Because Standard Methods, 20th ed., Method 9223 B is the same version as Standard Methods Online 9223 B-97, the Board has not listed the Standard Methods Online version separately.

iv~~iii~~) E*Colite® Test;

v~~iv~~) Readycult® 2007 Test~~test~~;

vi~~v~~) Modified Colitag™ Test; or~~test.~~

vii) Tecta EC/TC P-A Test.

BOARD NOTE: USEPA added Standard Methods Online, Method 9223 B-04, Colilert-18® Test, and Tecta EC/TC P-A Test as approved alternative methods for total coliforms in appendix A to subpart C of 40 CFR 141 on June 19, 2014 (at 79 Fed. Reg. 35081). Because Standard Methods, 22nd ed., Method 9223 B is the same version as Standard Methods Online, Method 9223 B-04, the Board has not listed the Standard Methods Online versions separately.

D) E. coli (following lactose fermentation methods), EC-MUG medium: section 1 of Standard Methods, 20th or~~,~~ 21st ed., or 22nd ed., Method 9221 F.

BOARD NOTE: USEPA added section 1 of Standard Methods Online, Method 9221 F-06 as an approved alternative method for E. coli in appendix A to subpart C of 40 CFR 141 on June 19, 2014 (at 79 Fed. Reg. 35081). Because Standard Methods, 22nd ed., Method 9221 F is the same version as Standard Methods Online, Method 9221 F-06, the Board has not listed the Standard Methods Online versions separately.

E) E. coli, partition method:

i) EC broth with MUG (EC-MUG): section 1.c(2) of Standard Methods, 20th or 21st ed., Method 9222 G; or

BOARD NOTE: The following changes must be made to the EC broth with MUG (EC-MUG) formulation: potassium dihydrogen phosphate (KH_2PO_4) must be 1.5 g, and 4-methylumbelliferyl-β-D-glucuronide must be 0.05 g.

ii) NA-MUG medium: section 1.c(1) of Standard Methods, 20th or 21st ed., Method 9222 G.

F) E. coli, membrane filtration methods:

i) Membrane filtration using MI medium: USEPA Method 1604.

ii) m-ColiBlue24® Test~~test~~.

BOARD NOTE: All filtration series must begin with membrane filtration equipment that has been sterilized by autoclaving. Exposure of filtration equipment to UV light is not adequate to ensure sterilization. Subsequent to the initial autoclaving, exposure of the filtration equipment to UV light may be used to sanitize the funnels between filtrations within a filtration series. Alternatively, membrane filtration equipment that is pre-sterilized by the manufacturer (i.e., disposable funnel units) may be used.

iii) Chromocult.

BOARD NOTE: All filtration series must begin with membrane filtration equipment that has been sterilized by autoclaving. Exposure of filtration equipment to UV light is not adequate to ensure sterilization. Subsequent to the initial autoclaving, exposure of the filtration equipment to UV light may be used to sanitize the funnels between filtrations within a filtration series. Alternatively, membrane filtration equipment that is pre-sterilized by the manufacturer (i.e., disposable funnel units) may be used.

G) E. coli, enzyme substrate methods:

i) Colilert® Test: Standard Methods, 20th, 21st, or 22nd ed., Method 9223 B;

BOARD NOTE: Multiple-tube and multi-well enumerative formats for this method are approved for use in presence-absence determination under this Subpart AA. Because Standard Methods, 20th ed., Method 9223 B is the same version as Standard Methods Online 9223 B-97, the Board

has not listed the Standard Methods Online version separately.

ii) Colilert-18® Test: Standard Methods, 20th, 21st, or 22nd ed., Method 9223 B;

iiiii) Colisure™®: Standard Methods, 20th, 21st, or 22nd ed., Method 9223 B;

BOARD NOTE: Multiple-tube and multi-well enumerative formats for this method are approved for use in presence-absence determination under this Subpart AA. Colisure™® results may be read after an incubation time of 24 hours. Because Standard Methods, 20th ed., Method 9223 B is the same version as Standard Methods Online 9223 B-97, the Board has not listed the Standard Methods Online version separately.

ivii) E*Colite® Testtest;

viv) Readycult® 2007 Testtest;

viv) Modified Colitag™ Test; ortest.

vii) Tecta EC/TC P-A Test.

BOARD NOTE: USEPA added of Standard Methods, 22nd ed., Methods 9221 B (sections 1 and 2) and 9223 B as approved alternative methods for total coliforms and Standard Methods, 22nd ed., Methods 9221 F (section 1) and 9223 B for as approved alternative methods for E. coli in appendix A to subpart C of 40 CFR 141 on June 21, 2013 (at 78 Fed. Reg. 37463). USEPA added Standard Methods Online, Method 9223 B-04, Colilert-18® Test, and Tecta EC/TC P-A Test as approved alternative methods for E. coli in appendix A to subpart C of 40 CFR 141 on June 19, 2014 (at 79 Fed. Reg. 35081). Because Standard Methods, 22nd ed., Method 9223 B is the same version as Standard Methods Online, Method 9223 B-04, the Board has not listed the Standard Methods Online versions separately.

b) Laboratory certification. A supplier must have all compliance samples required by this Subpart AA analyzed by a certified laboratory in one of the categories listed in Section 611.490(a). The laboratory used by the supplier must be certified for each method (and associated contaminants) that is used for compliance monitoring analyses under this Subpart AA.

c) This subsection (c) corresponds with 40 CFR 141.1052(c), which is a centralized listing of incorporations by reference for the purposes of subpart Y to 40 CFR 141. The Board has centrally located all incorporations by reference in Section 611.102. This statement maintains structural consistency with the federal rules.

BOARD NOTE: Derived from 40 CFR 141.852 and appendix A to subpart C of 40 CFR 141 (2014)~~(2013)~~.

(Source: Amended at 39 Ill. Reg. 3713, effective February 24, 2015)

Section 611.1055 Routine Monitoring Requirements for CWSs That Serve 1,000 or Fewer People Using Only Groundwater

a) General.

1) This Section applies to CWS suppliers that use only ground water (except ground water under the direct influence of surface water, as defined in Section 611.102) and which serve 1,000 or fewer people.

2) Following any total coliform-positive sample taken under the provisions of this Section, the supplier must comply with the repeat monitoring requirements and E. coli analytical requirements in Section 611.1058.

3) Once all monitoring required by this Section and Section 611.1058 for a calendar month has been completed, the supplier must determine whether any coliform treatment technique triggers specified in Section 611.1059 have been exceeded. If any trigger has been exceeded, the supplier must complete assessments as required by Section 611.1059.

b) Monitoring frequency for total coliforms. The monitoring frequency for total coliforms is one sample per month, except as provided for under subsections (c) through (f) of this Section.

c) Transition to Subpart AA.

1) A supplier must continue to monitor according to the total coliform monitoring schedules under Sections 611.521 through 611.527 that were in effect on March 31, 2016, unless any of the conditions in subsection (e) of this Section are triggered on or after April 1, 2016, or unless otherwise directed by the Agency, by a SEP issued pursuant to Section 611.110.

2) Beginning April 1, 2016, the Agency must perform a special monitoring evaluation during each sanitary survey to review the status of the supplier's system, including the distribution system, to determine whether the system is on an appropriate monitoring schedule. After the Agency has performed the special monitoring evaluation during each sanitary survey, the Agency may, by a SEP issued pursuant to Section 611.110, modify the supplier's monitoring schedule, as necessary. Alternatively, the Agency may allow the supplier to stay on its existing monitoring schedule, consistent with the provisions of this Section. The Agency may not allow a supplier to begin less frequent monitoring under the special monitoring evaluation unless the supplier has already met the applicable criteria for less frequent monitoring in this Section.

d) Criteria for reduced monitoring.

1) The Agency may, by a SEP issued pursuant to Section 611.110, reduce the monitoring frequency from monthly monitoring to no less than quarterly monitoring if the supplier is in compliance with Agency-certified operator provisions and demonstrates that it meets the criteria in subsections (d)(1)(A) through (d)(1)(C) of this Section. A supplier that loses its certified operator must return to monthly monitoring the month following that loss.

A) The supplier has a clean compliance history for a minimum of 12 months.

B) The most recent sanitary survey shows the supplier is free of sanitary defects (or has an approved plan and schedule to correct them and is in compliance with the plan and the schedule), has a

protected water source, and meets Agency-approved construction standards.

C) The supplier meets at least one of the following criteria:

i) An annual site visit by the Agency that is equivalent to a Level 2 assessment or an annual Level 2 assessment by a party approved by the Agency and correction of all identified sanitary defects (or an approved plan and schedule to correct them and is in compliance with the plan and schedule).

ii) Cross connection control, as approved by the Agency.

iii) Continuous disinfection entering the distribution system and a residual in the distribution system in accordance with criteria specified by the Agency.

iv) Demonstration of maintenance of at least a 4-log removal or inactivation of viruses as provided for under Section 611.803(b)(3).

v) Other equivalent enhancements to water system barriers as approved by the Agency.

2) This subsection (d)(2) corresponds with 40 CFR 141.855(d)(2), which USEPA has marked "reserved." This statement maintains structural consistency with the corresponding federal provision.

e) Return to routine monthly monitoring requirements. A supplier on quarterly monitoring that experience any of the events in subsections (e)(1) through (e)(4) of this Section must begin monthly monitoring the month following the event. The supplier must continue monthly monitoring until it meets the reduced monitoring requirements in subsection (d) of this Section.

1) The supplier triggers a Level 2 assessment or two Level 1 assessments in a rolling 12-month period.

2) The supplier has an E. coli MCL violation.

3) The supplier has a coliform treatment technique violation.

4) The supplier has two Subpart AA monitoring violations in a rolling 12-month period.

f) Additional routine monitoring the month following a total coliform-positive sample. A supplier collecting samples on a quarterly frequency must conduct additional routine monitoring the month following one or more total coliform-positive samples (with or without a Level 1 treatment technique trigger). A supplier must collect at least three routine samples during the next month, except that the Agency may, by a SEP issued pursuant to Section 611.110, waive this requirement if the conditions of subsection (f)(1), (f)(2), or (f)(3) of this Section are met. A supplier may either collect samples at regular time intervals throughout the month or may collect all required routine samples on a single day if samples are taken from different sites. A supplier must use the results of additional routine samples in coliform treatment technique trigger calculations.

1) The Agency may, by a SEP issued pursuant to Section 611.110, waive the requirement to collect three routine samples the next month in which the supplier's system provides water to the public if the Agency, or an agent approved by the Agency, performs a site visit before the end of the next month in which the supplier's system provides water to the public. Although a sanitary survey need not be performed, the site visit must be sufficiently detailed to allow the Agency to determine whether additional monitoring or any corrective action is needed. The Agency cannot approve an employee of the supplier to perform this site visit, even if the employee is an agent approved by the Agency to perform sanitary surveys.

2) The Agency may, by a SEP issued pursuant to Section 611.110, waive the requirement to collect three routine samples the next month in which the supplier's system provides water to the public if the Agency has determined why the sample was total coliform-positive and has established that the supplier has corrected the problem or will correct the problem before the end of the next month in which the supplier's system serves water to the public. In this case, the Agency must document this decision to waive the following month's additional monitoring requirement in writing, have it approved and signed by the supervisor of the Agency official who recommends such a decision, and make this

document available to USEPA and the public. The written documentation must describe the specific cause of the total coliform-positive sample and what action the supplier has taken or will take to correct this problem.

3) The Agency may not waive the requirement to collect three additional routine samples the next month in which the supplier's system provides water to the public solely on the grounds that all repeat samples are total coliform-negative. If the Agency determines that the supplier has corrected the contamination problem before the supplier takes the set of repeat samples required in Section 611.1058, and all repeat samples were total coliform-negative, the Agency may, by a SEP issued pursuant to Section 611.110, waive the requirement for additional routine monitoring the next month.

BOARD NOTE: Derived from 40 CFR 141.855 (2014)~~(2013)~~.

(Source: Amended at 39 Ill. Reg. 3713, effective February 24, 2015)

Section 611.1061 Reporting and Recordkeeping

a) Reporting.

1) E. coli.

A) A supplier must notify the Agency by the end of the day when the system learns of an E. coli MCL violation, unless the supplier learns of the violation after the Agency office is closed and the Agency does not have either an after-hours phone line or an alternative notification procedure, in which case the supplier must notify the Agency before the end of the next business day, and the supplier notifies the public in accordance with Subpart V of this Part.

B) A supplier must notify the Agency by the end of the day when the supplier is notified of an E. coli-positive routine sample, unless the supplier is notified of the result after the Agency office is closed and the Agency does not have either an after-hours phone line or an alternative notification procedure, in which case the supplier must notify the Agency before the end of the next business day.

2) A supplier that has violated the treatment technique for coliforms in Section 611.1059 must report the violation to the Agency no later than the end of the next business day after it learns of the violation, and notify the public in accordance with Subpart V of this Part.

3) A supplier required to conduct an assessment under the provisions of Section 611.1059 must submit the assessment report within 30 days. The supplier must notify the Agency in accordance with Section 611.1059(c) when each scheduled corrective action is completed for corrections not completed by the time of submission of the assessment form.

4) A supplier that has failed to comply with a coliform monitoring requirement must report the monitoring violation to the Agency within 10 days after the supplier discovers the violation, and notify the public in accordance with Subpart V of this Part.

5) A seasonal system supplier must certify, prior to serving water to the public, that it has complied with the Agency-approved start-up procedure.

b) Recordkeeping.

1) The supplier must maintain any assessment form, regardless of who conducts the assessment, and documentation of corrective actions completed as a result of those assessments, or other available summary documentation of the sanitary defects and corrective actions taken under Section 611.1059~~611.1058~~ for Agency review. This record must be maintained by the supplier for a period not less than five years after completion of the assessment or corrective action.

2) The supplier must maintain a record of any repeat sample taken that meets Agency criteria for an extension of the 24-hour period for collecting repeat samples as provided for under Section 611.1058(a)(1).

BOARD NOTE: Derived from 40 CFR 141.861 (2014)~~(2013)~~.

(Source: Amended at 39 Ill. Reg. 3713, effective February 24, 2015)

Section 611.APPENDIX G NPDWR Violations and Situations Requiring Public Notice

See note 1 at the end of this Appendix G for an explanation of the Agency's authority to alter the magnitude of a violation from that set forth in the following table.

	MCL/MRDL/TT violations[2]		Monitoring & testing procedure violations	
Contaminant	Tier of public notice required	Citation	Tier of public notice required	Citation

I. Violations of National Primary Drinking Water Regulations (NPDWR):[3]

A. Microbiological Contaminants

1a. Total coliform bacteria, until March 31, 2016	2	611.325(a)	3	611.521-611.525
1b. Total coliform (~~Monitoring or~~ TT violations resulting from failure to perform assessments or corrective actions, monitoring violations, and reporting violations), beginning April 1, 2016	2	611.1060(b)(1) ~~141.860(b)~~	3	611.1060(c)(1) 611.1060(d)(1) ~~141.860(c)~~
1c. Seasonal system failure to follow State-approved start-up plan prior to serving water to the public or failure to provide certification to the Agency, beginning April 1, 2016	2	611.1060(b)(2) ~~141.860(b)(2)~~	3	611.1060(d)(3)
2a. Fecal coliform/E. coli, until March 31, 2016	1	611.325(b)	[4] 1, 3	611.525
2b. E. coli (MCL, monitoring, and reporting violations), beginning April 1, 2016	1	611.1060(a) ~~141.860(a)~~	3	611.1060(c) 611.1060(d)(2) ~~141.860(c)~~ ~~141.860(d)(2)~~

2c. E. coli (TT violations resulting from failure to perform Level 2 assessments or corrective action), beginning April 1, 2016	2	611.1060(b)(1) ~~141.860(b)~~		
3. Turbidity MCL	2	611.320(a)	3	611.560
4. Turbidity MCL (average of two days' samples greater than 5 NTU)	[5] 2, 1	611.320(b)	3	611.560
5. Turbidity (for TT violations resulting from a single exceedence of maximum allowable turbidity level)	[6] 2, 1	611.231(b), 611.233(b)(1), 611.250(a)(2), 611.250(b)(2), 611.250(c)(2), 611.250(d), 611.743(a)(2), 611.743(b), 611.955(b)(2)	3	611.531(a), 611.532(b), 611.533(a), 611.744, 611.956(a)(1)-(a)(3), 611.956(b)
6. Surface Water Treatment Rule violations, other than violations resulting from single exceedence of max. allowable turbidity level (TT)	2	611.211, 611.213, 611.220, 611.230-611.233, 611.240-611.242, 611.250	3	611.531-611.533
7. Interim Enhanced Surface Water Treatment Rule violations, other than violations resulting from single exceedence of max. turbidity level (TT)	2	[7] 611.740-611.743, 611.950-611.955	3	611.742, 611.744, 611.953, 611.954, 611.956
8. Filter Backwash Recycling Rule violations	2	611.276(c)	3	611.276(b), (d)
9. Long Term 1 Enhanced Surface Water Treatment Rule violations	2	611.950-611.955	3	611.953, 611.954, 611.956

10. LT2ESWTR violations	2	611.1010-611.1020	[19] 2, 3	611.1001-611.1005 and 611.1008-611.1009
11. Groundwater Rule violations	2	611.804	3	611.802(h)

B. Inorganic Chemicals (IOCs)

1. Antimony	2	611.301(b)	3	611.600, 611.601, 611.603
2. Arsenic	2	611.301(b)	3	611.601, 611.603
3. Asbestos (fibers greater than 10 µm)	2	611.301(b)	3	611.600, 611.601, 611.602
4. Barium	2	611.301(b)	3	611.600, 611.601, 611.603
5. Beryllium	2	611.301(b)	3	611.600, 611.601, 611.603
6. Cadmium	2	611.301(b)	3	611.600, 611.601, 611.603
7. Chromium (total)	2	611.301(b)	3	611.600, 611.601, 611.603
8. Cyanide	2	611.301(b)	3	611.600, 611.601, 611.603
9. Fluoride	2	611.301(b)	3	611.600, 611.601, 611.603
10. Mercury (inorganic)	2	611.301(b)	3	611.600, 611.601, 611.603

11. Nitrate	1	611.301(b)	[8] 1, 3	611.600, 611.601, 611.604, 611.606
12. Nitrite	1	611.301(b)	[8] 1, 3	611.600, 611.601, 611.605, 611.606
13. Total Nitrate and Nitrite	1	611.301(b)	3	611.600, 611.601
14. Selenium	2	611.301(b)	3	611.600, 611.601, 611.603
15. Thallium	2	611.301(b)	3	611.600, 611.601, 611.603

C. Lead and Copper Rule (Action Level for lead is 0.015 mg/ℓ, for copper is 1.3 mg/ℓ)

1. Lead and Copper Rule (TT)	2	611.350-611.355	3	611.356-611.359

D. Synthetic Organic Chemicals (SOCs)

1. 2,4-D	2	611.310(c)	3	611.648
2. 2,4,5-TP (silvex)	2	611.310(c)	3	611.648
3. Alachlor	2	611.310(c)	3	611.648
4. Atrazine	2	611.310(c)	3	611.648
5. Benzo(a)pyrene (PAHs)	2	611.310(c)	3	611.648
6. Carbofuran	2	611.310(c)	3	611.648
7. Chlordane	2	611.310(c)	3	611.648
8. Dalapon	2	611.310(c)	3	611.648
9. Di(2-ethylhexyl)adipate	2	611.310(c)	3	611.648
10. Di(2-ethylhexyl)phthalate	2	611.310(c)	3	611.648
11. Dibromochloropropane (DBCP)	2	611.310(c)	3	611.648
12. Dinoseb	2	611.310(c)	3	611.648
13. Dioxin (2,3,7,8-TCDD)	2	611.310(c)	3	611.648
14. Diquat	2	611.310(c)	3	611.648
15. Endothall	2	611.310(c)	3	611.648

16. Endrin	2	611.310(c)	3	611.648
17. Ethylene dibromide	2	611.310(c)	3	611.648
18. Glyphosate	2	611.310(c)	3	611.648
19. Heptachlor	2	611.310(c)	3	611.648
20. Heptachlor epoxide	2	611.310(c)	3	611.648
21. Hexachlorobenzene	2	611.310(c)	3	611.648
22. Hexachlorocyclopentadiene	2	611.310(c)	3	611.648
23. Lindane	2	611.310(c)	3	611.648
24. Methoxychlor	2	611.310(c)	3	611.648
25. Oxamyl (Vydate)	2	611.310(c)	3	611.648
26. Pentachlorophenol	2	611.310(c)	3	611.648
27. Picloram	2	611.310(c)	3	611.648
28. Polychlorinated biphenyls (PCBs)	2	611.310(c)	3	611.648
29. Simazine	2	611.310(c)	3	611.648
30. Toxaphene	2	611.310(c)	3	611.648

E. Volatile Organic Chemicals (VOCs)

1. Benzene	2	611.310(a)	3	611.646
2. Carbon tetrachloride	2	611.310(a)	3	611.646
3. Chlorobenzene (monochlorobenzene)	2	611.310(a)	3	611.646
4. o-Dichlorobenzene	2	611.310(a)	3	611.646
5. p-Dichlorobenzene	2	611.310(a)	3	611.646
6. 1,2-Dichloroethane	2	611.310(a)	3	611.646
7. 1,1-Dichloroethylene	2	611.310(a)	3	611.646
8. cis-1,2-Dichloroethylene	2	611.310(a)	3	611.646
9. trans-1,2-Dichloroethylene	2	611.310(a)	3	611.646
10. Dichloromethane	2	611.310(a)	3	611.646
11. 1,2-Dichloropropane	2	611.310(a)	3	611.646
12. Ethylbenzene	2	611.310(a)	3	611.646
13. Styrene	2	611.310(a)	3	611.646
14. Tetrachloroethylene	2	611.310(a)	3	611.646
15. Toluene	2	611.310(a)	3	611.646
16. 1,2,4-Trichlorobenzene	2	611.310(a)	3	611.646
17. 1,1,1-Trichloroethane	2	611.310(a)	3	611.646
18. 1,1,2-Trichloroethane	2	611.310(a)	3	611.646
19. Trichloroethylene	2	611.310(a)	3	611.646

20. Vinyl chloride	2	611.310(a)	3	611.646
21. Xylenes (total)	2	611.310(a)	3	611.646

F. Radioactive Contaminants

1. Beta/photon emitters	2	611.330(d)	3	611.720(a), 611.732
2. Alpha emitters	2	611.330(c)	3	611.720(a), 611.731
3. Combined radium (226 & 228)	2	611.330(b)	3	611.720(a), 611.731
4. Uranium	2	611.330(e)	3	611.720(a), 611.731

G. Disinfection Byproducts (DBPs), Byproduct Precursors, Disinfectant Residuals. Where disinfection is used in the treatment of drinking water, disinfectants combine with organic and inorganic matter present in water to form chemicals called disinfection byproducts (DBPs). USEPA sets standards for controlling the levels of disinfectants and DBPs in drinking water, including trihalomethanes (THMs) and haloacetic acids (HAAs).[13]

1. Total trihalomethanes (TTHMs)	2	[11]611.312(b)	3	Subparts W and Y of this Part
2. Haloacetic Acids (HAA5)	2	611.312(b)	3	Subpart Y of this Part
3. Bromate	2	611.312(a)	3	611.382(a)-(b)
4. Chlorite	2	611.312(a)	3	611.382(a)-(b)
5. Chlorine (MRDL)	2	611.313(a)	3	611.382(a), (c)
6. Chloramine (MRDL)	2	611.313(a)	3	611.382(a), (c)
7. Chlorine dioxide (MRDL), where any two consecutive daily samples at entrance to distribution system only are above MRDL	2	611.313(a), 611.383(c)(3)	2[12], 3	611.382(a), (c), 611.383(c)(2)
8. Chlorine dioxide (MRDL), where samples in distribution system the next day are also above MRDL	[13]1	611.313(a), 611.383(c)(3)	1	611.382(a), (c), 611.383(c)(2)
9. Control of DBP precursors – TOC (TT)	2	611.385(a)-(b)	3	611.382(a), (d)

10. Benchmarking and disinfection profiling	N/A	N/A	3	611.742, 611.953, 611.954
11. Development of monitoring plan	N/A	N/A	3	611.382(f)

H. Other Treatment Techniques

1. Acrylamide (TT)	2	611.296	N/A	N/A
2. Epichlorohydrin (TT)	2	611.296	N/A	N/A

II. Unregulated Contaminant Monitoring: [14]

A. Unregulated contaminants	N/A	N/A	3	as required by USEPA pursuant to 40 CFR 141.40 ~~611.510~~
B. Nickel	N/A	N/A	3	611.603, 611.611

III. Public Notification for Relief Equivalent to a SDWA section 1415 Variance or a section 1416 Exemption.

A. Operation under relief equivalent to a SDWA section 1415 variance or a section 1416 exemption		415, 1416		
B. Violation of conditions of relief equivalent to a SDWA section 1415 variance or a section 1416 exemption		5, 1416, [16] 611.111, 611.112		

IV. Other Situations Requiring Public Notification.

A. Fluoride secondary maximum contaminant level (SMCL) exceedence		.858		
B. Exceedence of nitrate MCL for a non-CWS supplier, as allowed by the Agency		.300(d)		

C.	Availability of unregulated contaminant monitoring data		equired by USEPA pursuant to 40 CFR 141.40 .510		
D.	Waterborne disease outbreak		.101, 611.233(b)(2)		
E.	Other waterborne emergency [17]				
F.	Source water sample positive for Groundwater Rule fecal indicators: E. coli, enterococci, or coliphage		.802(g)		
G.	Other situations as determined by the Agency by a SEP issued pursuant to Section 611.110	2, 3			

Appendix G – Endnotes

1. Violations and other situations not listed in this table (e.g., failure to prepare Consumer Confidence Reports) do not require notice, unless otherwise determined by the Agency by a SEP issued pursuant to Section 611.110. The Agency may, by a SEP issued pursuant to Section 611.110, further require a more stringent public notice tier (e.g., Tier 1 instead of Tier 2 or Tier 2 instead of Tier 3) for specific violations and situations listed in this Appendix, as authorized under Sections 611.902(a) and 611.903(a).

2. Definition of the abbreviations used: "MCL" means maximum contaminant level, "MRDL" means maximum residual disinfectant level, and "TT" means treatment technique.

3. The term "violations of National Primary Drinking Water Regulations (NPDWR)" is used here to include violations of MCL, MRDL, treatment technique, monitoring, and testing procedure requirements.

4. Failure to test for fecal coliform or E. coli is a Tier 1 violation if testing is not done after any repeat sample tests positive for coliform. All other total coliform monitoring and testing procedure violations are Tier 3 violations.

5. A supplier that violates the turbidity MCL of 5 NTU based on an average of measurements over two consecutive days must consult with the Agency within 24 hours after learning of the violation. Based on this consultation, the Agency may subsequently decide to issue a SEP pursuant to Section 611.110 that elevates the violation to a Tier 1 violation. If a supplier is unable to make contact with the Agency in the 24-hour period, the violation is automatically elevated to a Tier 1 violation.

6. A supplier with a treatment technique violation involving a single exceedence of a maximum turbidity limit under the Surface Water Treatment Rule (SWTR), the Interim Enhanced Surface Water Treatment Rule (IESWTR), or the Long Term 1 Enhanced Surface Water Treatment Rule are required to consult with the Agency within 24 hours after learning of the violation. Based on this consultation, the Agency may subsequently decide to issue a SEP pursuant to Section 611.110 that elevates the violation to a Tier 1 violation. If a supplier is unable to make contact with the Agency in the 24-hour period, the violation is automatically elevated to a Tier 1 violation.

7. The Surface Water Treatment Rule (SWTR) remains in effect for a supplier that serves at least 10,000 persons; the Interim Enhanced Surface Water Treatment Rule adds additional requirements and does not in many cases supercede the SWTR.

8. Failure to take a confirmation sample within 24 hours for nitrate or nitrite after an initial sample exceeds the MCL is a Tier 1 violation. Other monitoring violations for nitrate are Tier 3.

9. Failure to take a confirmation sample within 24 hours for nitrate or nitrite after an initial sample exceeds the MCL is a Tier 1 violation. Other monitoring violations for nitrate are Tier 3.

10. A Subpart B community or non-transient non-community system supplier must comply with new DBP MCLs, disinfectant MRDLs, and related monitoring requirements. A Subpart B transient non-community system supplier that serves 10,000 or more persons that uses chlorine dioxide as a disinfectant or oxidant or a Subpart B transient non-community system supplier that serves fewer than 10,000 persons, which uses only groundwater not under the direct influence of surface water, and which uses chlorine dioxide as a disinfectant or oxidant must comply with the chlorine dioxide MRDL.

11. Sections 611.312(b)(1) and 611.382(a) and (b) apply until Subpart Y of this Part takes effect under the schedule set forth in Section 611.970(c).

12. Failure to monitor for chlorine dioxide at the entrance to the distribution system the day after exceeding the MRDL at the entrance to the distribution system is a Tier 2 violation.

13. If any daily sample taken at the entrance to the distribution system exceeds the MRDL for chlorine dioxide and one or more samples taken in the distribution system the next day exceed the MRDL, Tier 1 notification is required. A failure to take the required samples in the distribution system after the MRDL is exceeded at the entry point also triggers Tier 1 notification.

14. Some water suppliers must monitor for certain unregulated contaminants as required by USEPA pursuant to 40 CFR 141.40~~listed in Section 611.510~~.

15. This citation refers to sections 1415 and 1416 of the federal Safe Drinking Water Act. sections 1415 and 1416 require that "a schedule prescribed...for a public water system granted relief equivalent to a SDWA section 1415 variance or a section 1416 exemption must require compliance by the system...."

16. In addition to sections 1415 and 1416 of the federal Safe Drinking Water Act, 40 CFR 142.307 specifies the items and schedule milestones that must be included in relief equivalent to a SDWA section 1415 small system variance. In granting any form of relief from an NPDWR, the Board will consider all applicable federal requirements for and limitations on the State's ability to grant relief consistent with federal law.

17. Other waterborne emergencies require a Tier 1 public notice under Section 611.902(a) for situations that do not meet the definition of a waterborne disease outbreak given in Section 611.101, but which still have the potential to have serious adverse effects on health as a result of short-term exposure. These could include outbreaks not related to treatment deficiencies, as well as situations that have the potential to cause outbreaks, such as failures or significant interruption in water treatment processes, natural disasters that disrupt the water supply or distribution system, chemical spills, or unexpected loading of possible pathogens into the source water.

18. The Agency may place any other situation in any tier it deems appropriate in writing, based on the prospective threat which it determines that the situation poses to public health, and subject to Board review pursuant to Section 40 of the Act [415 ILCS 5/40].

19. A failure to collect three or more samples for Cryptosporidium analysis is a Tier 2 violation requiring special notice, as specified in Section 611.911. All other monitoring and testing procedure violations are Tier 3.

BOARD NOTE: Derived from Appendix A to Subpart Q to 40 CFR 141 (2014)~~(2013)~~.

(Source: Amended at 39 Ill. Reg. 3713, effective February 24, 2015)

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

1) Heading of the Part: Standards and Requirements for Potable Water Supply Well Surveys and for Community Relations Activities Performed in Conjunction with Agency Notices of Threats from Contamination

2) Code Citation: 35 Ill. Adm. Code 1600

3)

Section Numbers:	Adopted Action:
1600.110	Amendment
1600.300	Amendment
1600.310	Amendment
1600.315	Amendment
1600.320	Amendment
1600.325	Amendment
1600.APPENDIX A	Amendment

4) Statutory Authority: Implementing Sections 25d-3(c) and 25d-7(a) and authorized by Section 25d-7(a) of the Environmental Protection Act (Act) [415 ILCS 5/25d-3(c), 25d-7(a)]

5) Effective Date of Rule: February 26, 2015

6) Does this rulemaking contain an automatic repeal date? No

7) Does this rulemaking contain incorporations by reference? No

8) A copy of the adopted rulemaking including any material incorporated is on file in the Board's Chicago office at the James R. Thompson Center, 100 W. Randolph Street, Suite 11-500, and is available there for public inspection.

9) Notice of Proposal published in the *Illinois Register*: December 5, 2014; 38 Ill. Reg. 22411

10) Has JCAR issued a Statement of Objection to this rulemaking? No

11) Differences between Proposal and Final Version: Since adopting its first-notice proposal on November 20, 2014, the Board amended Section 1600.310(a)(3) to clarify that community relations requirements apply to specified releases threatening exposure above remediation objectives for the current use or uses off-site.

The Board also amended Section 1600.310(b)(2)(D) to clarify that a required contact list must include owners of specified properties at which soil contamination threatens exposure above remediation objectives for the current use or uses.

The Board also amended Section 1600.315(a)(3) to clarify that expanded community relations requirement apply to specified releases threatening exposure above remediation objectives for the current use or uses off-site.

The Board also amended Section 1600.315(b)(3)(D)(iv) and (vi) to clarify that a contact list required as an element of an expanded community relations plan must include owners of specified properties at which contamination threatens exposure above remediation objectives for the current use or uses.

The Board also amended Section 1600.315(b)(3)(I) to clarify that a fact sheet required as part of an expanded community relations plan must include a representative or representatives from which information can be obtained.

The Board also amended Section 1600.APPENDIX A to clarify that a model community relations plan includes a contact list including owners of specified properties at which contamination threatens exposure above remediation objectives for the current use or uses.

12) Have all the changes agreed upon by the Agency and JCAR been made as indicated in the agreements letter issued by JCAR? Not applicable

13) Will this rulemaking replace an emergency rule currently in effect? No

14) Are there any rulemakings pending on this Part? No

15) Summary and Purpose of Rulemaking: A more complete description of this proposal may be found in the Board's opinion and order of February 19, 2015, in docket R14-23.

The Board originally adopted the Right to Know rules as Part 1600 on September 7, 2006. These rules implement Section 25d of the Environmental Protection Act (Act) [415 ILCS 5/25d], which requires public notification when contamination poses a threat of exposure above the appropriate remediation objectives on one or more offsite properties.

Subsequent legislative and rulemaking actions have created a gap between the environmental media of concern that require, the exposure routes identified in the Board's Tiered Approach to Corrective Action Objectives (TACO) rules, and Part 1600. The Board proposes amendments to conform Part 1600 to these recent statutory and regulatory actions. Specifically, the Board proposes to require notice to specified members of the public if measured offsite soil gas contamination from the site where the release occurred poses a threat of exposure above the appropriate Tier I remediation objectives; or measured offsite groundwater contamination from volatile chemicals poses a threat of indoor inhalation exposure above the appropriate Tier I remediation objectives.

16) Information and questions regarding this adopted rule shall be directed to:

Timothy J. Fox
Illinois Pollution Control Board
100 W. Randolph Street, Suite 11-500
Chicago IL 60601

312/814-6085
tim.fox@illinois.gov

Copies of the Board's opinions and orders may be requested from the Clerk of the Board at the address listed in #8 above or by calling 312/814-3620. Please refer to the docket number R14-23 in your request. The Board order is also available from the Board's Web site (www.ipcb.state.il.us).

The full text of the Adopted Amendments begins on the next page:

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

TITLE 35: ENVIRONMENTAL PROTECTION
SUBTITLE O: RIGHT TO KNOW
CHAPTER I: POLLUTION CONTROL BOARD

PART 1600
STANDARDS AND REQUIREMENTS FOR POTABLE WATER SUPPLY WELL SURVEYS AND FOR COMMUNITY RELATIONS ACTIVITIES PERFORMED IN CONJUNCTION WITH AGENCY NOTICES OF THREATS FROM CONTAMINATION

SUBPART A: GENERAL

Section
1600.100 Purpose and Scope
1600.105 Applicability
1600.110 Definitions
1600.115 Severability

SUBPART B: STANDARDS AND REQUIREMENTS FOR POTABLE WATER SUPPLY WELL SURVEYS

Section
1600.200 Purpose and Scope
1600.205 Applicability
1600.210 Procedures for Potable Water Supply Well Surveys

SUBPART C: STANDARDS AND REQUIREMENTS FOR COMMUNITY RELATIONS ACTIVITIES

Section
1600.300 Purpose and Scope
1600.305 Applicability
1600.310 Notices and Community Relations Plans for Limited Community Relations Activities
1600.315 Notices, Fact Sheets and Community Relations Plans for Expanded Community Relations Activities
1600.320 Establishment of Document Repository
1600.325 Submission of Notices, Contact Lists, Fact Sheets and Community Relations Plans for Review

1600.330 Agency Reviews of Notices, Contact Lists, Fact Sheets and Community Relations Plans
1600.335 Implementation of Community Relations Plans and Distribution of Notices and Fact Sheets; Records Retention
1600.340 Compliance

1600.APPENDIX A Contents of a Model Community Relations Plan

AUTHORITY: Implementing Sections 25d-3(c) and 25d-7(a) and authorized by Sections 4(i), 25d-7(a), and 27 of the Environmental Protection Act [415 ILCS 5/4(i), 25d-3(c), 25d-7(a), and 27].

SOURCE: Adopted in R06-23 at 30 Ill. Reg. 15756, effective September 15, 2006; amended in R14-23 at 39 Ill. Reg. 3968, effective February 26, 2015.

SUBPART A: GENERAL

Section 1600.110 Definitions

Except as stated in this Section, or unless a different meaning of a word or term is clear from the context, the definitions of words or terms in this Part shall be the same as that applied to the same words or terms in Title I or Title VI-D of the Environmental Protection Act.

"Act" means the Environmental Protection Act [415 ILCS 5].

"Agency" is the Illinois Environmental Protection Agency. [415 ILCS 5/3.105]

"Authorized party" means a person authorized by the Agency under subsection (c) of Section 25d-3 of the Act [415 ILCS 5/25d-3(c)] and Subpart C of this Part to provide notice as part of Agency-approved community relations activities in lieu of a notice required to be given by the Agency.

"Board" is the Pollution Control Board. [415 ILCS 5/3.130]

"Building control technology" means any technology or barrier that affects air flow or air pressure within a building for purposes of reducing or preventing contaminant migration to the indoor air.

"Class I groundwater quality standards" means the Class I groundwater quality

standards located at 35 Ill. Adm. Code 620.410.

"Contaminant" is any solid, liquid or gaseous matter, any odor, or any form of energy, from whatever source. [415 ILCS 5/3.165]

~~*"Contamination" or "contaminate", when used in connection with groundwater, means water pollution of such groundwater.* [415 ILCS 5/3.170]~~

"CRP" means the community relations plan required under Title VI-D of the Act and Subpart C of this Part.

"Person" means individual, trust, firm, joint stock company, joint venture, consortium, commercial entity, corporation (including a government corporation), partnership, association, state, municipality, commission, political subdivision of a state, or any interstate body, including the United States Government and each department, agency and instrumentality of the United States. [415 ILCS 5/58.2]

"Person performing a response action" means the person or persons~~person(s)~~ taking responsibility for addressing a release by authorizing or approving the performance of a response action (e.g., Leaking Underground Storage Tank Program owner or operator, Site Remediation Program Remediation Applicant, permittees). The phrase does not include persons who have been hired or authorized to perform the response action by the person taking responsibility for the release or persons with whom the person taking responsibility for the release has contracted or subcontracted to perform the response action.

"Release" means any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment, but excludes any release which results in exposure to persons solely within a workplace, with respect to a claim which such persons may assert against the employer or such persons; emissions from the engine exhaust of a motor vehicle, rolling stock, aircraft, vessel, or pipeline pumping station engine; release of source, byproduct, or special nuclear material from a nuclear incident, as those terms are defined in the federal Atomic Energy Act of 1954, if such release is subject to requirements with respect to financial protection established by the Nuclear Regulatory Commission under Section 170 of such Act; and the normal application of fertilizer. [415 ILCS 5/3.395]

"Response action" means any action or series of actions taken to address a release of contaminants or its effects as may be necessary or appropriate to protect human health or the environment. A response action may include, but is not limited to, release investigation and characterization, soil remediation, and groundwater remediation.

"Soil gas" means the air existing in void spaces in the soil between the groundwater table and the ground surface. [415 ILCS 5/25d-1]

"Tier 1 remediation objectives" means the Tier 1 remediation objectives located at 35 Ill. Adm. Code 742.

"Volatile chemicals" means chemicals with a Dimensionless Henry's Law Constant of greater than 1.9 x 10^{-2} or a vapor pressure greater than 0.1 Torr (mmHg) at 25°C. For purposes of the indoor inhalation exposure route, elemental mercury is included in this definition.

(Source: Amended at 39 Ill. Reg. 3968, effective February 26, 2015)

SUBPART C: STANDARDS AND REQUIREMENTS FOR COMMUNITY RELATIONS ACTIVITIES

Section 1600.300 Purpose and Scope

a) The purpose of this Subpart C is to establish the minimum standards and requirements for the development and implementation of community relations activities in accordance with Section 25d-7 of the Act when the Agency has authorized a person to provide the notice pursuant to subsections (a) and (c) of Section 25d-3 of the Act as part of the Agency-approved community relations activities. In addition, it is the purpose of this Part to ensure that these community relations activities fully inform communities and individuals in a timely manner about offsite impacts or potential impacts from soil, soil gas, or groundwater contamination, or any combination thereof~~both~~ and the responses to such impacts. This Subpart C contains the minimum requirements for the content, submission for review, distribution and implementation of notices, contact lists, fact sheets and CRPs~~community relations plans~~, and the establishment and maintenance of document repositories.

b) Subpart C Not a Limitation:

1) This Subpart C establishes minimum requirements for community relations activities when such activities are to be performed in place of a notice by the Agency in accordance with subsection (a) of Section 25d-3 of the Act. Nothing in this Subpart C is intended to prohibit or prevent a person from implementing other community relations activities sooner than required by this Subpart or under circumstances in addition to those described in this Subpart. The Agency may recommend that community relations activities be performed at other times and under other circumstances and may offer assistance with development and implementation of such activities where resources permit.

2) Nothing in this Subpart C is intended to limit in any way the Agency's authority to provide independent notice of threats of exposure to the public from soil, soil gas, or groundwater contamination, or any combination thereof~~both~~, in accordance with Title VI-D of the Act [415 ILCS 5/25d-1 through 25d-10] and implementing rules or under any other authority.

(Source: Amended at 39 Ill. Reg. 3968, effective February 26, 2015)

Section 1600.310 Notices and Community Relations Plans for Limited Community Relations Activities

a) Authorized parties must comply with community relations requirements in this Section if:

1) Measured or modeled groundwater contamination from the site where the release occurred (including the impact from soil contamination in concentrations exceeding the applicable remediation objectives for the soil component of the groundwater ingestion exposure route) poses a threat above the Class I groundwater quality standards ~~at 35 Ill. Adm. Code 620~~ at five or fewer offsite private, semi-private, or non-community water system wells; ~~or~~

2) Measured offsite groundwater contamination from volatile chemicals from the site where the release occurred poses a threat of indoor inhalation exposure above the appropriate Tier 1 remediation objectives for the current use or uses at five or fewer offsite properties;

3~~2~~) Offsite soil contamination from the site where the release occurred poses a threat of exposure~~ to the public~~ above the appropriate Tier 1 remediation objectives for the current use or uses~~use(s)~~ at five or fewer offsite properties; or~~.~~

4) Measured offsite soil gas contamination from the site where the release occurred poses a threat of exposure above the appropriate Tier 1 remediation objectives for the current use or uses at five or fewer offsite properties.

b) An authorized party, within the limits set forth in subsection (a) of this Section, must develop a notice and ~~community relations plan (~~CRP~~)~~ consisting of a contact list and fact sheet in accordance with this subsection (b).

1) Notices issued under subsection (c) of Section 25d-3 of the Act and this Part must be distributed in accordance with Section 1600.335~~1600.355~~ of this Part to the contact list as derived from subsection (b)(2) of this Section and may contain the following information:

A) *The name and address of the site or facility where the release occurred or is suspected to have occurred;*

B) *The identification of the contaminant released or suspected to have been released;*

C) *Information as to whether the contaminant was released or suspected to have been released into the air, land, or water;*

D) *A brief description of the potential adverse health effects posed by the contaminant;*

E) *A recommendation that water systems with wells impacted or potentially impacted by the contamination be appropriately tested; and*

F) *The name, business address, and phone number of persons at the Agency from whom additional information about the release or suspected release can be obtained.* [415 ILCS 5/25d-3(c)]

2) The authorized party must prepare a contact list, which must consist of ~~including, but not limited to, the following~~ affected, potentially affected, and ~~or~~ interested persons, including, but not limited to~~, as applicable~~:

A) Owners of offsite properties served by private, semi-private, or non-community water system wells that have been or may be impacted by groundwater contamination from the release;

B) Owners of offsite properties without potable water supply wells but with groundwater that has been or may be impacted by groundwater contamination from the release;

C) Owners of offsite properties with buildings located above groundwater with measured contamination from volatile chemicals that poses a threat of indoor inhalation exposure above the appropriate Tier 1 remediation objectives for the current use or uses;

D~~B~~) Owners of offsite properties with soil contamination posing a threat of exposure above the appropriate Tier 1 remediation objectives for the current use or uses~~use(s)~~;

E) Owners of offsite properties with measured soil gas contamination posing a threat of exposure above the appropriate Tier 1 remediation objectives for the current use or uses;

F~~C~~) Occupants of the properties identified in subsections (b)(2)(A), (b)(2)(C), (b)(2)(D), and (b)(2)(E)~~and (b)(2)(B)~~ of this Section to the extent reasonably practicable. The contact list must include the methods by which the authorized party has attempted to identify the occupants; and

~~D) Owners of properties without potable water supply wells but with groundwater that has been or may be impacted by groundwater contamination from the release; and~~

G~~E~~) Officials of units~~each unit~~ of government serving the affected or potentially affected properties, including but not limited to State and federal legislators, county board chairs and county clerks,

~~township supervisors, and~~ mayors or village presidents~~, and~~ city or village clerks, and environmental health administrators for State and local health departments. Officials of specialized districts (e.g., school, drainage, park districts) may be excluded from the contact list unless required pursuant to subsections (b)(2)(A) through (b)(2)(F)~~(b)(2)(D)~~ of this Section.

3) The authorized party must develop a fact sheet for the release and response action. The fact sheet must be distributed in accordance with Section 1600.335 of this Part to the contact list as derived from subsection (b)(2) of this Section. The fact sheet must be written clearly and concisely in non-technical, non-legal terminology. The fact sheet and any required updates must contain, at a minimum, the following information to the extent available:

A) The nature and extent of the contaminant or contaminants identified on and off the site where the release occurred;

B) A brief description of the pathway or pathways of potential exposure and the potential adverse public health effects posed by the contaminant or contaminants;

C) A description of the appropriate actions that~~any precautionary measures~~ affected or potentially affected persons~~parties~~ should take to evaluate the potential for threats to human health via a completed exposure pathway~~avoid or reduce potential public health impacts~~, including potable water supply well sampling, soil gas sampling, and any other actions, as well as any precautionary measures necessary to avoid or reduce public health impacts, if~~ and analysis recommendations, as~~ appropriate;

D) A non-technical description of the steps that are proposed to address the contamination, including, but not limited to, soil excavation and treatment, disposal or redistribution, pump-and-treat, bio-remediation, reliance on engineered barriers or institutional controls, groundwater monitoring, building control technologies, and so forth;

E) The anticipated remediation schedule through completion of the project, including any operation, maintenance, or monitoring following construction of the remedy;

F) The ~~nature of the~~ closure documentation expected from the Agency (e.g., focused or comprehensive No Further Remediation (NFR) Letter, permit modification, or Section 4(y) letter) and a summary of the contents of the closure documentation (e.g., reliance on engineered barriers, ~~or~~ institutional controls, or building control technologies);

G) Responses to key community concerns as expressed by affected, potentially affected, and interested persons~~parties~~;

H) The date of preparation of the fact sheet, the name of the representative or representatives~~representative(s)~~ of the business, site or facility from whom information and site-related documents may be obtained, and e-mail address, postal address and telephone number where the representative or representatives~~representative(s)~~ can be reached; and

I) The name, e-mail address, postal address, and telephone number of the Agency's designated staff person and a statement that additional information and site-related documents may be available by contacting the Agency's designated staff person or by filing a request for site-specific information with the ~~appropriate~~ Agency ~~bureau~~ in accordance with the Freedom of Information Act [5 ILCS 140].

c) For information that is not available when a fact sheet is prepared pursuant to subsection (b)(3) of this Section, the submission of the fact sheet to the Agency for review must be accompanied by an explanation of why the information is unavailable at the time of the submission of the fact sheet and an estimate of when the missing information will be supplied in a revised fact sheet.

d) Fact sheets and contact lists developed in accordance with this Section must be updated and redistributed whenever new information is obtained or developed or circumstances change so that there is a material change to the information required or provided in the fact sheet (e.g., completion of site investigation and

characterization of the nature and extent of contaminants, higher concentrations of contaminants than previously detected, evidence of additional contaminants of concern or of a larger area affected by contamination, approval of plans or reports, completion of response action activities).

(Source: Amended at 39 Ill. Reg. 3968, effective February 26, 2015)

Section 1600.315 Notices, Fact Sheet and Community Relations Plans for Expanded Community Relations Activities

a) Authorized parties must comply with the community relations requirements in this Section if:

1) Measured or modeled groundwater contamination from the site where the release occurred (including the impact from soil contamination in concentrations exceeding the applicable remediation objectives for the soil component of the groundwater ingestion exposure route) poses a threat above the Class I groundwater quality standards ~~at 35 Ill. Adm. Code 620~~ at more than five offsite private, semi-private, or non-community water system wells or one or more community water system wells; ~~or~~

2) Measured offsite groundwater contamination from volatile chemicals from the site where the release occurred poses a threat of indoor inhalation exposure above the appropriate Tier 1 remediation objectives for the current use or uses at more than five offsite properties;

3~~2~~) Offsite soil contamination from the site where the release occurred poses a threat of exposure ~~to the public~~ above the appropriate Tier 1 remediation objectives for the current use or uses~~use(s)~~ at more than five offsite properties; or~~.~~

4) Measured offsite soil gas contamination from the site where the release occurred poses a threat of exposure above the appropriate Tier 1 remediation objectives for the current use or uses at more than five offsite properties.

b) An authorized party exceeding the limits set forth in subsection (a) of this Section must develop a notice and a CRP~~community relations plan~~ and fact sheet in accordance with this subsection (b). Appendix A of this Part contains the outline

of a model CRP~~community relations plan~~ that may be appropriate for a site subject to this Section.

1) Notices must be developed in accordance with subsection (b)(1) of Section 1600.310 of this Part and distributed in accordance with Section 1600.335 of this Part to the contact list as derived from subsection (b)(2)(D) of this Section.

2) The CRP must be implemented in accordance with Section 1600.335 of this Part and must include, but is not limited to, the following elements to the extent related to the contaminant or contaminants being addressed in the response action:

A) A description of the site or facility and details of the release and any related soil, soil gas, or groundwater contamination;

B) A list of community issues and concerns collected from affected, potentially affected, and interested persons~~parties~~ identified though the process outlined in subsection (b)(2)(D) of this Section;

C) A community relations program including elements of outreach, methods for maintaining a dialogue with affected, potentially affected, and interested persons~~parties~~, and a schedule for activities and objectives; and

D) The process for identifying and updating the contact list, which must consist of affected, potentially affected, and interested persons~~parties~~, including, but not limited to:

i) Owners of offsite properties served by private, semi-private, or non-community water systems that have been or may be impacted by groundwater contamination from the release;

ii) Owners and operators of community water system wells that have been or may be impacted by groundwater contamination from the release;

iii) Owners of offsite properties without potable water supply wells but with groundwater that has been or may be impacted by groundwater contamination from the release;

iv) Owners of offsite properties with buildings located above groundwater with measured contamination from volatile chemicals that poses a threat of indoor inhalation exposure above the appropriate Tier 1 remediation objectives for the current use or uses;

v~~iv~~) Owners of offsite properties with soil contamination posing a threat of exposure above the appropriate Tier 1 remediation objectives for the current use or uses~~use(s)~~;

vi) Owners of offsite properties with measured soil gas contamination posing a threat of exposure above the appropriate Tier 1 remediation objectives for the current use or uses;

vii~~v~~) Occupants of the properties identified in subsections (b)(2)(D)(i), ~~and~~ (b)(2)(D)(iv), (b)(2)(D)(v), and (b)(2)(D)(vi) of this Section to the extent reasonably practicable. The CRP~~community relations plan~~ must include the methods by which the authorized party will attempt to identify the occupants;

viii~~vi~~) Officials of units of government serving the affected and potentially affected properties, including but not limited to federal and State legislators, county board chairpersons and county clerks, mayors or village presidents, city or village clerks, and environmental health administrators for State and county health departments. Officials of specialized districts (e.g., school, drainage, park districts) may be excluded from the contact list unless required pursuant to subsections (b)(2)(D)(i) through (b)(2)(D)(vii), or (b)(2)(D)(ix) of this Section~~Local, State and federal officials whose jurisdiction covers the affected and potentially affected properties, including: mayor or village president, city or village clerk, township supervisors,~~

~~county board chair and county clerk, city and county health department administrator, State and federal legislators~~; and

ix~~vii~~) Citizens, identified groups, organizations or businesses within a minimum of 1,000 feet from the site where the release occurred that may have an interest in learning about affected and potentially affected properties (e.g., public and private school administrators, parent organization ~~Parent - Teacher Association~~ leaders; day care center, senior center, and nursing home management; neighborhood or homeowner association or other community leaders as identified; hospital and clinic management; and recognized environmental or citizen advisory groups). If approved by the Agency, the initial minimum distance of 1,000 feet may be expanded or contracted as the CRP and contact list are updated based on new information developed during the response action.

3) Along with the development of a notice and CRP in accordance with subsections (b)(1) and (b)(2) of this Section, the authorized party must develop and distribute a fact sheet for the release and response action. The fact sheet must be distributed in accordance with Section 1600.335 of this Part to the contact list as derived from subsection (b)(2)(D)~~(b)(1)(D)~~ of this Section. The fact sheet must be written clearly and concisely in non-technical, non-legal terminology. If a significant portion of the population surrounding the site where the release occurred is non-English speaking, the fact sheet and any updates to the fact sheet must be produced and distributed in ~~both~~ English and any other~~another~~ predominant languages spoken in the affected area~~language~~. The fact sheet and any required updates must contain, at a minimum, the following information to the extent available:

A) The nature and extent of the contaminant or contaminants identified on-site and off-site of the site where the release occurred;

B) A brief description of the pathway or pathways of potential exposure and the potential adverse public health effects posed by the contaminant or contaminants;

C) A description of the appropriate actions that~~any precautionary measures~~ affected or potentially affected persons~~parties~~ should take to evaluate the potential for threats to human health via a completed exposure pathway~~avoid or reduce potential public health impacts~~, including potable water supply well sampling, soil gas sampling, and any other actions, as well as any precautionary measures necessary to avoid or reduce public health impacts, if ~~recommendations, as~~ appropriate;

D) A non-technical description of the steps that are proposed to address the contamination, including, but not limited to, soil excavation and treatment, disposal or redistribution, pump-and-treat, bio-remediation, reliance on engineered barriers or institutional controls, groundwater monitoring, building control technologies, and so forth;

E) The anticipated remediation schedule through completion of the project, including any operation, maintenance, or monitoring following construction of the remedy;

F) The~~ nature of the~~ closure documentation expected from the Agency (e.g., focused or comprehensive NFR Letter, permit modification, or Section 4(y) letter) and a summary of the contents of the closure documentation (e.g., reliance on engineered barriers, ~~or~~ institutional controls, or building control technologies);

G) Responses to key community concerns as expressed by affected, potentially affected, and interested persons~~parties~~;

H) The World Wide Web address of the Document Repository established pursuant to Section 1600.320 of this Part and the address and hours of the document repository established at a physical location, if also required pursuant to Section 1600.320 of this Part;

I) The date of preparation of the fact sheet, the name of the representative or representatives~~representative(s)~~ of the business, site or facility from whom information and copies of repository

and other site-related documents may be obtained, and e-mail address, postal address and telephone number where the representative or representatives~~representative(s)~~ can be reached; and

J) The name, e-mail address, postal address and telephone number of the Agency's designated staff person and a statement that additional information and site-related documents may be available by contacting the Agency's designated staff person or by filing a request for site-specific information with the ~~appropriate~~ Agency ~~bureau~~ in accordance with the Freedom of Information Act [5 ILCS 140].

c) For information that is not available when a fact sheet is prepared pursuant to subsection (b)(3)~~(2)~~ of this Section, the submission of the fact sheet to the Agency for review shall be accompanied by an explanation of why the information is unavailable at the time of the submission of the fact sheet and an estimate of when the missing information will be supplied in a revised fact sheet.

d) Updates

1) Fact sheets developed in accordance with subsection (b)(3)~~(2)~~ of this Section must be updated and redistributed whenever new information is obtained or developed or circumstances change so that there is a material change to the information required or provided in the fact sheet (e.g., completion of site investigation and characterization of the nature and extent of contaminants, higher concentrations of contaminants than previously detected, evidence of additional contaminants of concern or of a larger area affected by contamination, approval of plans or reports, completion of response action activities).

2) The CRP including, but not limited to, the contact list must be reviewed on a regular basis and updated, as necessary, to ensure that timely and accurate information is provided to affected, potentially affected and interested persons~~parties~~ and communities about releases of contaminants with actual or potential impacts to offsite wells, offsite property uses, or both. A current version of the publicly available CRP must be kept in the document repository described in Section 1600.320.

(Source: Amended at 39 Ill. Reg. 3968, effective February 26, 2015)

Section 1600.320 Establishment of Document Repository

Authorized parties developing a CRP pursuant to Section 1600.315 of this Part also must establish a document repository for the purpose of displaying documents and providing copies of those documents. The document repository must be established at a World Wide Web site. A document repository at a physical location as described under subsection (c) of this Section also must be established if a request for a repository at a physical location is made to the authorized party or to the Agency.

a) The document repository must include the notice, CRP~~community relations plan~~, all public notices (e.g., proof of publication for newspaper or other published notices, letters, door hangers, or other forms of public notification), all fact sheets, all applications, plans and reports submitted to the Agency for review and approval and subsequent Agency comment packages, and all final determinations by the Agency, such as an NFR~~a No Further Remediation~~ Letter, permit modification, or other project completion documentation.

1) The authorized party must update the repository promptly and continuously as notices, fact sheets, plans, reports, comment packages, and Agency decisions are generated throughout the process.

2) The documents must be created, organized and indexed so that affected, potentially affected, or interested persons can identify, locate, and download documents of interest.

3) The repository must include the business, site or facility representative's e-mail, postal address, and telephone number where inquiries can be directed and persons can request copies of repository documents and other site-related documents by mail.

b) Repositories at World Wide Web Sites

1) The documents must be in a readily available format for downloading and printing (e.g., portable document format (.pdf), graphic interchange format (.gif), tagged image file format (.tiff), joint photographic group format (.jpg)) with links to web sites where software to view and print the documents may be downloaded.

2) Documents that cannot be converted to a readily available format for downloading and printing must be described in the document index, identified as available upon request, and made available in accordance with subsection (a)(3) of this Section.

3) System capacity must be sufficient to support the viewing and downloading of the documents in the repository and to accommodate the anticipated number of viewers.

c) Repositories at Physical Locations

1) Repositories established at physical locations must be established no later than ten business days after receipt of a request for a repository at a physical location or receipt of the Agency's notification that a request has been made to the Agency, whichever is earlier.

2) Repositories established at a physical location must be at a public location (e.g., public library, city hall) and open to the public at times convenient to affected, potentially affected, or interested persons.

d) Information deemed trade secrets or non-disclosable in accordance with Board procedures at 35 Ill. Adm. Code 130 or Agency procedures at 2 Ill. Adm. Code 1828 may be redacted or excluded from the repository consistent with the requirement for providing the public all documents that have not been deemed confidential. Information to be added to the document repository also must be screened to ensure that personal information identifying affected, potentially affected, or interested persons or their exact property locations is not disclosed.

e) The document repository may be discontinued no less than 180 days after the recording of the NFR Letter or the issuance of other project completion documentation by the Agency (e.g., permit modification, closure letter, "4(y) letter" (see 415 ILCS 5/4(y))).

(Source: Amended at 39 Ill. Reg. 3968, effective February 26, 2015)

Section 1600.325 Submission of Notices, Contact Lists, and Fact Sheets and Community Relations Plans for Review

a) Except as provided in subsection (b) of this Section or Section 1600.330(d) of this Part, authorized parties must, within 30 days after the date of their acceptance:

1) Submit to the Agency a notice and CRP~~community relations plan~~ satisfying the requirements of Section 1600.310(b) of this Part or a notice, CRP, fact sheet, and contact list satisfying the requirements of Section 1600.315(b) of this Part; and

2) Establish a World Wide Web~~web~~ site document repository if required in accordance with Section 1600.320 of this Part.

b) Updates of CRPs, fact sheets or both and updates of contact lists prepared pursuant to Section 1600.310(d) or Section 1600.315(d) of this Part also must be submitted for Agency review in accordance with subsection (a) of this Section, except that the updates must be submitted to the Agency within ten days after preparing the revised CRP or developing or obtaining new information that would materially change the information required or provided in the fact sheet.

c) If authorized by the Agency, CRPs, notices, contact lists or fact sheets may be filed in specified electronic formats.

(Source: Amended at 39 Ill. Reg. 3968, effective February 26, 2015)

Section 1600.APPENDIX A Contents of a Model Community Relations Plan

This Appendix A lists the four key elements of a CRP~~community relations plan~~ for an authorized party proceeding under Section 1600.315 of this Part and several factors that might be included with each element in a CRP~~community relations plan~~ prepared for the site where the release occurred. Unless otherwise required by rule, all the factors listed with each element may not be necessary for each site developing and implementing a CRP~~community relations plan~~ pursuant to this Part, but each factor should be considered when developing the CRP~~community relations plan~~.

1. Site/Facility Description: The CRP should provide ~~for the development~~ a brief overview of the site where the release occurred, including, but not limited to, a description of the business, site or facility, its current operations, previous land uses and previous remedial activities; the nature and extent of known contamination; and the known or potential threat to public health and the environment. The overview should include a map to an appropriate scale detailing the site location and surrounding area and showing roads and streets, homes and businesses, and geographic and other significant features.

2. Community Issues and Concerns: The CRP should provide ~~for the development of~~ a brief summary of the demographics of the area surrounding the site where the release occurred, including, but not limited to, the approximate percentage of non-English speaking persons among the affected, potentially affected and interested persons~~parties~~ and their preferred language or languages, key community concerns, and any preferred methods of communication as learned through research work, interviews, and surveys of a representative sample of affected, potentially affected, and interested persons~~parties~~ identified through the process outlined in the fourth element below.

3. Community Relations Program: The CRP should describe the community relations program objectives, action plan, and schedule to keep affected, potentially affected, and interested persons~~parties~~ apprised of conditions at the site, response actions, and actual or potential public health impacts. This section also should explain how the public will be notified of mailings or meetings. The contact persons~~person(s)~~ and contact information for public inquiries should be clearly defined. Additionally, details about the location of, and access to, the document repository should be outlined in this section of the CRP.

4. Contact List: The CRP should outline the process for identifying and updating a contact list and developing a contact database of affected, potentially affected, and interested persons,~~parties~~ including, but not limited to:

A. Owners~~ and occupants~~ of offsite properties served by private, semi-private, or non-community water systems that have been or may be impacted by groundwater contamination from the release;

B. Owners and operators of community water system wells that have been or may be impacted by groundwater contamination from the release;

C. Owners of offsite properties without potable water supply wells but with groundwater that has been or may be impacted by groundwater contamination from the release;

D. Owners of offsite properties with buildings located above groundwater with measured contamination from volatile chemicals that poses a threat of indoor inhalation exposure above the appropriate Tier 1 remediation objectives for the current use or uses;

E.~~D.~~ Owners~~ and occupants~~ of offsite~~off-site~~ properties with soil contamination posing a threat of exposure above the appropriate Tier 1 remediation objectives for the current use or uses~~use(s)~~;

F. Owners of offsite properties with measured soil gas contamination posing a threat of exposure above the appropriate Tier 1 remediation objectives for the current use or uses;

G~~E~~. Occupants of properties identified in paragraphs A, D, E, and F~~D~~ to the extent reasonably practicable. The CRP~~community relations plan~~ must include the methods by which the authorized party will attempt to identify the occupants;

H~~F~~. Officials of units of government serving the affected and potentially affected properties, including but not limited to federal and State legislators, county board chairpersons and county clerks, mayors or village presidents, city or village clerks, and environmental health administrators for State and county health departments. Officials of specialized districts (e.g., school, drainage, park districts) may be excluded from the contact list unless required pursuant to Section 1600.315(b)(2)(D)(i) through (b)(2)(D)(vii), or (b)(2)(D)(ix)~~Local, State and federal officials whose jurisdiction covers the affected and potentially affected properties including: mayor or village president, city or village clerk, township supervisors, county board chair and county clerk, city and county health department administrator; State and federal legislators~~; and

I~~G~~. Citizens, identified groups, organizations, or businesses within a minimum of 1,000 feet from the site where the release occurred that may have an interest in learning about affected and potentially affected properties (e.g., public and private school administrators, parent organization~~Parent - Teacher Association~~ leaders; day care center, senior center and nursing home management; neighborhood or homeowner association or other community leaders as identified; hospital and clinic management; and recognized environmental or citizen advisory groups). If approved by the Agency, the initial minimum distance of 1,000 feet may be expanded or contracted as the CRP and contact list are updated based on new information developed during the response action.

(Source: Amended at 39 Ill. Reg. 3968, effective February 26, 2015)

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF ADOPTED AMENDMENTS

1) Heading of the Part: Water Well Construction Code

2) Code Citation: 77 Ill. Adm. Code 920

3)

Section Numbers:	Adopted Action:
920.10	Amendment
920.Table C	Amendment

4) Statutory Authority: Illinois Water Well Construction Code [415 ILCS 30]

5) Effective Date of Rule: March 2, 2015

6) Does this rulemaking contain an automatic repeal date? No

7) Does this rulemaking contain incorporations by reference? No

8) A copy of the adopted amendments, including any material incorporated by reference, is on file in the Agency's principal office and is available for public inspection.

9) Notice of Proposed published in the *Illinois Register*: July 25, 2014; 38 Ill. Reg. 15874

10) Has JCAR issued a Statement of Objection to this rulemaking? No

11) Differences between Proposal and Final Version: The following changes were made in response to comments received during the First Notice period:

All of the following changes are in the footnotes in Section 920. Table C.

In footnote #3, delete "retention or detention"

In footnote #3, replace everything after "when:" with:

"1) The borehole is grouted the same day that it is constructed; and"

"2) The top 20 feet of the borehole is bored to a diameter at least 3 inches greater than the total diameter of the heat exchanger; and"

"3) The enlarged top 20 feet of the borehole is grouted with bentonite chips manufactured for well sealing within 24 hours after the construction of the borehole."

In footnote #5, replace everything after "met:" with

"1) The borehole is grouted the same day that it is constructed; and"

"2) The top 20 feet of the borehole is bored to a diameter at least 3 inches greater than the total diameter of the heat exchanger; and"

"3) The enlarged top 20 feet of the borehole is grouted with bentonite chips manufactured for well sealing within 24 hours after the construction of the borehole."

In footnote #6, replace everything after "when:" with

"1) The borehole is grouted the same day that it is constructed; and"

"2) The top 20 feet of the borehole is bored to a diameter at least 3 inches greater than the total diameter of exchanger; and,"

"3) The enlarged top 20 feet of the borehole is grouted with bentonite chips manufactured for well sealing within 24 hours after the construction of the borehole."

In addition, various typographical, grammatical and form changes were made in response to the comments from JCAR.

12) Have all the changes agreed upon by the Agency and JCAR been made as indicated in the agreements issued by JCAR? Yes

13) Will this rulemaking replace any emergency rule currently in effect? No

14) Are there any rulemakings pending on this Part? No

15) Summary and Purpose of Rulemaking: The addition of the definition of "Storm Sewer" clarifies the setback changes made to Section 920.Table C. The changes to Section 920.Table C represent the closed loop well advisory board's recommendations to the

Department. The changes reflect agreement between the Department and closed loop and water well drilling industries regarding the setback requirements between closed loop wells, water wells, and sources of contamination, specifically sewers. This rulemaking was recommended by the Joint Committee on Administrative Rules (JCAR). As part of a previous rulemaking adopted November 25, 2013, the Department agreed with JCAR to continue its discussions with the commentors concerning how the current 50-foot setback could be modified to accommodate geothermal applications and still protect the groundwater, and to propose a rulemaking within six months addressing the setback issue.

16) Information and questions regarding this adopted rule shall be directed to:

Elizabeth Paton, Assistant General Counsel
Division of Legal Services
Department of Public Health
535 West Jefferson, 5th Floor
Springfield IL 62761

217/782-2043
e-mail: dph.rules@illinois.gov

The full text of the Adopted Amendments begins on the next page:

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF ADOPTED AMENDMENTS

TITLE 77: PUBLIC HEALTH
CHAPTER I: DEPARTMENT OF PUBLIC HEALTH
SUBCHAPTER r: WATER AND SEWAGE

PART 920
WATER WELL CONSTRUCTION CODE

Section
920.10 Definitions
920.15 Incorporated and Referenced Materials
920.20 Scope
920.30 General Requirements
920.40 Design Factors
920.50 Location
920.60 Drilled Wells in Unconsolidated Formations
920.70 Drilled Well Construction in Consolidated Formations
920.80 Special Type Wells
920.90 Construction Materials and Other Requirements
920.100 Finishing and Testing
920.110 Modification of Wells
920.120 Abandoned Wells
920.130 Water Well Permit Requirements
920.140 Administrative Hearings
920.150 Designation of Agents of the Department
920.160 Issuance of Water Well and Closed Loop Well Permits by Units of Local Government or Local Health Departments
920.170 Monitoring Wells
920.180 Closed Loop Wells
920.190 Assurance of Potable Water Supply
920.200 Closed Loop Well System Permit Requirements
920.210 Examination for Closed Loop Well Contractor Certification and Fees
920.220 Closed Loop Contractor Registration, Renewal and Fees
920.230 Registered Closed Loop Well Contractor Responsibility
920.240 Closed Loop Well Continuing Education Sessions
920.250 Approval of Closed Loop Well Third Party Organizations

920.ILLUSTRATION A Unconsolidated Formations: Oversized Drill Hole
920.ILLUSTRATION B Unconsolidated Formations: Mechanically Driven Casing
920.ILLUSTRATION C Gravel Pack Construction

920.ILLUSTRATION D	Creviced Formations: Earth Cover Less Than 30 Feet Thick
920.ILLUSTRATION E	Creviced Formations: Earth Mantle Cover Over 30 Feet Thick − Oversized Drill Hole
920.ILLUSTRATION F	Creviced Formations: Earth Cover Over 30 Feet Thick − Mechanically Driven Casing
920.ILLUSTRATION G	Bored or Dug Well − Well Not Finished With Buried Slab
920.ILLUSTRATION H	Bored or Dug Well − Buried Slab Construction
920.ILLUSTRATION I	Installation of a Driven Well
920.ILLUSTRATION J	Sealing an Abandoned Well − Extending into a Creviced Formation
920.ILLUSTRATION K	Sealing an Abandoned Dug or Bored Well
920.ILLUSTRATION L	Sealing an Abandoned Well Extending into More Than One Water Bearing Formation
920.ILLUSTRATION M	Sealing an Abandoned Buried Slab Bored Well
920.TABLE A	Steel Casing and Liner Pipe Weights and Dimensions
920.TABLE B	Plastic Casing and Liner Pipe Specifications
920.TABLE C	Minimal Lateral Distances in Feet Between Water Wells, Closed Loop Wells, and Sources of Contamination

AUTHORITY: Implementing and authorized by the Illinois Water Well Construction Code [415 ILCS 30].

SOURCE: Adopted September 12, 1973; amended at 2 Ill. Reg. 42, p.35, effective October 16, 1978; rules repealed, new rules adopted and codified at 7 Ill. Reg. 9633, effective August 1, 1983; amended at 12 Ill. Reg. 2990, effective January 13, 1988; amended at 13 Ill. Reg. 11796, effective July 1, 1989; amended at 14 Ill. Reg. 228, effective January 1, 1990; amended at 14 Ill. Reg. 14871, effective September 1, 1990; amended at 15 Ill. Reg. 18188, effective January 1, 1992; amended at 18 Ill. Reg. 17684, effective November 30, 1994; amended at 22 Ill. Reg. 3973, effective April 1, 1998; amended at 24 Ill. Reg. 11934, effective August 1, 2000; amended at 37 Ill. Reg. 19676, effective November 25, 2013; amended at 39 Ill. Reg. 3992, effective March 2, 2015.

Section 920.10 Definitions

"Abandoned Well" means a water or monitoring well that is no longer used to supply water, or that is in such a state of disrepair that the well or boring has the potential for transmitting contaminants into an aquifer or otherwise threatens the public health or safety.

"Act" means the Illinois Water Well Construction Code [415 ILCS 30].

"Annular Space" means the opening between a well-hole excavation and the well casing or between a casing pipe and a liner pipe.

"Aquifer" means saturated (with groundwater) soils and geologic materials which are sufficiently permeable to readily yield economically useful quantities of water to wells, springs, or streams under ordinary hydraulic gradients. (Section 3(b) of the Illinois Groundwater Protection Act [415 ILCS 55/3(b)])

"Bentonite Grout" means a manufactured grout product that is a mixture of sodium bentonite and water mixed at the manufacturer's recommended ratio; a mixture of granulated sodium bentonite and water that consists of a minimum of 20 percent solid bentonite clay and water that is equivalent to 9.4 pounds/gallon; or sodium bentonite in the granulated or chip form. All bentonite products shall comply with National Sanitation Foundation (NSF) International requirements.

"Borehole" also known as "drill hole" means an excavation that is drilled, cored, driven, dug or otherwise constructed that penetrates an aquifer or that may degrade the quality of the aquifer.

"Cement" means a mixture consisting of cement, sand and water in the proportion of one bag of cement (94 pounds) and an equal volume of dry sand to not more than 6 gallons of clean water.

"Chemical Injection System" means any device or combination of devices having hose, pipe or other methods of conveyance that connect directly to any water well through which a mixture of water, pesticides and fertilizers is mixed or is drawn and applied to land, crops or plants at agricultural, nursery, turf, golf course or greenhouse sites.

"Closed Loop Well" means a sealed, watertight loop of pipe buried outside of a building foundation intended to re-circulate a liquid solution through a heat exchanger but is limited to the construction of the borehole and the grouting of the borehole and does not include the piping and appurtenances used in any other capacity. "Closed loop well" does not include any horizontal closed loop well systems where grouting is not necessary by law or standard industry practice. (Section 3(h) of the Act) "Closed Loop Heat Pump Well" means the same as "Closed Loop Well".

"Closed Loop Well Contractor" means any person who installs closed loop wells for another person. "Closed loop well contractor" does not include the employee of a closed loop contractor. (Section 3(j) of the Act)

"Closed Loop Well System" means a clustered group of closed loop wells that serve the same facility.

"Community Water System" means a public water system which serves at least 15 service connections used by residents or regularly serves at least 25 residents for at least 60 days per year. (Section 9(a)(1) of the Illinois Groundwater Protection Act)

"Consolidated Formation" means a geological formation that is firm rock referred to as bedrock.

"Construction" means all acts necessary to obtaining ground water by any method, including without limitation the location of and the excavation for the well, but not including prospecting, surveying or other acts preparatory to those activities*, nor the installation of pumps and pumping equipment.* (Section 3(a) of the Act)

"Contaminant" means any physical, chemical, biological, or radiological substance or matter in water. (Section 9(a)(2) of the Illinois Groundwater Protection Act)~~.~~

"Creviced, Consolidated Formation" is a consolidated formation characterized by fractures.

"Department" means the Illinois Department of Public Health.

"Detention Pond" is an engineered structure designed to store storm water from a rain event. The elevation of the outlet structure designed to meet the release rate requirement is equivalent to the lowest elevation of the pond.

"Driven Water Well" means a well constructed by joining a drive point with lengths of pipe and then driving or jetting the assembly into the ground with percussion equipment or by hand.

"Established Ground Surface" means the elevation of the ground surface at the site of the well.

"Finished Ground Surface" means the final or permanent elevation of the ground surface at the site of the well.

"Flowing Artesian Well" means a well in which the water from the confined aquifer rises above the finished ground surface.

"Ground Water" or "Groundwater" *means water of underground aquifers, streams, channels, artesian basins, reservoirs, lakes and other water under the surface of the ground, whether percolating or otherwise.* (Section 2(2) of the Illinois Water Well and Pump Installation Contractor's License Act)

"Horizontal Closed Loop Well Systems" means any open cut excavation where a watertight loop of pipe is buried outside of a building foundation that is intended to re-circulate a liquid solution through a heat exchanger.

"Mechanically Driven" means a procedure by which a casing is fitted with a drive shoe and driven with a force sufficient to firmly seat the casing in rock or to the desired depth in unconsolidated formations.

"Modification" means the alteration of the structure of an existing water well, including, but not limited to, deepening, elimination of a buried suction line, installation of a liner, replacing, repairing or extending casing, or replacement of a well screen. Pertaining to closed loop wells, "modification" also means any alteration to the construction of the borehole of an existing closed loop well, including, but not limited to, regrouting and installation of additional boreholes.

"Monitoring Well" means a water well intended for the purpose of determining groundwater quality or quantity.

"Neat Cement Grout" means a mixture consisting of one bag of cement (94 pounds) to not more than 6 gallons of clean water. Bentonite or similar material may be added up to 6 percent by dry weight to increase fluidity or to control shrinkage.

"Non-Community Water System" means a public water system which is not a community water system, and has at least 15 service connections used by

nonresidents, or regularly serves 25 or more nonresident individuals daily for at least 60 days per year. (Section 9(a)(4) of the Illinois Groundwater Protection Act)

"Pitless Adapter Unit" means a factory assembled device consisting of a pitless well adapter, a mechanism that attaches to the well casing, and a well casing riser in a single unit, for the purpose of preventing contaminants from entering the well.

"Pitless Well Adapter" means an assembly of parts that will permit water to pass through the wall of the well casing or extension of the wall; provides access to the well and to the parts of the water system within the well; and provides for the transportation of the water and the protection of the well and water in the well, from surface or near surface contamination. Parts or appurtenances to a pitless well adapter include, but are not limited to, the vent, the device or devices on or in the wall of the casing, and the cap or cover on top of the casing or casing extension.

"Potable" means generally fit for human consumption in accordance with accepted water supply principles and practices. (Section 3(h) of the Illinois Groundwater Protection Act)

"Potential Primary Source" means any unit at a facility or site not currently subject to a removal or remedial action which:

is utilized for the treatment, storage, or disposal of any hazardous or special waste (as defined in Section 3 of the Environmental Protection Act) *not generated at the site*; *or*

is utilized for the disposal of municipal waste not generated at the site, other than landscape waste (as defined in Section 3 of the Environmental Protection Act) *and construction and demolition debris*; *or*

is utilized for the landfilling, land treating, surface impounding or piling of any hazardous or special waste (as defined in Section 3 of the Environmental Protection Act) *that is generated on the site or at other sites owned, controlled or operated by the same person*; *or*

stores or accumulates at any time more than 75,000 pounds above ground,

or more than 7,500 pounds below ground, of any hazardous substances. (Section 3.345 of the Environmental Protection Act)

"Potential Route" means abandoned and improperly plugged wells of all kinds (i.e., those wells not plugged in accordance with this Part), *drainage wells, all injection wells, including closed-loop heat pump wells, and any excavation for the discovery, development or production of stone, sand or gravel. This term does not include closed-loop heat pump wells using* United States Pharmacopeia (*USP*) *food grade propylene glycol.* (Section 3.350 of the Environmental Protection Act)

"Potential Secondary Source" means any unit at a facility or a site not currently subject to a removal or remedial action, other than a potential primary source, which:

is utilized for the landfilling, land treating, or surface impounding of waste that is generated on the site or at other sites owned, controlled or operated by the same person, other than livestock and landscape waste, and construction and demolition debris; *or*

stores or accumulates at any time more than 25,000 but not more than 75,000 pounds above ground, or more than 2,500 but not more than 7,500 pounds below ground, of any hazardous substances; *or*

stores or accumulates at any time more than 25,000 gallons above ground, or more than 500 gallons below ground, of petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance; *or*

stores or accumulates pesticides, fertilizers, or road oils for purposes of commercial application or for distribution to retail sales outlets; or stores or accumulates at any time more than 50,000 pounds of any de-icing agent; *or*

is utilized for handling livestock waste or for treating domestic wastewaters other than private sewage disposal systems as defined in the Private Sewage Disposal Licensing Act. (Section 3.355 of the Environmental Protection Act)

"Pressure Grouting" means the placement of grout by a method using positive pressure.

"Private Water System" means any supply which provides water for drinking, culinary, and sanitary purposes and serves an owner-occupied single family dwelling. (Section 9(a)(5) of the Illinois Groundwater Protection Act)

"Public Water System" means a system for the provision to the public of water for human consumption through pipes or other constructed conveyances, if the system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days per year. A public water system is either a community water system (CWS) or a non-community water system (non-CWS. The term "public water system" includes any collection, treatment, storage or distribution facilities under control of the operator of such system and used primarily in connection with such system and any collection or pretreatment storage facilities not under such control which are used primarily in connection with such system. (Section 9(a)(6) of the Illinois Groundwater Protection Act)

"Pumping Water Level" means the depth to of the water surface in a well from the ground surface, top of casing or other established datum when water is discharged by pumping.

"Retention Pond" is an engineered structure designed to store storm water from a rain event. The elevation of the outlet structure designed to meet the release rate requirement is higher than the elevation of the pond base.

"Semi-Private Water System" means a water supply which is not a public water system, yet which serves a segment of the public other than an owner-occupied single family dwelling. (Section 9(a)(7) of the Illinois Groundwater Protection Act)

"Site" means any location, place, tract of land, and facilities, including but not limited to buildings, and improvements used for purposes subject to regulation under the Environmental Protection Act. (Section 3.460 of the Environmental Protection Act)

"Storm Sewer" means a sewer that is used for conveying rainwater, surface water, groundwater, subsurface water, site drainage, condensate, cooling water or other

similar liquids (excluding treated or untreated domestic sewage) to a point of discharge.

"Thermal Grout" is a Department approved grout specifically developed to enhance the heat transfer in a closed loop well. Department approved closed loop well grouts shall have permeability no greater than 1 x 10^{-7} centimeters per second and all bentonite products shall comply with National Sanitation Foundation (NSF) International requirements. The Department will maintain a list of approved closed loop well grouts on its website at www.idph.org.

"Tremie Method" means pumping grout through a pipe that is inserted into the annular space to fill the space from the bottom upward to the ground surface or to the point of pitless adapter attachment.

"Unconsolidated Formation" means a geological formation above bedrock, such as sand or gravel, that is caving in nature.

"Undesirable Water" means water that contains contamination that exceeds Class I Groundwater Standards adopted in the Groundwater Quality Standards Code (35 Ill. Adm. Code 620, Subpart B).

"Unit" means any device, mechanism, equipment, or area (exclusive of land utilized only for agricultural production). (Section 3.515 of the Environmental Protection Act)

"Water-Bearing Formation" means any geologic formation that contains water.

"*Water Well" means any excavation that is drilled, cored, bored, washed, driven, dug, jetted or otherwise constructed when the intended use of such excavation is for the location, diversion, artificial recharge, or acquisition of ground water, but such term does not include an excavation made for the purpose of obtaining or prospecting for oil, natural gas, minerals or products of mining or quarrying or for inserting media to repressure* an *oil or natural gas bearing formation or for storing petroleum, natural gas or other products or for observation or any other purpose in connection with the development or operation of a gas storage project.* (Section 3(e) of the Act)"

"Well" means a bored, drilled or driven shaft, or dug hole, the depth of which is greater than the largest surface dimension. (Section 3.555 of the Environmental Protection Act)

"Well Cap" means that portion of the pitless well adapter used to enclose the atmospheric termination of the casing, which shall overlap the top of the casing extension with a downward flange.

"Well Seal" means an arrangement or device used to establish a watertight closure at the junction of a well pump or piping with the well casing cover at the upper terminal of the well, the purpose of which is to prevent contaminated water or other material from entering the well.

(Source: Amended at 39 Ill. Reg. 3992, effective March 2, 2015)

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF ADOPTED AMENDMENTS

Section 920.Table C Minimal Lateral Distances in Feet Between Water Wells, Closed-Loop Wells, and Sources of Contamination

SOURCES OF CONTAMINATION OR EXISTING WATER WELL	MINIMUM LATERAL DISTANCES FOR CLAY AND LOAM SOILS (FEET)	
	WATER WELL	CLOSED LOOP WELL
Cesspool	150	150
Closed Loop Well[1]	200	NA
Water Well[1]	NA	200
Water Well (when the owner of the closed loop well and a water well serving a private water supply is the same)[1]	N/A	75
Leaching Pit	100	100
Pit Privy	75	75
Subsurface Seepage System, Distribution Box, Sand Filter, Waste Stabilization Pond, Effluent Receiving Trench	75	75
Manure Pile	75	75
Septic Tank, Aerobic Treatment Plant, Surface Discharge Effluent Line, Treated Effluent Discharge Point	50	50
Barnyard or Animal Confinement Lot	50	50
Footing Drains (No connection to a sewer or sump handling sewage is allowed.)	10	10[2]
Pump House Floor Drain	2	2[2]
Pit, Crawl Space or Basement	5	5[2]
Lake, Pond or Stream	25	25[3]
Potential Primary Source, Potential Secondary Source, or Potential Route	200	200
Potential Primary Source, Potential Secondary Source, or Potential Route (when the owner of the source or route and a water well serving a private water supply or closed loop well is the same)	75	75
Abandoned Wells	200	200
Sewers (Sanitary or Combined)	50[4]	50[4,5]

Storm Sewers	10	10[6]

[1] A closed loop well utilizing USP food grade propylene glycol may be located to within 25 feet of a water well.

[2] These setbacks do not apply when the closed loop well is installed prior to the construction of the building.

[3] The 25-foot separation distance from a pond does not apply to a closed loop well when:

1) The borehole is grouted the same day that is constructed;

2) The top 20 feet of the borehole is bored to a diameter at least 3 inches greater than the total diameter of the heat exchanger; and

3) The enlarged top 20 feet of the borehole is grouted with bentonite chips manufactured for well sealing within 24 hours after the construction of the borehole.

[4] A water well or closed loop well may be located to within 10 feet of a sewer provided that the sewer consists of cast iron pipe with watertight mechanical joints or rubber gasket sealed joints that meet ASTM Standard C564-11, SDR 26 PVC pipe or schedule 40 PVC pipe or heavier with solvent welded watertight joints or elastomeric seals (gaskets) used for push-on joints that meet ASTM Standard F477-10.

[5] If the sewer pipe material is unknown, the 50-foot separation distance may be reduced to 25 feet if the following conditions are met:

1) The borehole is grouted the same day that it is constructed;

2) The top 20 feet of the borehole is bored to a diameter at least 3 inches greater than the total diameter of the heat exchanger; and

3) The enlarged top 20 feet of the borehole is grouted with bentonite chips manufactured for well sealing within 24 hours after the construction of the borehole.

[6] The 10-foot separation distance for a storm sewer does not apply to a closed loop well when:

1) The borehole is grouted the same day that it is constructed;

2) The top 20 feet of the borehole is bored to a diameter at least 3 inches greater than the total diameter of the heat exchanger; and

3) The enlarged top 20 feet of the borehole is grouted with bentonite chips manufactured for well sealing within 24 hours after the construction of the borehole.

~~SOURCES OF CONTAMINATION OR EXISTING WATER WELL~~	~~MINIMUM LATERAL DISTANCES FOR CLAY AND LOAM SOILS (FEET)~~	
	~~WATER WELL~~	~~CLOSED LOOP WELL~~
~~Cesspool~~	~~150~~	~~150~~
~~Closed Loop Well[1]~~	~~200~~	~~NA~~
~~Water Well[1]~~	~~NA~~	~~200~~
~~Water Well (when the owner of the closed loop well and a water well serving a private water supply is the same)[1]~~	~~75~~	~~75~~
~~Leaching Pit~~	~~100~~	~~100~~
~~Pit Privy~~	~~75~~	~~75~~
~~Subsurface Seepage System, Distribution Box, Sand Filter, Waste Stabilization Pond, Effluent Receiving Trench~~	~~75~~	~~75~~
~~Manure Pile~~	~~75~~	~~75~~
~~Septic Tank, Aerobic Treatment Plant, Surface Discharge Effluent Line, Treated Effluent Discharge Point~~	~~50~~	~~50~~
~~Barnyard or Animal Confinement Lot~~	~~50~~	~~50~~
~~Footing Drains (No connection to a sewer or sump handling sewage is allowed.)~~	~~10~~	~~10[2]~~
~~Pump House Floor Drain~~	~~2~~	~~2[2]~~
~~Pit, Crawl Space or Basement~~	~~5~~	~~5[2]~~
~~Lake, Pond or Stream~~	~~25~~	~~25[3]~~
~~Potential Primary Source, Potential Secondary Source, or Potential Route~~	~~200~~	~~200~~
~~Potential Primary Source, Potential Secondary Source, or Potential Route (where the owner of the source or route, and a water well serving a~~	~~75~~	~~75~~

~~private water supply or closed loop well, is the same)~~		
~~Abandoned Wells~~	~~200~~	~~200~~
~~Sewers (Storm, Sanitary or Combined)~~[4]	~~50~~[5]	~~50~~[5]

[1] ~~A closed loop well utilizing USP food grade propylene glycol may be located to within 25 feet of a water well.~~

[2] ~~These setbacks do not apply when the closed loop well is installed prior to the construction of the building.~~

[3] ~~The 25 feet separation distance for a retention or detention pond does not apply to a closed loop well when:~~

~~1) The borehole is grouted the same day the borehole is constructed;~~

~~2) The borehole is grouted to the surface; and~~

~~3) The borehole is topped off, between 24 and 48 hours after the borehole is grouted, with a bentonite chip product manufactured for water well sealing.~~

[4] ~~A water well or closed loop well may be located to within 10 feet of a sewer provided the sewer consists of cast iron pipe with watertight mechanical joints or rubber gasket sealed joints that meet ASTM Standard C564-11, SDR 26 PVC pipe or schedule 40 PVC pipe or heavier with solvent welded watertight joints or elastomeric seals (gaskets) used for push-on joints that meet ASTM Standard F477-10.~~

[5] ~~If the sewer pipe material is unknown, the 50 feet separation distance may be reduced based upon the site specific conditions. Both the water well permit application and the closed loop well permit application will have a section to identify the site specific conditions for reducing the 50 feet separation distance.~~

(Source: Amended at 39 Ill. Reg. 3992, effective March 2, 2015)

STATE BOARD OF EDUCATION

NOTICE OF ADOPTED AMENDMENTS

1) Heading of the Part: Programs for the Preparation of Principals in Illinois

2) Code Citation: 23 Ill. Adm. Code 30

3)

Section Numbers:	Proposed Action:
30.70	Amendment
30.80	Amendment

4) Statutory Authority: 105 ILCS 5/21B-60

5) Effective Date of Rule: February 24, 2015

6) Does this rulemaking contain an automatic repeal date? No

7) Does this rulemaking contain incorporations by reference? No

8) A copy of the adopted rules, including any material incorporated by reference, is on file in the Agency's principal office and is available for public inspection.

9) Notice of Proposal published in the *Illinois Register*: October 31, 2014; 38 Ill. Reg. 20632

10) Has JCAR issued a Statement of Objection to this rulemaking? No

11) Differences between Proposal and Final Version: Several formatting changes were made in Section 30.70(a).

12) Have all the changes agreed upon by the Agency and JCAR been made as indicated in the agreements issued by JCAR? Yes

13) Will this rulemaking replace any emergency rule currently in effect? No

14) Are there any other rulemakings pending on this Part? No

15) Summary and Purpose of the Rulemaking: Part 30 sets forth the requirements for principal preparation programs established under Section 21B-60 of the School Code [105 ILCS 5/21B-60]. The requirements for receipt of the principal endorsement are contained in Section 21B-25(B) of the School Code and differ from those for the general administrative endorsement (which is no longer offered) in one significant way: Criteria

for receipt of the previously issued general administrative endorsement allowed experience in both teaching and school support personnel fields. The law governing principal preparation, however, provided that only individuals with four years of teaching experience and completing an approved principal preparation program could apply for the principal endorsement.

For this reason, Section 30.70(a) (Candidate Selection) limited enrollment in principal preparation programs to only individuals holding professional educator licenses with teaching endorsements, as it would be unlikely for a potential candidate who does not hold a teaching endorsement when he or she seeks admission to a principal preparation program to qualify for a teaching endorsement and acquire four years of teaching experience while enrolled in the program.

To address the concerns of school support personnel who had been contemplating becoming principals, PA 98-917, effective August 15, 2014, provides additional opportunities for school support personnel interested in becoming principals to enter and complete principal preparation programs by June 30, 2019. Changes in Section 30.70 acknowledge the anticipated participation of school support personnel by modifying admission requirements, including the evidence of experience that these educators would present when applying for principal preparation programs.

A technical change also has been made in Section 30.80 (Program Approval and Review) to include reference to the new superintendent endorsement, the requirements for which are set forth in 23 Ill. Adm. Code 25.365 (Educator Licensure).

16) Information and questions regarding this adopted rule should be directed to:

Kellee Sullivan, Division Administrator
Division of Educator Licensure
Illinois State Board of Education
100 North First Street, S-306
Springfield IL 62711

213/557-6763

The full text of the Adopted Amendments begins on the next page:

STATE BOARD OF EDUCATION

NOTICE OF ADOPTED AMENDMENTS

TITLE 23: EDUCATION AND CULTURAL RESOURCES
SUBTITLE A: EDUCATION
CHAPTER I: STATE BOARD OF EDUCATION
SUBCHAPTER b: PERSONNEL

PART 30
PROGRAMS FOR THE PREPARATION OF PRINCIPALS IN ILLINOIS

Section

30.10 Definitions
30.20 Purpose and Applicability
30.30 General Program Requirements
30.40 Internship Requirements
30.45 Assessment of the Internship
30.50 Coursework Requirements
30.60 Staffing Requirements
30.70 Candidate Selection
30.80 Program Approval and Review

30.APPENDIX A Internship Assessment Rubric

AUTHORITY: Implementing and authorized by Section 21B-60 of the School Code [105 ILCS 5/21B-60].

SOURCE: Old Part repealed at 29 Ill. Reg. 18439, effective October 31, 2005; new Part adopted at 35 Ill. Reg. 9060, effective June 1, 2011; amended at 36 Ill. Reg. 6819, effective April 23, 2012; amended at 37 Ill. Reg. 4258, effective March 25, 2013; amended at 38 Ill. Reg. 11360, effective May 6, 2014; amended at 39 Ill. Reg. 4009, effective February 24, 2015.

Section 30.70 Candidate Selection

Candidates admitted to a program for principal preparation shall be selected through an in-person interview process. Each candidate must meet the following minimum requirements.

a) Holds either:

1) a~~A~~ valid and current Illinois professional educator license endorsed in a teaching field (i.e., early childhood, elementary, secondary, special K-12~~,~~ or special preschool-age 21) or, until June 30, 2019, endorsed in a school

support personnel area (i.e., school counselor, school psychologist, speech language pathologist (non-teaching), school nurse, school social worker, school marriage and family counselor); or~~.~~

2) a valid and current teaching or, until June 30, 2019, school support personnel, certificate, license or endorsement issued by another state authorizing employment in an out-of-state public school or in an out-of-state nonpublic school meeting out-of-state recognition standards comparable to those set forth by the State Board of Education at 23 Ill. Adm. Code 425 (Voluntary Registration and Recognition of Nonpublic Schools).

b) Passage of the test of basic skills if the candidate had not been required to take the test for receipt of his or her Illinois professional educator license or previously issued teaching certificate or school support personnel endorsement (see 23 Ill. Adm. Code 25.720(b)).

c) Submission of a portfolio that presents evidence of a teacher candidate's achievements.

1) Evidence of~~during his or her~~ teaching experience in each of the following categories:

A~~1~~) Support of all students in the classroom to achieve high standards of learning;

B~~2~~) Accomplished classroom instruction, which shall include data providing evidence of two years of student growth and learning within the last five years;

C~~3~~) Significant leadership roles in the school (e.g., curriculum development, discipline, team teaching assignment, mentoring);

D~~4~~) Strong oral and written communication skills;

E~~5~~) Analytic abilities needed to collect and analyze data for student improvement;

F~~6~~) Demonstrated respect for family and community;

G~~7~~) Strong interpersonal skills; and

H~~8~~) Knowledge of curriculum and instructional practices.

2~~d~~) For purposes of this subsection (c)~~ of this Section~~, "evidence" includes, but is not limited to:

A~~1~~) Evaluations of the candidate's teaching abilities from supervisors that attest to students' academic growth;

B~~2~~) Evidence of leadership roles held and descriptions of the impact the candidate has had on the classroom, school or district, or the constituents served;

C~~3~~) An analysis of classroom data (student scores) that describes how the data were used to inform instructional planning and implementation, including an explanation of what standards were addressed, the instructional outcomes, and steps taken when expected outcomes did not occur;

D~~4~~) Information on the candidate's work with families and/or community groups and a description of how this work affected instruction or class activities;

E~~5~~) Examples of the candidate's analytical abilities as evidenced by a description of how he or she used the results from student assessments to improve student learning; and

F~~6~~) Evidence of curriculum development, student assessments, or other initiatives that resulted from the candidate's involvement on school committees.

d) Submission of a portfolio that presents evidence of a school support personnel candidate's achievements.

1) Evidence of experience in each of the following categories:

A) Support within the candidate's service area for all students that contributes to the students' personal growth and development, and high standards of learning;

B) Effective support of all students, which shall include data providing evidence of two years of success within their service area in the last five years;

C) Significant leadership roles in the school (e.g., curriculum development, discipline, collaboration or consultation with classroom teachers and administrators, mentoring);

D) Strong oral and written communication skills;

E) Analytic abilities needed to collect and analyze data for student improvement;

F) Demonstrated respect for family and community;

G) Strong interpersonal skills; and

H) Knowledge of academic, social, emotional and behavioral supports that meet the needs of all students.

2) For purposes of this subsection (d), "evidence" includes, but is not limited to:

A) Evaluations of the candidate's abilities in his or her service area from supervisors that attest to students' academic growth, and social and emotional development;

B) Evidence of leadership roles held and descriptions of the impact the candidate has had on the classroom, school or district, or the constituents served;

C) An analysis of data (e.g., psychological testing, grades, attendance information, disciplinary referrals, course enrollment) that describes how the data were used to provide support, assistance, collaboration or intervention, including an explanation of the

student priorities addressed; the academic, social, emotional and/or behavioral outcomes; and the steps taken when expected outcomes did not occur;

D) Information on the candidate's work with families and/or community groups and a description of how this work affected students' academic, social, emotional and/or behavioral outcomes;

E) Examples of the candidate's analytical abilities as evidenced by a description of how he or she used the results from student assessments to improve student learning; and

F) Evidence of curriculum development, student assessments or other initiatives that resulted from the candidate's involvement on school committees.

e) Each applicant shall interview with no fewer than two of the program's full-time faculty members and shall, at a minimum, discuss the contents of his or her portfolio and complete on site a written response to a scenario presented by the interviewers.

(Source: Amended at 39 Ill. Reg. 4009, effective February 24, 2015)

Section 30.80 Program Approval and Review

a) A program seeking approval shall follow the procedures set forth in 23 Ill. Adm. Code 25.145 (Approval of New Programs within Recognized Institutions).

b) In addition to meeting the requirements of 23 Ill. Adm. Code 25.145, the program proposal required to be submitted as part of the request for approval shall specify how the program will meet the requirements set forth in this Part, as well as address each of the following:

1) The guidance to be developed to ensure that faculty supervisors effectively assist candidates to optimize their experiences during the internship;

2) The roles and responsibilities of candidates and faculty supervisors;

3) Employment criteria used in selecting and evaluating adjunct faculty;

4) The process the institution or not-for-profit entity will use to communicate with the faculty supervisor and candidate;

5) Any additional requirements for admission to the program that the institution or not-for-profit entity will impose;

6) A description of the rubric the program will use to assess and evaluate the quality of a candidate's portfolio required under Section 30.70;

7) The competencies, to include those specified in Section 30.45(a) ~~of this Part~~, expected of candidates who complete the program and how those expectations will be communicated to the candidate upon his or her admittance to the program;

8) The activities to meet the expectations embedded in the critical success factors specified in Section 30.45(b) ~~of this Part~~ that will be required of candidates for completion of the program and how these activities and expectations will be communicated to the candidate upon his or her admittance to the program;

9) A copy of the partnership agreement or agreements and a description of the partners' involvement in the development of the program, a description of the roles each partner will have, and information on how the partnership will continue to operate and how it will be evaluated;

10) A copy of any agreements with school districts or nonpublic schools (other than those participating in the partnership) that will serve as sites for the internship or field experiences;

11) A description of each course proposed and the internship, to include:

A) a course syllabus;

B) how progress will be measured and successful completion will be determined;

C) a data table that demonstrates each course's, and the internship's, alignment to the ISLLC 2008 standards (see Section 30.30(c)~~ of this Part~~); and

D) for individual courses, a detailed description of any field experiences required for course completion;

12) Copies of assessments and rubrics to be used in the program, including but not limited to samples of scenarios to which a candidate must provide a written response and interview questions for selection in the program and any additional assessments to be used for the internship beyond what is required under Section 30.45~~ of this Part~~;

13) A description of the coursework for candidates and training to be provided for faculty members relative to the evaluation of licensed staff under Article 24A of the School Code [105 ILCS 5/Art. 24A];

14) A letter signed by the chief administrator of the institution and/or the not-for-profit entity, stating its commitment to hiring additional full-time faculty if enrollment in the program increases; and

15) A complete description of how data on the program will be collected, analyzed, and used for program improvement, and how these data will be shared with the educational unit or not-for-profit entity and the partnering school district or nonpublic school.

c) A request for program approval shall be submitted to the State Superintendent for consideration (see 23 Ill. Adm. Code 25.145(b)). The State Superintendent shall provide a complete request to the Principal Preparation Review Panel for its review and recommendation as to whether the program should be approved. The panel, to be appointed by the State Superintendent, shall consist of:

1) two individuals holding current and valid Illinois professional educator licenses endorsed in a teaching field, or, until June 30, 2019, school support personnel area, and currently employed in Illinois public schools;

2) four individuals holding current and valid professional educator licenses endorsed for principal or general administrative, and currently employed as principals in Illinois public schools;

3) two individuals holding current and valid professional educator licenses endorsed for superintendent pursuant to 23 Ill. Adm. Code 25.365 or ~~23 Ill. Code~~ 25.360, as applicable, and currently employed as superintendents in Illinois public schools;

4) two individuals from institutions of higher education in Illinois that have a recognized educational unit approved for the provision of educator preparation programs pursuant to 23 Ill. Adm. Code 25.Subpart C, one of whom shall be from a public institution and one of whom shall be from a nonpublic institution;

5) one licensed staff member currently employed in a school district in any city in Illinois having a population exceeding 500,000; and

6) one individual representing the Illinois business community. If the individual appointed is unable to attend all meetings, he or she may request that an alternate be appointed to attend in his or her absence.

d) The Principal Preparation Review Panel shall acknowledge receipt of the request for approval within 30 days after receipt. Based upon its review, the Panel may:

1) issue a recommendation to the SEPLB that the principal preparation program be approved; a copy of that recommendation and notification of the SEPLB's meeting to consider the Panel's recommendation shall be provided to the applicant; or

2) issue a recommendation to the SEPLB that the principal preparation program be denied, including the reasons for the recommended denial; a copy of that recommendation and notification of the SEPLB's meeting to consider the Panel's recommendation shall be provided to the applicant.

e) An institution or not-for-profit entity may withdraw its request for approval by notifying the State Superintendent of Education of its intent to withdraw no later than 15 days after it receives notification of the Principal Preparation Review Panel's recommendation.

f) Actions following upon the recommendation of the SEPLB shall be as described in 23 Ill. Adm. Code 25.160 (Notification of Recommendations; Decisions by State Board of Education).

g) An approved principal preparation program shall be subject to the review process set forth in 23 Ill. Adm. Code 25.Subpart C.

(Source: Amended at 39 Ill. Reg. 4009, effective February 24, 2015)

STATE BOARD OF ELECTIONS

NOTICE OF ADOPTED RULE

1) Heading of the Part: Procedures for Implementing the Electronic Canvass

2) Code Citation: 26 Ill. Adm. Code 219

3)

Section Numbers:	Adopted Action:
219.10	New Section
219.20	New Section
219.30	New Section
219.40	New Section
219.APPENDIX A	New Section

4) Statutory Authority: Implementing Section 5/22-6 of the Election Code [10 ILCS 5/22-6] and authorized by Section 18A-15 of the Election Code [10 ILCS 5/18A-15]

5) Effective Date of Rule: February 27, 2015

6) Does this rulemaking contain an automatic repeal date? No

7) Does this rulemaking contain incorporations by reference? No

8) A copy of the adopted rule, including any material incorporated by reference, is on file in the Agency's principal office and is available for public inspection.

9) Notice of Proposal published in the *Illinois Register*: 38 Ill. Reg. 20204; October 24, 2014

10) Has JCAR issued a Statement of Objection to this rulemaking? No

11) Differences between Proposal and Final Version: Appendix A was inadvertently omitted from the proposed version of this rulemaking. Technical changes were made throughout the entire rulemaking.

12) Have all the changes agreed upon by the Agency and JCAR been made as indicated in the agreements issued by JCAR? Yes

13) Will this rulemaking replace any emergency rule currently in effect? No

14) Are there any rulemakings pending on this Part? No

STATE BOARD OF ELECTIONS

NOTICE OF ADOPTED RULE

15) Summary and Purpose of Rulemaking: This rulemaking establishes procedures for election authorities to prepare and submit their canvass of votes electronically.

16) Information and questions regarding this adopted rule shall be directed to:

Kenneth R. Menzel
General Counsel
State Board of Elections
2329 S. MacArthur Blvd.
Springfield IL 62704

217/782-0608

The full text of the Adopted Rule begins on the next page:

STATE BOARD OF ELECTIONS

NOTICE OF ADOPTED RULE

TITLE 26: ELECTIONS
CHAPTER 1: STATE BOARD OF ELECTIONS

PART 219
PROCEDURES FOR IMPLEMENTING THE ELECTRONIC CANVASS

Section
219.10 General Provisions
219.20 Office, Candidate and Party ID Numbers
219.30 File Specification and Export Procedures
219.40 New System Requirements

219.APPENDIX A Illinois eCanvass File Format

AUTHORITY: Implementing Section 5/22-6 of the Election Code [10 ILCS 5/22-6] and authorized by Section 18A-15 of the Election Code [10 ILCS 5/18A-15].

SOURCE: Adopted at 39 Ill. Reg. 4020, effective February 27, 2015.

Section 219.10 General Provisions

This Part implements Section 22-6 of the Election Code [10 ILCS 5/22-6], setting forth procedures and requirements for the implementation of the electronic canvass (eCanvass).

a) No later than 22 days after each election, each election authority must submit to the State Board of Elections (SBEL), an electronic canvass file, in accordance with the specifications listed in this Part, as well as a paper canvass. The paper canvass must be a report printed directly from the tabulation system that the election authority uses, and may be submitted as a PDF file via email in lieu of printing the report and mailing it via overnight mail. The paper canvass must include:

1) Total registered voters for the jurisdiction;

2) Total registered voters for each precinct;

3) Total ballots cast for the jurisdiction;

4) Total ballots cast for each precinct;

5) Ballots cast by party (primary only);

6) Precinct level results for all offices and candidates; and

7) Valid write-in candidates and valid votes cast for each.

b) Access to the eCanvass System

1) In order to access the eCanvass system, each election authority shall use its Illinois Voter Registration System (IVRS) login credentials. If the election authority would like to delegate this task to a deputy or another jurisdiction employee, it may request eCanvass access through that person's IVRS account.

2) The eCanvass system can be accessed through vendor accounts. The vendors that have been authorized by a jurisdiction to prepare its election results may prepare and complete all aspects of electronic canvassing, except the final certification. The final certification must be completed by the office of the election authority.

c) The Board will provide instructions to the election authority for use of the eCanvass system.

Section 219.20 Office, Candidate and Party ID Numbers

a) Offices and candidates that are certified by the State Board of Elections will have ID numbers assigned to them by SBEL. In most cases, office ID numbers will not change except in the event that reapportionment requires an increase or decrease in the number of Congressional Districts in Illinois. Judicial offices and statewide questions, which are unique to each election, will be created and assigned at each election.

b) Candidate IDs will be assigned and distributed after the ballot placement lottery conducted pursuant to Sections 7-12 and 10-6.2 of the Election Code has been performed. It is necessary to wait for the lottery results to ensure that the ID numbers generated are in the same order as the ballot order.

c) SBEL will also assign Party ID numbers/codes.

STATE BOARD OF ELECTIONS

NOTICE OF ADOPTED RULE

1) Party Codes:

Party	Numeric Code	Alpha Code
Democratic	11	DEM
Republican	12	REP
Green	13	GRN
Constitution	14	CON
Constitution Party of Illinois	15	CPI
Harold Washington	16	HWP
Honesty & Integrity	17	HON
Independent	18	IND
Libertarian	19	LIB
Moderate	20	MOD
Reform	21	REF
Jobs	22	JOB
Better Option	23	BET
10th District Unity	24	TDU
Nonpartisan	99	NP

2) New party codes will be added as needed, and SBEL will notify the jurisdictions of these codes when candidate and office ID numbers are issued.

3) For users of the WinEds, Unity and GEMS tabulation systems, the party ID numbers are two digit codes to associate each candidate with the proper party. In a primary election, the party ID must also be applied to the office. In a general election, the party ID will be 99 for all offices.

4) For users of the Hart Intercivic, Inc. tabulation system, the party ID will be an abbreviated alpha code. To incorporate the code for an office in a primary election, the code should be placed after two pipes (||) following the office name.

For example: UNITED STATES SENATOR ||DEM
ATTORNEY GENERAL ||REP
COMPTROLLER ||GRN

d) SBEL Office and Candidate ID Entry in Tabulation Software

1) GEMS Tabulation Software. The ID numbers must be incorporated into the Candidate and Contest Export ID fields in the following format: aaaa:bb

A) Contest Export ID

i) a = an integer representing the State issued office ID number.

ii) b = an integer representing the State issued party ID number. (In a general election, this will always be "99".)

B) Candidate Export ID

i) a = an integer representing the State issued candidate ID number.

ii) b = an integer representing the State issued party ID number.

2) Unity Tabulation Software

A) Using Unity EDM, the Candidate Alternate ID field must be entered as "PPCCCCppccccc", where:

i) PP is the State Contest Party Number – 2 digits;

ii) CCCC is the State Contest Number – 4 digits;

iii) pp is the State Candidate Party Number – 2 digits; and

iv) ccccc is the State Candidate Number – 5 digits.

B) NOTE: The ID field must be entered as a complete 13 digit code in order for eCanvass to properly recognize the numbers.

Therefore, if part of the sequence has more digits available than are in the ID number, precede the ID number with zeroes in order to fill all digits/spaces.

3) WinEds Tabulation Software. The ID numbers must be entered in a manner that places them in the Illinois Export Master File according to the following specifications:

A) SBEL Office/Contest ID shall be placed in record type 5 in the 4th field.

B) SBEL Office/Contest Party ID shall be placed in record type 5 in the 6th field.

C) SBEL Candidate ID shall be placed in record type 6 in the 4th field.

D) SBEL Party ID shall be placed in record type 3 in the 6th field.

E) Jurisdiction Party ID shall be placed in record type 3 in the 2nd field.

4) Hart Intercivic, Inc. Tabulation Software

A) Jurisdictions that use Hart Intercivic, Inc. equipment and tabulation software must use the candidate and office/contest ID numbers issued by SBEL as their primary ID numbers. ID numbers used for local offices and candidates must be in the ranges established by SBEL. Under no circumstances may ID numbers assigned to any office or candidate that is certified by SBEL be used for any local office or candidate.

B) When entering Parties into the Hart system, the appropriate alpha code must be used because the Hart system is incapable of handling party ID numbers that are greater than 16.

e) Write-In Candidates

1) All results for candidates who filed a timely Declaration of Intent to be a write-in candidate with the proper election authority must be included in

both the paper canvass and the election authority's eCanvass certification. These results must also be included when no valid votes were cast for the write-in candidate.

2) Electronic Reporting of Vote Totals for Write-In Candidates

A) Jurisdictions using tabulation systems that do not report vote totals for individual write-in candidates in the export files must enter the information through the eCanvass website (https://ecanvass.elections.il.gov).

B) When a write-in line is printed on the ballot, the data file will reflect this by including a candidate with the name "write-in" within the respective office.

C) Jurisdictions using tabulation systems capable of including individual write-in candidate totals must ensure that the candidates are properly coded to be recognized as write-in candidates.

i) Hart Intercivic, Inc. Tally exports shall label the candidates as type "WI" to identify that they are write-in candidates.

ii) GEMS software shall assign ID numbers in the range of 9000-9499 to write-in candidates. See subsection (e)(1)(B) for proper candidate ID formatting. Write-in candidates must NOT be entered manually on the website if they are included in the export file.

iii) New systems certified after adoption of this Part shall identify valid write-in candidates in the master file record structure, record type 6, in the 6th field.

iv) When valid write-in votes are included in the data file, the valid vote count reported for the write-in candidate must be subtracted from the count listed for the candidate "write-in", which will then reflect only invalid write-in votes cast.

f) Verification Files

All jurisdictions must upload a verification file to ensure that all ID numbers and offices are properly loaded in their election database. This verification file must be uploaded early enough (before the election) that changes to the election setup can be made and shall be created in accordance with the same procedures for creating a canvass data file.

Section 219.30 File Specification and Export Procedures

a) GEMS Tabulation Software. Jurisdictions must prepare a standard text file export to be uploaded to the eCanvass system with the following settings:

1) Label: A jurisdiction may name this export whatever it likes, as long as it will be recognized as the SBEL export;

2) County Code: Enter the jurisdiction name;

3) Field Delimiter: ~ (located in the top left corner of most keyboards) NOTE: Make certain that, when this character is entered in the appropriate box, no space remains in front of the character. GEMS has a space in the text field by default and it needs to be deleted before entering ~ into the box;

4) Quote strings should NOT be checked;

5) Export Results for: All boxes should be checked;

6) Reporting Set: All races;

7) Row Definitions: All boxes should be checked;

8) Column Definitions: All boxes should be checked.

NOTE: If the jurisdiction has set up an administrative precinct for President/Vice President only ballots, a memory card must be created for this precinct. It must be downloaded and closed even if it only has zero totals and must be uploaded to GEMS in order to generate the same statistics as the other precincts in the database. The President/Vice President only precinct should be treated like all other precincts in the Presidential General Election.

b) Unity Tabulation Software. Jurisdictions must use the Unity ERM software to generate a "Results XML File" to be uploaded through the eCanvass system. To properly generate the file, follow these steps:

1) Click on the "State Transfer" menu;

2) Select "Create Results XML File";

3) For Verification Files: Select the option "Run the XML Create Program − Interim" and click "OK";

For Results Certification: Select the option "Run the XML Create Program – Final Results" and click "OK".

c) Tally Tabulation Software. Jurisdictions using Hart Intercivic, Inc. tabulation software must generate the EDX export file through the Tally Export Wizard.

1) Jurisdictions using Hart Intercivic, Inc. tabulation software must use ONLY "Tally" software to prepare their export files. The "Fusion" software must NOT be used as it will not maintain the original ID numbers.

2) If multiple databases are created for a single election, the jurisdiction must use "Tally" to create separate EDX export files for each database. After logging into eCanvass, the user must select how many files to be uploaded. In the event that multiple files have to be generated, this will facilitate combining the results and maintaining the original ID numbers.

d) WinEds Tabulation Software. Jurisdictions using Dominion Voting Systems WinEds tabulation software shall generate the IL State Export Master File and Vote File and upload both through the eCanvass system.

Section 219.40 New System Requirements

In order to facilitate accurate calculations for signature requirements, it is necessary to have ballot style level data from within each precinct. When precincts are split, there is no way to accurately attribute the portion of ballots cast within one district from those cast in a different district within the same precinct. Therefore, when a new system is certified in this State, in

addition to this Part, the new system must meet the following requirements prior to being tested for certification in Illinois:

a) System must be able to generate election results/data for all elections in the preferred Appendix A (Illinois eCanvass File Format).

b) System must be able to provide votes by each ballot style from within each precinct (records will be in the vote file).

c) System must provide ballots cast for contests in which no candidate has filed. This is most common in primaries in which there are no candidates that file for a given established party. Under these circumstances, the number of times that the contest was on a ballot that was voted should be reported as a blank ballot for that contest. (In the vote file, the 4th field for this record shall be labeled as "9999997".)

STATE BOARD OF ELECTIONS

NOTICE OF ADOPTED RULE

Section 219.APPENDIX A Illinois eCanvass File Format

Master File Record Structure

Column Start	Length	Date Type	Ballot Style	Precinct	Party
1	2	Record Type (Integer)	Record Type = 1	Record Type = 2	Record Type = 3
3	7	Unique System Id (Integer)	Ballot Style ID [1]	Precinct ID [6]	(Vendor) Party ID [9]
10	50	Name (String)	Ballot Style Name [2]	Precinct Name [7]	Party Name [10]
60	20	Code (String)			
80	7	Display List Order (Integer)			
87	7	Party ID (Vendor or State Number)	Ballot Style (Vendor) Party ID [3]		(SBE) Party ID [11]
94	1	Varies/Record Dependent (Boolean 0 or 1)	Is Federal [4] 0 = Non-Federal Ballot Style 1 = Federal Ballot Style		
95	2	Vote For (Integer)	Proposition Only [5] 00 = No 01 = Yes		
97	7	Varies/Record Dependent (Integer)		Registration [8]	

(Master File Record Structure Cont.)

District	Contest	Candidate
Record Type = 4	Record Type = 5	Record Type = 6

District ID [12]	(Vendor) Contest ID [15]	(Vendor) Candidate ID [21]
District Name [13]	Contest Name [16]	Candidate Name [22]
	(SBE) Contest ID [17]	(SBE) Candidate ID [23]
District List Order [14]	Contest List Order [18]	Candidate List Order [24]
	(SBE) Party ID [11]	(Vendor) Candidate Party ID [25]
	Is Proposal [19] 0 = Normal Contest 1 = Proposal	Is Write-in [31] 0 = Regular Candidate 1 = Write-In Candidate
	Vote For [20]	
	District ID [12]	(Vendor) Contest ID [15]

Vote File Record Structure

Column Start	Length	Date Type
1	7	Precinct ID (Integer) [6]
7	7	Ballot Style ID (Integer) [1]
14	7	(Vendor) Contest ID (Integer) [15] 0 = Turnout Record [26]
21	7	(Vendor) Candidate Id (Integer) [21] 9999999 = Over Votes [27, 28] 9999998 = Under Votes [27, 29] 9999997 = Blank Ballot [27, 30] 0 = Turnout Record [26]
28	7	Vote Count (Integer)

Definitions

STATE BOARD OF ELECTIONS

NOTICE OF ADOPTED RULE

1 Ballot Style ID – A unique (to the jurisdiction) numeric identifier for the given ballot style
2 Ballot Style Name – A unique (to the jurisdiction) name assigned to the given ballot style
3 Ballot Style (Vendor) Party ID – Only applicable in a primary election, this party ID identifies the party for a given ballot style
4 Is Federal – Designates if a ballot style contains only federal contests
5 Proposition Only – Only applicable in a primary election, this identifies a ballot style as only having questions of public policy (referenda)
6 Precinct ID – Unique (to the jurisdiction) numeric identifier for the given precinct
7 Precinct Name – A unique (to the jurisdiction) name to identify the precinct
8 Registration – The number of registered voters within a precinct. This number should reflect only the "active" registered voters from that precinct
9 (Vendor) Party ID – Unique Identifier for the political parties active in a given election, assigned by the jurisdiction or tabulation vendor
10 Party Name – Name of a given political party
11 (SBEL) Party ID – ID assigned to a given political party by SBEL; SBEL party ID for a contest will reflect the party for a contest in a primary election; in a General Election this ID will be designated as "99" (Nonpartisan) since the office does not have a party affiliation in a General Election
12 District ID – Unique (to the jurisdiction) ID assigned by the jurisdiction to a given political district/unit of government
13 District Name – A unique text representation of the district/unit of government (e.g., 4TH APPELLATE COURT)
14 District List Order – A hierarchical number representing the order in which districts appear on the ballot
15 (Vendor) Contest ID – A unique ID number assigned to an office/contest by the jurisdiction or tabulation vendor
16 Contest Name – A unique text representation of the contest/office (e.g., 4TH APPELLATE COURT – SMITH VACANCY)
17 (SBEL) Contest ID – ID assigned to a given office/contest by SBEL; should be zero in the case that an ID is not assigned by SBEL for the given contest
18 Contest List Order – A hierarchical number representing the order in which offices/contests appear on the ballot
19 Is Proposal – Designates if a contest/office is actually a question of public policy (referenda)
20 Vote For – Number of candidates to be elected/nominated within a given office/contest
21 (Vendor) Candidate ID – Unique ID assigned to a candidate by jurisdiction/vendor
22 Candidate Name – Name of candidate or position on a referendum question

23 (SBEL) Candidate ID – ID assigned by SBEL for the given candidate; in the event that no ID is assigned by SBEL, this ID shall be zero

24 Candidate List Order – A hierarchical number representing the order in which candidates appear on the ballot

25 (Vendor) Candidate Party ID – ID assigned by the jurisdiction or vendor to the candidate

26 Turnout Record – In the vote file, a turnout record will have a contest ID of zero and a candidate ID of zero, and will have one record per precinct and ballot style combination; the turnout record will effectively report the number of times a ballot style was counted within a particular precinct

27 Reporting of Under Votes, Over Votes and Blank Ballots – Under votes, over votes and blank ballots shall be designated in the candidate ID field with codes of 9999998, 9999999 and 9999997, respectively, and shall have a corresponding contest ID

28 Under Votes – The number of times that the contest was on a tabulated ballot when votes cast are less than the Vote For number

29 Over Votes – The number of times that the contest was on a tabulated ballot when votes cast are more than the Vote For number

30 Blank Ballots – For a given contest, the number of times a ballot is cast when the contest has no candidates

31 Is Write-in – Identifies that the candidate is a write-in candidate

JOINT COMMITTEE ON ADMINISTRATIVE RULES
ILLINOIS GENERAL ASSEMBLY

SECOND NOTICES RECEIVED

The following second notices were received during the period of February 24, 2015 through March 2, 2015. The rulemakings are scheduled for review at the Committee's March 17, 2015 meeting. Other items not contained in this published list may also be considered. Members of the public wishing to express their views with respect to a rulemaking should submit written comments to the Committee at the following address: Joint Committee on Administrative Rules, 700 Stratton Bldg., Springfield IL 62706.

Second Notice Expires	Agency and Rule	Start Of First Notice	JCAR Meeting
4/9/15	Secretary of State, Illinois State Library, Library Operations Division (23 Ill. Adm. Code 3010)	12/5/14 38 Ill. Reg. 22462	3/17/15
4/9/15	Secretary of State, The Illinois State Library System Act (Replealer) (23 Ill. Adm. Code 3030)	12/5/14 38 Ill. Reg. 22480	3/17/15
4/9/15	Secretary of State, The Illinois State Library System Act (New Part) (23 Ill. Adm. Code 3030)	12/5/14 38 Ill. Reg. 22526	3/17/15
4/9/15	Secretary of State, Illinois State Library Grant Programs (23 Ill. Adm. Code 3035)	12/5/14 38 Ill. Reg. 22593	3/17/15
4/9/15	Secretary of State, Public Library Non-Resident Services (23 Ill. Adm. Code 3050)	12/5/14 38 Ill. Reg. 22625	3/17/15
4/9/15	Department of Healthcare and Family Services, Medical Payment (89 Ill. Adm. Code 140)	9/26/14 38 Ill. Reg. 19054	3/17/15
4/11/15	Department of Insurance, IRS Qualification Status Requirements for Article 3 Police Pension Funds (50 Ill. Adm. Code 4440)	12/26/14 38 Ill. Reg. 23979	3/17/15

JOINT COMMITTEE ON ADMINISTRATIVE RULES
ILLINOIS GENERAL ASSEMBLY

SECOND NOTICES RECEIVED

4/11/15	Department of Insurance, IRS Qualification Status Requirements for Article 4 Firefighter Pension Funds (50 Ill. Adm. Code 4445)	12/26/14 38 Ill. Reg. 23986	3/17/15
4/15/15	Department of Agriculture, Compassionate Use of Medical Cannabis Program (8 Ill. Adm. Code 1000)	12/5/14 38 Ill. Reg. 22275	3/17/15

JOINT COMMITTEE ON ADMINISTRATIVE RULES
ILLINOIS GENERAL ASSEMBLY

STATEMENT OF RECOMMENDATION
TO PROPOSED RULEMAKING

STATE BOARD OF ELECTIONS

Heading of the Part: Procedures for Implementing the Electronic Canvass

Code Citation: 26 Ill. Adm. Code 219

Section Numbers: 219.10 219.20 219.30 219.40 219.Appendix A

Date Originally Published in the *Illinois Register*: 10/24/14
38 Ill. Reg. 20204

At its meeting on February 17, 2015, the Joint Committee on Administrative Rules considered the above-cited rulemaking and recommended that the State Board of Elections be more timely in implementing new statute in its rules. PA 98-115 became effective 7/29/13.

The agency should respond to this Recommendation in writing within 90 days after receipt of this Statement. Failure to respond will constitute refusal to accede to the Committee's Recommendation. The agency's response will be placed on the JCAR agenda for further consideration.

ILLINOIS ADMINISTRATIVE CODE
Issue Index - With Effective Dates

Rules acted upon in Volume 39, Issue 11 are listed in the Issues Index by Title number, Part number, Volume and Issue. Inquiries about the Issue Index may be directed to the Administrative Code Division at (217) 782-7017/18.

PROPOSED RULES

29 - 110 3450
92 - 1040 3457

ADOPTED RULES

44 - 500 3/1/2015 3561
83 - 729 2/25/2015 3640
77 - 3100 2/27/2015 3656
80 - 2900 2/27/2015 3705
35 - 611 2/24/2015 3713
35 - 1600 2/26/2015 3968
77 - 920 3/2/2015 3992
23 - 30 2/24/2015 4009
26 - 219 2/27/2015 4020

JCAR REVIEW OF EXISTING RULES
STATEMENT OF RECOMMENDATIONS

26 - 219 4037

ORDER FORM

☐ Print Version of the Illinois Register ☐ New ☐ Renewal	$290.00 (annually)
☐ Back Issues of the Illinois Register (2012-2013 Only) Volume #_____ Issue#_____Date_____	$ 10.00 (each)
☐ Microfiche sets of the Illinois Register (1977 – 2003) Specify Year(s) _____	$ 200.00 (per set)
☐ Cumulative/Sections Affected Indices (2010) Specify Year(s) _____	$ 5.00 (per set)
(Processing fee for credit cards purchases, if applicable.) $ 2.00 **TOTAL AMOUNT OF ORDER** $ _____	

☐ Check Make Checks Payable To: **Secretary of State**

☐ VISA ☐ Master Card ☐ Discover (There is a $2.00 processing fee for credit card purchases.)

Card #: _____ Expiration Date: _____

Signature: _____

Send Payment To: Secretary of State
Department of Index
Administrative Code Division
111 E. Monroe
Springfield, IL 62756

Fax Order To: (217) 557-8919

Name:		Attention:	ID #:
Address:			
City:		State:	Zip Code:
Phone:	Fax:	E-Mail:	

Published by **JESSE WHITE** • Secretary of State
www.cyberdriveillinois.com