

## EPD Watershed Protection Branch

### Notice of Second Stakeholder Meeting regarding the Minimum Standards for Public Water Systems, Section 5.2.6.2 (Steel Casing of Drinking Water Wells) and Rules for Safe Drinking Water, Rule 391-3-5-.07(5)(b)

This is the second notice regarding updates to **Section 5.2.6.2 of the Minimum Standards for Public Water Systems** (revised March 2021) and in the **Rules for Safe Drinking Water, Rule 391-3-5-.07(5)(b)**. On December 14, 2022, the Georgia Environmental Protection Division (EPD) Watershed Protection Branch's Drinking Water Program held a virtual stakeholder meeting to discuss wall thickness of steel casing used in the construction of drinking water wells. Based on public comments received, the Drinking Water Program has prepared proposed updates to:

- Section 5.2.6.2 of the Minimum Standards for Public Water Systems; and
- Rule 391-3-5-.07(5)(b)1.

Excerpts from the current Minimum Standards requirements and related rule, showing proposed updates in strikethrough/underline format, are attached below.

The Drinking Water Program will hold a second virtual stakeholder meeting to discuss this topic on **Thursday, March 9, 2023 beginning at 10:00 a.m.** on the Zoom web conferencing platform. The login information for the meeting is below.

#### Zoom Meeting Details:

March 9, 2023, beginning at 10:00 a.m.

Link to join:

<https://gaepd.zoom.us/j/96554908351?pwd=RFZBcnZSR2Q4ank4Y1ZmOTg3SkYrdz09>

Meeting ID: 965 5490 8351

Passcode: 316576

Those joining via computer can use their computer audio, or may also dial-in.

Dial-in number: 1- 470-381-2552 (with same Meeting ID as above)

At the stakeholder meeting, anyone may present data, make a statement, or offer comments either orally or in writing. Lengthy statements or statements of a considerable technical or economic nature, as well as previously recorded messages, should be submitted in writing.

Written comments are also welcomed and should be received by close of business on **Thursday, March 16, 2023**. Written comments may be emailed to [EPDComments@dnr.ga.gov](mailto:EPDComments@dnr.ga.gov). Please include the words "Drinking Water Program Updates" in the subject line to help ensure that your comments will be forwarded to the correct staff.

February 9, 2023

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5.2.6.2 STEEL CASING

- a. Steel pipe well casing shall conform to American Society for Testing and Materials (ASTM) Specification A53 or American Petroleum Institute (API) Specification 5L or equal standard and meet the following minimum wall thickness shown below; unless otherwise approved by the Division.

Nominal Casing Diameter (in inches)	Minimum Wall Thickness (in inches)
4*	<del>0.237</del> <u>0.188</u>
5*	<del>0.258</del> <u>0.188</u>
6	0.280
8	0.322
10	0.365
12	0.375
14	0.375
16	0.375
18	0.375
20	0.375
24	0.500
26	0.500

\* not recommended for use in corrosive or high alkaline water

- b. have additional thickness and weight if minimum thickness is not considered sufficient to assure reasonable life expectancy of a well;
- c. be capable of withstanding forces to which it is subjected;
- d. be equipped with a drive shoe when driven; and
- e. have full circumferential welds or threaded coupling joints.

**Rule 391-3-5-.07 Wells**

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(5) **Well Construction Standards.** All wells must be constructed as hereinafter provided, however, deviations from these rules may be permitted or required by the Division due to the variable conditions of the subsurface and ground water quality in a specific area.

(a) Drilling fluids must be from an uncontaminated source or must be disinfected.

(b) All permanent casing, liners, screens and other manufactured material used in the well installation must be new and adequate to protect the well against entrance of contaminants during the expected life of the well. All casing and liner pipe joints shall be water tight the entire length in drilled wells.

1. Steel pipe well casing shall conform to American Society for Testing and Materials (ASTM) Specification A 53, American Petroleum Institute (API) Specification 5L, or equal standard, and meet the following minimum wall thickness unless otherwise approved by the Division.

Nominal Casing Diameter (inches)	Minimum Wall Thickness (inches)
4	<del>0.237</del> 0.118
5	<del>0.258</del> 0.118
6	0.280
8	0.322
10	0.365
12	0.375
14	0.375
16	0.375
18	0.375
20	0.375
24	0.500
26	0.500