

FINAL PROPOSED RULES  
 Special Area Well Construction Standards-  
 Petes Mountain Area & Eola Hills Ground  
 Water Limited Area  
 OAR Chapter 690, Division 215  
 May 30, 2008

1 **690-215-0060**

2 **Access Ports, Dedicated Measuring Tubes or Airlines**

3 All water supply wells shall be equipped with an **unobstructed** access port with a  
 4 minimum diameter of 1/2 inch **for the purpose of determining** the water level in the  
 5 well at any time. **Dedicated measuring tubes are recommended to be installed on all**  
 6 **wells at the time of pump installation. Where required, dedicated measuring tubes**  
 7 **shall be a minimum of 3/4 inch diameter schedule 40 PVC and shall extend to the top**  
 8 **of the pump. The dedicated measuring tube shall be vented above and below the**  
 9 **well cap and shall be attached to the pump column at 10 foot intervals with 10 mil**  
 10 **plastic tape. The lower five feet of the dedicated measuring tube shall be either 0.020**  
 11 **inch machine slotted well screen or the lower 20 feet of the dedicated measuring**  
 12 **tube shall be extensively perforated with 1/8 inch holes. The dedicated measuring**  
 13 **tube shall be plugged or capped at the bottom (Figure 200-5). The dedicated**  
 14 **measuring tube shall not be reduced in size over the length of the pipe and shall**  
 15 **remain free from wire or other obstruction. An airline is not a substitute for a**  
 16 **required dedicated measuring tube and, if installed, must enter the well in a location**  
 17 **other than the access port. Access ports, dedicated measuring tubes or airlines shall**  
 18 **be capped and a minimum of twelve inches above finished ground surface or pumphouse**  
 19 **floor. If the well has a pitless adaptor then the dedicated measuring tube shall**  
 20 **terminate within six inches of the top of the well casing. The access port, airline and**  
 21 **dedicated measuring tube on all water supply wells required by OAR 690-210-0280**  
 22 **shall be maintained in a condition that will prevent contamination of the ground water,**  
 23 **and shall remain unobstructed and be maintained by the landowner so that the water**  
 24 **level can be determined at any time.**

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 26 Stat. Auth.: ORS 183, ORS 536, ORS 537 & ORS 540

27 Stats. Implemented:

28 Hist.: WRD 3, f. & ef. 2-18-77; WRD 9-1978, f. 12-12-78, ef. 1-1-79; WRD 13-1986, f. 10-7-86, ef. 11-1-  
 29 86, Renumbered from 690-062-0015; WRD 7-2001, f. & cert. ef. 11-15-01

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 31 **690-215-0080**

32 **Flowmeters and Dedicated Measuring Tubes**

33 The Director may require the landowner to install totalizing flowmeters **or dedicated**  
 34 **measuring tubes** on any water supply well, either as a condition of a water right permit  
 35 or at a later date as circumstances may warrant. The landowner may be required to install  
 36 totalizing flowmeters **or dedicated measuring tubes** on existing permitted wells and on  
 37 wells which are exempted by ORS 537.545.

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 39 Stat. Auth.: ORS 183, ORS 536, ORS 537 & ORS 540

40 Stats. Implemented:

41 Hist.: WRD 13-1986, f. 10-7-86, ef. 11-1-86; WRD 7-2001, f. & cert. ef. 11-15-01

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**690-215-0200 Dedicated Measuring Tube**

**A dedicated measuring tube as described in 690-215-0060 shall be installed in any water supply well at the time of pump installation, pump repair or pump replacement in the following areas (See Figures 200-4, 200-5 and 200-7):**

- 1. Petes Mountain Area of Clackamas County (See OAR 690-200-0028(2));**
- 2. Eola Hills Ground Water Limited Area of Polk and Yamhill Counties (See OAR 690-200-0028(3)).**