**Chapter 62-550**

**Drinking Water Standards, Monitoring, and Reporting**

# 62-550.200 Definitions for Public Water Systems

# 62-550.300 Application of Quality Standards to Public Water Systems

# 62-550.305 Public Water Systems Receiving Advanced Treated Water

# 62-550.315 Primary Drinking Water Standards: Treatment Technique Requirements

# 62-550.500 General Monitoring and Compliance Measurement Requirements for Contaminants and Disinfectant Residuals

# 62-550.512 Nitrate and Nitrite Monitoring Requirements

# 62-550.513 Inorganic Contaminants Monitoring Requirements

# 62-550.515 Volatile Organic Contaminants Monitoring Requirements

# 62-550.517 Physical Characteristics Monitoring Requirements

# 62-550.518 Microbiological Monitoring Requirements

# 62-550.520 Secondary Contaminants Monitoring Requirements

# 62-550.521 Unregulated Contaminants Monitoring Requirements

# 62-550.540 Monitoring of Consecutive Public Water Systems

# 62-550.817 Additional Requirements for Subpart H Water Systems

# 62-550.821 Disinfectant Residuals, Disinfection Byproducts (Stage 1), and Disinfection Byproduct Precursors

# 62-550.824 Consumer Confidence Reports

# 62-550.828 Ground Water Rule

## 62-550.200 Definitions for Public Water Systems.

For the purpose of this chapter and Chapters 62-555 and 62-560, F.A.C., the following words, phrases, or terms shall have the following meaning:

(1) through (2) No change.

(3) “Advanced treated water” shall be as defined in Rule 62-565.200 , F.A.C.

(4) “Advanced Treatment Water Facility” (ATWF) shall be as defined in Rule 62-565.200, F.A.C.

(3) through (4) renumbered (5) through (6) No change.

(7) “Baffling Factors (or Coefficients)” means parameters used to describe flow system characteristics; the proportion of dead space, plug flow (water moves as a plug such as in a pipeline) and mixed flow in a contact chamber.

(5) through (17) renumbered (8) through (20) No change.

(21)~~(18)~~ “Compliance ~~Coompliance~~ Cycle” means the nine-year cycle during which public water systems must monitor. Each compliance cycle consists of three-year compliance periods. The first compliance cycle begins January 1, 1993 and ends December 31, 2001; the second begins January 1, 2002 and ends December 31, 2010; the third begins January 1, 2011 and ends December 31, 2019.

(19) through (27) renumbered (22) through (30) No change.

(31) “*Cryptosporidium*” shall be as defined in Rule 62-565.200, F.A.C.

(28) through (50) renumbered (32) through (54) No change.

(55) “*Giardia lamblia*” shall be as defined in Rule 62-565.200, F.A.C.

(51) through (84) renumbered (56) through (89) No change.

(90) “Potable Reuse” shall be as defined in Rule 62-565.200, F.A.C.

(91) “Potable reuse system” shall be as defined in Rule 62-565.200, F.A.C.

(92) “Potable Water” shall be as defined in Rule 62-565.200, F.A.C.

(93)~~(85)~~ No change.

(94) “Primary Contaminants” means those contaminants regulated by the Primary Drinking Water Standards.

(95) “Primary Drinking Water Standards” means legally enforceable standards that apply to public water systems to protect public health by limiting the levels of contaminants in drinking water.

(96)~~(86)~~ No change.

(97) “Raw water” means, for the purposes of Chapters 62-550 and 62-555, F.A.C., any source water for a public water system prior to any treatment by the public water system.

(87) through (94) renumbered (98) through (105) No change.

(106) “Secondary Contaminants” means those contaminants with guidelines provided by the Secondary Drinking Water Standards.

(107) “Secondary Drinking Water Standards” means a set of non-mandatory water quality standards for contaminants (not federally enforceable) that are established as guidelines to assist public water systems in managing their drinking water for aesthetic considerations, such as taste, color and odor. EPA does require special notice and enforcement for fluoride exceedances.

(95) through (100) renumbered (108) through (113) No change.

(114) “Source Water” shall be as defined in Rule 62-565.200, F.A.C.

(101) through (124) renumbered (115) through (138) No change.

*Rulemaking Authority 403.8055, 403.861(9) FS. Law Implemented 403.853, 403.854, 403.8615, 403.862 FS. History–New 11-9-77, Amended 1-13-81, 11-19-87, Formerly 17-22.103, Amended 1-18-89, 5-7-90, 1-3-91, 1-1-93, Formerly 17-550.200, Amended 9-7-94, 12-9-96, 9-22-99, 8-1-00, 11-27-01, 4-3-03, 11-25-03, 10-14-04, 11-28-04, 1-17-05, 12-30-11, 7-7-15, \_\_\_\_\_\_\_\_\_\_.*

## 62-550.300 Application of Quality Standards to Public Water Systems.

No change.

*Rulemaking Authority 403.861(9) FS. Law Implemented 403.852(12), (13), 403.853(1) FS. History–New 11-9-77, Amended 3-30-82, 11-19-87, Formerly 17-22.200, Amended 1-18-89, 1-3-91, Formerly 17-550.300, Amended 11-27-01.*

## 62-550.305 Public Water Systems Receiving Advanced Treated Water.

(1) In addition to the requirements applicable to all public water systems found elsewhere in Chapters 62-550, 62-555, and 62-560, F.A.C., public water systems (PWS) receiving advanced treated water from a permitted ATWF shall be subject to the requirements within Rule 62-550.817, F.A.C., and the applicable portions of Chapter 62-565, F.A.C.

(2) In the event that the pathogen reduction requirements established per subsection 62-565.500(1), F.A.C., in accordance with Rule 62-565.530, F.A.C., are less than those required by in subsections 62-550.817(2) through (4), F.A.C., the PWS shall meet the requirements of subsections 62-550.817(2) through (4).

(3) In addition to the requirements contained in paragraph 62-555(12)(b), F.A.C., PWSs receiving advanced treated water shall also submit Form 62-555.350(12)(b), F.A.C., Supplemental Monthly Operation Report for PWSs Receiving Advanced Treated Water, hereby adopted and incorporated by reference, effective X,XX,XXXX, and available as indicated in Rule 62-555.350, F.A.C. All monthly operation reports shall be submitted to the appropriate Department District Office or appropriate Approved County Health Department within ten days after the end of each month.

(4) A PWS receiving advanced treated water from an ATWF is not permitted to introduce a new source of water without approval from the Department unless that source is treated independently from the advanced treated water, with blending of the finished waters occurring just prior to distribution, and all required pathogen reduction requirements for the treatment of each individual source being met prior to blending.

(5) A PWS may only blend advanced treated water with another type of source water prior to treatment at the PWS if that source water and the blending ratio are the same as those used in the pilot study for the ATWF, and in accordance with paragraph 62-565.570(2)(p), F.A.C., or the blending has been approved by the Department.

(6) Consecutive systems that receive any finished water originating from an ATWF shall be subject to the requirements for consecutive systems that receive any finished water originating from a subpart H system.

(7) If any part of the source water for a PWS is advanced treated water, the system shall identify it as a source in the Consumer Confidence Report (CCR) and shall include in the CCR the information for that source in accordance with Rule 62-555.824, F.A.C.

(8) A PWS receiving advanced treated water is subject to the monitoring requirements of Rules 62-550.500 through 62-550.521, F.A.C.

*Rulemaking Authority 403.853(3), 403.861(9) FS. Law Implemented 403.064(18), 403.853(1), 403.861(9), 403.861(17), FS. History–New \_\_\_\_\_\_\_\_\_\_.*

## 62-550.315 Primary Drinking Water Standards: Treatment Technique Requirements.

No change.

*Rulemaking Authority 403.861(9) FS. Law Implemented 403.852(12), 403.853(1), 403.861(17) FS. History–New 11-27-01, Amended 4-3-03.*

## 62-550.500 General Monitoring and Compliance Measurement Requirements for Contaminants and Disinfectant Residuals.

These general requirements shall apply unless other monitoring or compliance measurement requirements are specified in Rules 62-550.511 through 62-550.540, F.A.C., Rule 62-550.821, F.A.C., Rule 62-550.822, F.A.C. or Rule 62-555.830, F.A.C. This introductory text shall be effective on July 7, 2015.

(1) through (4) No change.

(5) Monitoring Locations.

(a) No change.

(b) For purposes of Rules 62-550.500 through 62-550.590, F.A.C. ~~Part V of this chapter~~, subpart H systems also include systems using a combination of surface water (or ground water under the direct influence of surface water) and ground water not under the direct influence of surface water.

(c) No change.

(6) through (11) No change.

*Rulemaking Authority 403.8055, 403.861(9) FS. Law Implemented 403.853(1), (3), 403.859(1), 403.861(16), (17) FS. History–New 11-19-87, Formerly 17-22.300, Amended 1-18-89, 5-7-90, 1-1-93, 1-26-93, 7-4-93, Formerly 17-550.500, Amended 9-7-94, 8-1-00, 11-27-01, 4-14-03, 11-28-04, 12-30-11, 7-7-15,\_\_\_\_\_\_\_\_\_\_\_.*

## 62-550.512 Nitrate and Nitrite Monitoring Requirements.

No change.

*Rulemaking Authority 403.853(3), 403.861(9) FS. Law Implemented 403.853(1), (3), (7), 403.861(16), (17) FS. History–New 1-1-93, Amended 7-4-93, Formerly 17-550.512, Amended 9-7-94, 2-7-95, 8-1-00, 11-27-01, 4-14-03, 1-17-05.*

## 62-550.513 Inorganic Contaminants Monitoring Requirements.

No change.

*Rulemaking Authority 403.853(3), 403.861(9) FS. Law Implemented 403.853(1), (3), (7), 403.861(16), (17) FS. History–New 1-1-93, Formerly 17-550.513, Amended 2-7-95, 11-27-01, 4-14-03.*

## 62-550.515 Volatile Organic Contaminants Monitoring Requirements.

No change.

*Rulemaking Authority 403.853(3), 403.861(9) FS. Law Implemented 403.853(1), (3), (7), 403.861(16), (17) FS. History–New 1-1-93, Amended 1-26-93, 7-4-93, Formerly 17-550.515, Amended 9-7-94, 2-7-95, 11-27-01, 4-14-03.*

## 62-550.517 Physical Characteristics Monitoring Requirements.

(1) All community, non-transient non-community, and transient non-community public water systems that use any surface water sources, ~~or~~ ground water sources under the direct influence of surface water, or advanced treated water, shall monitor for turbidity pursuant to Rule 62-550.817~~62-550.560~~, F.A.C.

(2) No change.

*Rulemaking Authority 403.853(3), 403.861(9) FS. Law Implemented 403.853(1), (3), (7), 403.861(16), (17) FS. History–New 1-1-93, Amended 7-4-93, Formerly 17-550.517, Amended 9-7-94, 8-1-00, 11-27-01, 4-3-03, \_\_\_\_\_\_\_\_\_\_*.

## 62-550.518 Microbiological Monitoring Requirements.

The provisions of subsections 62-550.518(1) through (6), F.A.C., pertaining to distribution system sampling or samples and the provisions of subsection 62-550.518(12), F.A.C., are applicable until March 31, 2016. The provisions of subsections 62-550.518(7) through (11), F.A.C., pertaining to distribution system sampling or samples are applicable until all required repeat monitoring under subsections 62-550.518(7) and (8), F.A.C., and fecal coliform or *E. coli* testing under subsection 62-550.518(10), F.A.C., that was initiated by a total coliform-positive sample taken before April 1, 2016, is completed, as well as analytical method, reporting, recordkeeping public notification, and consumer confidence report requirements associated with that monitoring and testing. Beginning April 1, 2016, the provisions of 40 C.F.R. Part 141, Subpart Y (Revised Total Coliform Rule), which is incorporated by reference in Rule 62-550.830, F.A.C., are applicable, with systems required to begin regular monitoring at the same frequency as the system-specific frequency required on March 31, 2016. (40 C.F.R. §141.21(h) revised as of July 1, 2014.) This introductory text shall be effective on July 7, 2015.

(1) No change.

(2) Total coliform samples shall be taken by public water systems at regular intervals as required by the Revised Total Coliform Rule (RTCR) adopted in Rule 62-550.830, F.A.C. ~~and in numbers proportionate to the population served by the system.~~ ~~Community water systems, non-transient non-community water systems, transient non-community water systems that are subpart H systems and transient non-community water systems that serve more than 1,000 persons per day during any one month shall take monthly distribution system samples.~~ In addition, systems that are using ground water not under the direct influence of surface water shall take a minimum of one monthly raw water sample that is representative of each ground water source (i.e., well) not under the direct influence of surface water. For purposes of this subsection, consecutive systems that receive any finished water originating from a subpart H system are considered subpart H systems. ~~In no event shall the number of distribution system samples be less than as set forth below:~~

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ~~Minimum number of routine samples~~ | | | | |
| ~~Population Served~~ | | | ~~per month~~ | |
| ~~25~~ | ~~To~~ | ~~2,500~~ | ~~2~~ |
| ~~2,501~~ | ~~To~~ | ~~3,300~~ | ~~3~~ |
| ~~3,301~~ | ~~To~~ | ~~4,100~~ | ~~4~~ |
| ~~4,101~~ | ~~To~~ | ~~4,900~~ | ~~5~~ |
| ~~4,901~~ | ~~To~~ | ~~5,800~~ | ~~6~~ |
| ~~5,801~~ | ~~To~~ | ~~6,700~~ | ~~7~~ |
| ~~6,701~~ | ~~to~~ | ~~7,600~~ | ~~8~~ |
| ~~7,601~~ | ~~to~~ | ~~8,500~~ | ~~9~~ |
| ~~8,501~~ | ~~to~~ | ~~12,900~~ | ~~10~~ |
| ~~12,901~~ | ~~to~~ | ~~17,200~~ | ~~15~~ |
| ~~17,201~~ | ~~to~~ | ~~21,500~~ | ~~20~~ |
| ~~21,501~~ | ~~to~~ | ~~25,000~~ | ~~25~~ |
| ~~25,001~~ | ~~to~~ | ~~33,000~~ | ~~30~~ |
| ~~33,001~~ | ~~to~~ | ~~41,000~~ | ~~40~~ |
| ~~41,001~~ | ~~to~~ | ~~50,000~~ | ~~50~~ |
| ~~50,001~~ | ~~to~~ | ~~59,000~~ | ~~60~~ |
| ~~59,001~~ | ~~to~~ | ~~70,000~~ | ~~70~~ |
| ~~70,001~~ | ~~to~~ | ~~83,000~~ | ~~80~~ |
| ~~83,001~~ | ~~to~~ | ~~96,000~~ | ~~90~~ |
| ~~96,001~~ | ~~to~~ | ~~130,000~~ | ~~100~~ |
| ~~130,001~~ | ~~to~~ | ~~220,000~~ | ~~120~~ |
| ~~220,001~~ | ~~to~~ | ~~320,000~~ | ~~150~~ |
| ~~320,001~~ | ~~to~~ | ~~450,000~~ | ~~180~~ |
| ~~450,001~~ | ~~to~~ | ~~600,000~~ | ~~210~~ |
| ~~600,001~~ | ~~to~~ | ~~780,000~~ | ~~240~~ |
| ~~780,001~~ | ~~to~~ | ~~970,000~~ | ~~270~~ |
| ~~970,001~~ | ~~to~~ | ~~1,230,000~~ | ~~300~~ |
| ~~1,230,001~~ | ~~to~~ | ~~1,520,000~~ | ~~330~~ |
| ~~1,520,001~~ | ~~to~~ | ~~1,850,000~~ | ~~360~~ |
| ~~1,850,001~~ | ~~to~~ | ~~2,270,000~~ | ~~390~~ |
| ~~2,270,001~~ | ~~to~~ | ~~3,020,000~~ | ~~420~~ |
| ~~3,020,001~~ | ~~to~~ | ~~3,960,000~~ | ~~450~~ |
| ~~3,960,001~~ | ~~to~~ | ~~More~~ | ~~480~~ |

(3) through (12) No change.

*Rulemaking Authority 403.8055, 403.853(3), 403.861(9) FS. Law Implemented 403.853(1), (3), (7), 403.861(16), (17) FS. History–New 1-1-93, Amended 7-4-93, Formerly 17-550.518, Amended 9-7-94, 2-7-95, 8-1-00, 11-27-01, 4-3-03, 11-28-04, 7-7-15, \_\_\_\_\_\_\_\_\_\_.*

## 62-550.520 Secondary Contaminants Monitoring Requirements.

(1) Analysis to determine compliance with Rule 62-550.320, F.A.C., shall be conducted by all community water systems and shall be repeated once each compliance period. Lime softening facilities may operate above 8.5 but less than or equal to 9.0 pH units without Department approval, and may operate above 9.0, but less than or equal to 10.0 pH units upon approval by the Department of a written demonstration by the water system that operating at the higher pH will not cause the treatment plant to suffer operational failures, that minimum disinfectant levels can be maintained throughout the distribution system, and that the system can remain in compliance with the lead and copper and microbiological provisions of Chapters 62-550 and 62-555, F.A.C. Subpart H ~~Surface water~~ systems or ground water systems that are required to demonstrate the effectiveness of their primary disinfection treatment process to meet *Giardia lamblia* or virus inactivation requirements, shall operate within a pH range as specified for their disinfectant in the tables in Appendix E of the Guidance Manual adopted in subsection 62-555.335(1), F.A.C.

(2) through (3) No change.

*Rulemaking Authority 403.861(9) FS. Law Implemented 403.853(1), (3), 403.861(16), (17) FS. History–New 11-19-87, Formerly 17-22.320, Amended 1-18-89, 5-7-90, 1-1-93, 7-4-93, Formerly 17-550.520, Amended 11-28-04, \_\_\_\_\_\_\_\_\_\_.*

## 62-550.521 Unregulated Contaminants Monitoring Requirements.

No change.

*Rulemaking Authority 403.853(3), 403.861(9) FS. Law Implemented 403.853(1), (3), 403.861(16), (17) FS. History–New 1-1-93, Amended 7-4-93, Formerly 17-550.521, Amended 9-7-94, 2-7-95, 8-1-00*

## 62-550.540 Monitoring of Consecutive Public Water Systems.

No change.

*Rulemaking Authority 403.8055, 403.861(9) FS. Law Implemented 403.853(1), (3), (7), 403.861(16), (17) FS. History–New 11-19-87, Formerly 17-22.340, Amended 1-18-89, 1-1-93, Formerly 17-550.540, Amended 11-27-01, 10-14-04, 11-28-04, 12-30-11, 7-7-15.*

## 62-550.817 Additional Requirements for Subpart H Surface Water Systems.

The requirements for subpart H systems in this section apply to all subpart H systems, except where noted in this section, and are in addition to the requirements applicable to all public water systems found elsewhere in Chapters 62-550, 62-555, and 62-560, F.A.C. Subparagraph 62-550.817(1)(b)2. and paragraphs 62-550.817(11)(e) and 62-550.817(13)(b), F.A.C., apply only to consecutive systems that receive any finished water originating from a subpart H system. In addition to the requirements of this section, the standards and criteria contained in the regulations adopted in subsections 62-550.817(1), (2), (3), and (4), F.A.C., are adopted by reference and enforceable under these rules. A subpart H system is considered to be in compliance with the requirements of this section if it meets all the requirements set forth in this section. A subpart H system is considered to be out of compliance with the requirements of this section if it does not meet all the requirements set forth in this section.

(1) Scope of Requirements.

(a) These rules are intended to implement the National Primary Drinking Water Regulations related to the disinfection and filtration of surface water and ground water under the direct influence of surface water, and the recycle of fluids referenced in 40 C.F.R. §141.76(a) (July 1, 2011), which is incorporated by reference in subparagraph 62-550.817(1)(a)2., F.A.C., by subpart H systems that employ conventional filtration or direct filtration treatment.

1. ~~They adopt~~ F~~f~~iltration and disinfection are ~~as~~ best available treatment techniques for the removal or inactivation of pathogens in lieu of establishing a maximum contaminant level for the following contaminants: C*ryptosporidium, Giardia lamblia*, viruses, heterotrophic plate count (HPC) bacteria, *Legionella*, and turbidity. Subpart H systems shall provide treatment for the ~~of those~~ part(s) of their source water that is ~~are~~ surface water, advanced treated water, or ground water under the direct influence of surface water. Such treatment shall comply with the treatment technique requirements found in paragraph 62‑550.817(2)(b), F.A.C., in lieu of maximum contaminant levels for *Cryptosporidium*, *Giardia lamblia*, viruses, HPC bacteria, *Legionella,* and turbidity.

2. No change.

(b) For purposes of the requirements of this section:

1. No change.

2. Consecutive systems that receive any finished water originating from a subpart H system are considered subpart H systems for the purpose of demonstrating compliance with the distribution system disinfection residual maintenance requirements of 40 CFR 141.72(b)(3)(i), adopted in subsection 62-550.817(2), F.A.C., the monitoring requirements of subsection ~~paragraph~~ 62-550.817(11)~~62-550.817(10)(e)~~, F.A.C., and the reporting requirements of subsection ~~paragraph~~ 62-550.817(13)~~62-550.817(12)(b)~~, F.A.C.

3. through 4. No change.

(2) Filtration and Disinfection. In addition to the requirements of this chapter, the standards and criteria contained in the July 1, 2014, edition of 40 C.F.R. §§141.13, 141.22, 141.70(a), 141.70(b)(2), 141.70(c), 141.70(d), 141.70(e), 141.71(b)(6), 141.72, 141.72(a), 141.72(b)(1), 141.72(b)(2), 141.72(b)(3)(i), 141.73, 141.74, and 141.75 (<http://www.flrules.org/Gateway/Reference.asp?No=Ref-05603>) are adopted by reference and enforceable under this rule. However, 40 C.F.R. §141.72(b)(3)(ii) is not adopted. This subsection shall be effective on July 7, 2015.

(a) No change.

(b) Treatment Techniques

1. through 3. No change

4. Minimum disinfection log-inactivation effectiveness requirements pursuant to 40 CFR 141.72(b)(1). The determination of log-removal/inactivation effectiveness achieved, specific to the system operating conditions, shall be made using the methods in subsections (6) and (7) below.

a. through e. No change.

f. A violation of the requirement set forth in sub-subparagraph 62-550.817(2)(b)4.e.(III), F.A.C. ~~III~~ above is a treatment technique violation.

g. If, in any daily measurement, log-inactivation levels are insufficient to meet the requirements of sub-subparagraphs 62-550.817(2)(b)4.a. through d., F.A.C., above, the operator shall take immediate steps to increase disinfection levels.

(3) through (4) No change.

(5) Sanitary Surveys and Other Inspections.

(a) No change.

(b) Systems shall respond in writing no later than within 45 days after the receipt of a written report of:

1. A sanitary survey outlining significant deficiencies required under paragraph 62-550.817(5)(a), F.A.C.,~~(a)~~ above. Systems shall indicate how and on what schedule the system will address significant deficiencies noted in the survey, and

2. A sanitary survey, CPE evaluation, or an inspection referenced in paragraph 62-550.817(5)(c), F.A.C., ~~(c)~~below indicating how and on what schedule the system will undertake the filter backwash recycle modifications noted.

(c) A subpart H public water system shall take the necessary steps to correct any failure to follow the filter backwash recycling treatment technique requirements of 40 CFR 141.76(c) ~~identified in subparagraph (b)2., above~~.

(6) through (8) No change.

(9) Demonstrating and evaluating disinfection effectiveness through completion of Form 62-555.900(2).

(a) Subpart H systems shall demonstrate the effectiveness of their disinfection treatment by:

1. No change.

2. Estimating log-inactivation effectiveness. Systems shall use the procedures in Form 62-555.900(2) and in Appendix C of the guidance manual adopted as subsection 62-555.335(1), F.A.C., to calculate the log-inactivation effectiveness of their treatment processes to demonstrate the effectiveness of their disinfection treatment to meet the requirements of subparagraph 62-550.817(2)(b)4.~~62-550.817(2)(b)3.~~, F.A.C.

(b) Systems that propose to treat surface water or advanced treated water shall submit CT calculations with the design report required by paragraph 62-555.520(4)(a), F.A.C., when applying for a construction permit.

(c) Systems that use tracer studies to determine the time of travel or baffling factors ~~coefficients~~ shall summarize the results of their evaluations by submitting a written Disinfectant Contact Time Compliance Report to the Department.

1. No change.

2. Until a Disinfectant Contact Time Compliance Report prepared under subsection (1) above is approved by the Department, the system shall use baffling factors ~~coefficients~~ approved by the Department under sub-subparagraph 62-550.817(9)(a)1.b.~~62-550.817(8)(a)1.b.~~, F.A.C., when completing Form 62-555.900(2).

(d) through (f) No change.

(10) Approving Alternative Filtration Technologies Pursuant to 40 C.F.R. §§142.16(g)(2)(iv) and 142.16(j)(2)(iv) (July 1, 2011).

(a) Subpart H systems proposing to use other filtration technologies shall perform pilot plant studies to demonstrate the effectiveness of the proposed treatment process to treat water similar to the water source being used.

1. through 3. No change.

4. The system shall comply with the monitoring and reporting requirements of subsections 62-550.817(10) and 62-550.817(11), F.A.C. ~~below~~.

(b) through (c) No change.

(11) through (15) No change.

*Rulemaking Authority 403.8055, 403.861(9) FS. Law Implemented 403.852(12), 403.853(1), (3) FS. History–New 4-3-03, Amended 5-28-03, 11-25-03, 10-14-04, 1-17-05, 12-30-11, 7-7-15, 8-5-16, \_\_\_\_\_\_\_\_\_\_.*

## 62-550.821 Disinfectant Residuals, Disinfection Byproducts (Stage 1), and Disinfection Byproduct Precursors.

The requirements contained in the July 1, 2014, edition of 40 C.F.R. Part 141, Subpart L (Sections 141.130 through 141.135) (<http://www.flrules.org/Gateway/reference.asp?No=Ref-05604>), are adopted and incorporated herein by reference and are enforceable under this rule. The following are clarifications and additions to the requirements in 40 C.F.R. Part 141, Subpart L. This introductory text shall be effective on July 7, 2015.

(1) In 40 CFR 141, subpart L, the term “State” shall mean “Department.” Also, references to section 141.2 shall be interpreted to mean Rule 62-550.200, F.A.C.; references to section 141.21 shall be interpreted to mean Rule 62-550.518, F.A.C.; references to section 141.23(k)(1) or 141.89(a) shall be interpreted to mean subsection 62-550.550(1), F.A.C.; references to section 141.31 shall be interpreted to mean subsection 62-550.730(1), F.A.C.; references to section 141.32 or 141.202 shall be interpreted to mean Rule 62-560.410, F.A.C.; references to section 141.32(e)(78) shall be interpreted to mean subsection 62-560.410(6), F.A.C.; references to section 141.64 or 141.64(a) shall be interpreted to mean paragraph 62-550.310(3)(b), F.A.C.; references to section 141.65 shall be interpreted to mean subsection 62-550.310(2), F.A.C.; references to section 141.74(b)(6)(i) shall be interpreted to mean subsection 62-550.514(1)~~62-550.560(2)~~, F.A.C.; references to section 141.74(c)(3)(i) shall be interpreted to mean subsection 62-550.514(1) ~~paragraph 62-550.560(3)(d)~~, F.A.C.; references to subpart Q shall be interpreted to mean Part IV of Chapter 62-560, F.A.C.; and references to section 142.16(h)(5) shall be interpreted to mean subsection 62-550.821(9), F.A.C.

(2) through (17) No change.

*Rulemaking Authority 403.8055, 403.861(9) FS. Law Implemented 403.0877, 403.852(12), 403.853(1), (3), (7), 403.861(16), (17) FS. History–New 11-27-01, Amended 11-28-04, 1-17-05, 12-30-11, 7-7-15, \_\_\_\_\_\_\_\_\_\_.*

## 62-550.824 Consumer Confidence Reports.

No change.

*Rulemaking Authority 403.8055, 403.861(9) FS. Law Implemented 403.853(3), (4), 403.861(9) FS. History–New 9-22-99, Amended 8-1-00, 11-27-01, 4-10-03, 12-30-11, 7-7-15.*

## 62-550.828 Ground Water Rule.

No change.

*Rulemaking Authority 403.8055, 403.861(9) FS. Law Implemented 403.852(12), 403.853(1), (3), (4), (7), 403.861(16), (17) FS. History–New 12-30-11, Amended 7-7-15, 8-5-16.*