

**TITLE 252. DEPARTMENT OF ENVIRONMENTAL QUALITY
CHAPTER 626. PUBLIC WATER SUPPLY CONSTRUCTION STANDARDS**

RULE IMPACT STATEMENT

Before the Water Quality Management Advisory Council on October 8, 2013
Before the Environmental Quality Board on November 13, 2013

1. **DESCRIPTION:** The proposed regulations will: (1) require that at least one set of construction plans be submitted on 11" x 17" paper; (2) require a public water supply system to submit a copy of its water rights verification form and/or its purchase water contract when submitting an engineering report; (3) update the analytical testing equipment's capability requirements for iron and manganese removal plants; (4) add fluoride concentration testing requirement for plants that treat or blend for the reduction of naturally occurring fluoride; (5) clarify that test equipment must be able to measure phosphate from 0.1 to 20 mg/l when poly or orthophosphates are added; (6) clarify that the chlorine residual needs to be monitored and recorded at the point of entry to the distribution system; (7) clarify that disinfection with chloramines is not allowed for primary disinfection to meet contact time (CT) requirements; (8) move the fluoridation requirements from "Subchapter 9. Treatment" to "Subchapter 11. Chemical Application"; (9) add a requirement for the inclusion of tracer wire for all non-ferrous waterline installations; and (10) make other minor corrections and clarifications.
2. **CLASSES OF PERSONS AFFECTED:** The classes of persons affected are those who seek permits to modify or construct public water supply facilities.
3. **CLASSES OF PERSONS WHO WILL BEAR COSTS:** The proposed rule modifications will impose additional costs to: (1) those water systems needing to purchase fluoride testing equipment and supplies for the purpose of testing fluoride concentrations; and (2) those water systems that will need to purchase tracer wire for all non-ferrous waterline installations.
4. **INFORMATION ON COST IMPACTS FROM PRIVATE/PUBLIC ENTITIES:** DEQ has not received any information from other public or private entities concerning the cost impacts of the proposed regulations.
5. **CLASSES OF PERSONS BENEFITTED:** Owners/operators of public water supply systems will benefit by having more uniform rules; all citizens of Oklahoma will benefit, particularly those members of the public who consume drinking water from a public water supply.
6. **PROBABLE ECONOMIC IMPACT ON AFFECTED CLASSES OF PERSONS:** DEQ anticipates a small economic impact to owners of public water supply systems that are not already implementing the proposed measures.
7. **PROBABLE ECONOMIC IMPACT ON POLITICAL SUBDIVISIONS:** DEQ

anticipates a small economic impact to political subdivisions (e.g., municipalities and rural water associations) that are not already implementing the proposed measures.

8. **POTENTIAL ADVERSE EFFECT ON SMALL BUSINESS:** None anticipated.
9. **LISTING OF ALL FEE CHANGES, INCLUDING A SEPARATE JUSTIFICATION FOR EACH FEE CHANGE:** N/A
10. **PROBABLE COSTS AND BENEFITS TO DEQ TO IMPLEMENT AND ENFORCE:**
There are no anticipated additional costs to DEQ to implement and enforce the proposed rules. Implementing the proposed rule modifications will help DEQ continue to ensure the safety of public water supply systems in Oklahoma and maintain compliance with its agreement with EPA to properly enforce the federal program.
11. **PROBABLE COSTS AND BENEFITS TO OTHER AGENCIES TO IMPLEMENT AND ENFORCE:** None anticipated.
12. **SOURCE OF REVENUE TO BE USED TO IMPLEMENT AND ENFORCE RULE:**
There is no new funding necessary to implement and enforce this rule. Current funding sources include federal grant funds, user fees and general revenue appropriations.
13. **PROJECTED NET LOSS OR GAIN IN REVENUES FOR DEQ AND/OR OTHER AGENCIES IF IT CAN BE PROJECTED:** None anticipated.
14. **COOPERATION OF POLITICAL SUBDIVISIONS REQUIRED TO IMPLEMENT OR ENFORCE RULE:** None anticipated.
15. **EXPLANATION OF THE MEASURES THE DEQ TOOK TO MINIMIZE COMPLIANCE COSTS:** N/A
16. **DETERMINATION OF WHETHER THERE ARE LESS COSTLY OR NONREGULATORY OR LESS INTRUSIVE METHODS OF ACHIEVING THE PURPOSE OF THE PROPOSED RULE:** There are no less costly or non-regulatory methods of achieving the purpose of the proposed regulations.
17. **DETERMINATION OF THE EFFECT ON PUBLIC HEALTH, SAFETY AND ENVIRONMENT:** The proposed regulations will make the requirements more uniform; ensure that testing equipment measures iron, manganese and fluoride accurately so that the drinking water being produced is compliant with the drinking water standards; and reduce the likelihood of water supply lines being accidentally damaged.
18. **IF THE PROPOSED RULE IS DESIGNED TO REDUCE SIGNIFICANT RISKS TO THE PUBLIC HEALTH, SAFETY AND ENVIRONMENT, EXPLANATION OF THE NATURE OF THE RISK AND TO WHAT EXTENT THE PROPOSED RULE**

WILL REDUCE THE RISK: See paragraph 17.

19. **DETERMINATION OF ANY DETRIMENTAL EFFECT ON THE PUBLIC HEALTH, SAFETY AND ENVIRONMENT IF THE PROPOSED RULE IS NOT IMPLEMENTED:** See paragraph 17.
20. **PROBABLE QUANTITATIVE AND QUALITATIVE IMPACT ON BUSINESS ENTITIES (INCLUDE QUANTIFIABLE DATA WHERE POSSIBLE).** None anticipated.

THIS RULE IMPACT STATEMENT WAS PREPARED ON: September 12, 2013

Amended September 20, 2013.