

FINAL PROPOSED RULES  
 Special Area Well Construction Standards-  
 Petes Mountain Area & Eola Hills Ground  
 Water Limited Area  
 OAR Chapter 690, Division 200  
 May 30, 2008

1           **690-200-0028 Designated Special Area Standards**

2           **2) Special Area Standards for the Construction, Conversion and**  
 3           **Maintenance of Water Supply Wells for the “Petes Mountain Area”,**  
 4           **Clackamas County.**

5           **(A) As used in this rule and illustrated in Figure 200-4, "The Petes Mountain**  
 6           **Area" includes the area located in Sections 28, 29, 32, 33 and 34 Township 2**  
 7           **South, Range 1 East, Willamette Meridian; and Sections 2, 3, 4, 5, 9,10, 11,**  
 8           **15 and 16, Township 3 South, Range 1 East, Willamette Meridian.**  
 9           **Beginning at the intersection of SW Ek Road and SW Stafford Road (T.2 S.,**  
 10           **R.1 E., Sec. 29); thence southerly along SW Stafford Road to SW Mountain**  
 11           **Road; thence southerly along SW Mountain Road to SW Hoffman Road;**  
 12           **thence easterly along SW Hoffman Road to the intersection of SW Hoffman**  
 13           **Road, SW Petes Mountain Road and SW Riverwood Drive; thence due east**  
 14           **to the Willamette River; thence northerly along the Willamette River to the**  
 15           **mouth of the Tualatin River; thence northwesterly along the Tualatin River**  
 16           **to SW Borland Road (a.k.a. Willamette Falls Drive); thence northwesterly**  
 17           **along SW Borland Road to SW Ek Road; thence westerly along SW Ek Road**  
 18           **to SW Stafford Road, to the point of beginning.**

19           **(B) All new, altered, deepened or converted wells constructed in the**  
 20           **Petes Mountain Area shall be cased and sealed in accordance with**  
 21           **OAR 690, Division 210 with the following additional requirements:**

22           **(a) All new wells shall have a nominal minimum well casing diameter**  
 23           **of at least 6 inches.**

24           **(b) All wells shall have a minimum ¾-inch diameter dedicated**  
 25           **measuring tube installed at the time of pump installation, pump**  
 26           **repair or pump replacement (See Figure 200-5 and OAR 690-215-**  
 27           **0200).**

28           **(C) Alternatives to the special area standards shall be approved only**  
 29           **if it can be demonstrated that the alternative techniques proposed to**  
 30           **be used are as effective as the techniques required in subsection (2)(B)**  
 31           **above. Such alternatives require prior written approval by the**  
 32           **Department. In addition, follow-up testing may be required by the**  
 33           **Department to insure the effectiveness of the alternative technique.**

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1           **(D) Except as they may conflict with subsection (2)(B), all other**  
 2           **provisions of Oregon Administrative Rules for Well Construction and**  
 3           **Maintenance Standards apply.**

4           **(E) This rule is applicable to wells for which pump installation, repair**  
 5           **or replacement began on or after July 1, 2008.**

6           **(F) This special area standard may be revised at a future date when**  
 7           **additional information and analysis is provided from other agencies**  
 8           **including the Oregon Department of Environmental Quality.**

9           **3) Special Area Standards for the Construction, Conversion and**  
 10           **Maintenance of Water Supply Wells for the “Eola Hills Ground Water**  
 11           **Limited Area ,” Polk and Yamhill Counties.**

12           **(A) As used in this rule and illustrated in Figure 200-7, “The Eola Hills**  
 13           **Ground Water Limited Area” includes all or portions of Sections 4 through**  
 14           **9, 16 through 21, and 29 through 32, Township 6 South, Range 3 West,**  
 15           **Willamette Meridian; Sections 3 through 10, 15 through 22, 28, 29 and 30,**  
 16           **Township 7 South, Range 3 West, Willamette Meridian; Sections 1 through**  
 17           **5, 8 through 17, 20 through 29, and 32 through 36, Township 6 South, Range**  
 18           **4 West, Willamette Meridian; and Sections 1 through 30, Township 7 South,**  
 19           **Range 4 West, Willamette Meridian. The boundary of the Eola Hills area is**  
 20           **as follows: Beginning at the intersection of the south line of Township 5**  
 21           **South and U.S. Highway 99W, thence east along the township line to the**  
 22           **Willamette River, thence southerly to Oregon State Highway 22, thence**  
 23           **westerly to U.S. Highway 99W, thence northerly along Hwy 99W to the point**  
 24           **of beginning.**

25           **(B) All new, altered, deepened or converted wells constructed in the Eola**  
 26           **Hills Ground Water Limited Area shall be cased and sealed in accordance**  
 27           **with OAR 690, Division 210 with the following additional requirements:**

28           **(a) All new wells shall have a nominal minimum well casing diameter of at**  
 29           **least 6 inches.**

30           **(b) All wells, in all aquifers, shall have a minimum ¾-inch diameter**  
 31           **dedicated measuring tube installed at the time of pump installation,**  
 32           **pump repair or pump replacement (See Figure 200-5 and OAR 690-**  
 33           **215-0200).**

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1            **(c) All new and deepened wells developing water from basalt in the**  
 2            **Eola Hills Ground Water Limited Area shall be limited to one aquifer**  
 3            **and shall be continuously cased and continuously sealed to within 100**  
 4            **feet of the bottom of the hole.**

5            **(C) Alternatives to the special area standards shall be approved only**  
 6            **if it can be demonstrated that the alternative techniques proposed to**  
 7            **be used are as effective as the techniques required in subsection (3)(B)**  
 8            **above. Such alternatives require prior written approval by the**  
 9            **Department. In addition, follow-up testing may be required by the**  
 10           **Department to insure the effectiveness of the alternative technique.**

11           **(D) Except as they may conflict with subsection (3)(B), all other**  
 12           **provisions of Oregon Administrative Rules for Well Construction and**  
 13           **Maintenance Standards apply.**

14           **(E) This rule is applicable to wells for which pump installation, repair**  
 15           **or replacement began on or after July 1, 2008.**

16           **690-200-0050 Definitions**

17           The Water Resources Commission uses the definitions of the words listed  
 18           below in the administration and enforcement of Oregon's Ground Water  
 19           Law and the Rules and Regulations for the Construction and Alteration of  
 20           Wells. No other definitions of these same words apply:

21           (3) "Access Port" means a minimum 1/2-inch tapped hole and plug, a 1/2-  
 22           inch capped pipe welded onto the casing in the upper portion of a water  
 23           supply well, **or a dedicated measuring tube to permit unobstructed**  
 24           **entry to determine the water level in the well at any time.**

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