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**PERMANENT ADMINISTRATIVE RULES**

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I certify that the attached copies are true, full and correct copies of the PERMANENT Rule(s) adopted on 11/21/2014 by the  
Water Resources Department

Agency and Division

Administrative Rules Chapter Number

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To become effective Upon filing. Rulemaking Notice was published in the September 2014 Oregon Bulletin.

**RULE CAPTION**

Well construction rules focused on: Bentonite seals, deepenings, sparge wells, grout reporting and closed loops.

Not more than 15 words that reasonably identifies the subject matter of the agency's intended action.

**RULEMAKING ACTION**

Secure approval of new rule numbers with the Administrative Rules Unit prior to filing.

**ADOPT:**

**AMEND:**

690-200-0005, 690-210-0310, 690-210-0340, 690-215-0045, 690-240-0005, 690-240-0035, 690-240-0046

**REPEAL:**

**RENUMBER:**

**AMEND AND RENUMBER:**

**Statutory Authority:**

ORS 183; ORS 536; ORS 537 & 540

**Other Authority:**

**Statutes Implemented:**

ORS 183; ORS 536; ORS 537 & 540

**RULE SUMMARY**

The rule changes vary in scope and include:

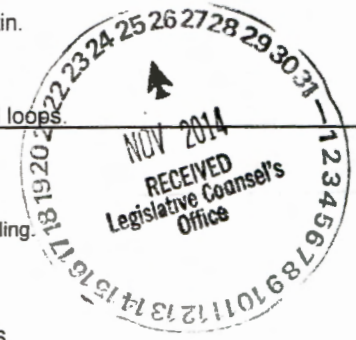
- Changes the classification of a sparge well from a geotechnical hole to a monitoring well.
- Requires well constructors to calculate and report how much sealing material is required and how much is used when placing an annular seal.
- Clarifies the requirements when deepening an existing well and requires a copy of the original well report or the original well report number to be submitted with the deepening well report.
- Corrects a rule reference error in the Geotechnical Hole rules.
- Clarifies that the quality of water cannot interfere with the proper hydration of bentonite in closed loop installations.
- Allows unhydrated bentonite to be used to 200 feet through up to 50 feet of standing water to seal water supply wells.
- Requires unhydrated bentonite to be screened during placement through water, water quality to be tested and describes when it cannot be used.

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OREGON ADMINISTRATIVE RULES  
 WATER RESOURCES DEPARTMENT  
 CHAPTER 690 DIVISION 200  
 WATER SUPPLY WELL CONSTRUCTION STANDARDS

**TABLE 200-1**

**WHICH SET OF STANDARDS APPLIES?**

The Department currently regulates the construction of borings through which ground water could become contaminated. The type of boring (and its purpose) will determine which set of regulations apply. Questions often arise as to how a certain boring is to be regulated. In general, if the purpose of a boring is to seek water then it is considered a well. The table below lists common types of holes and which category they fall into. This is not a complete list of borings and there are other types of borings regulated by other agencies. Contact the Water Resources Department if there is a question as to what standard applies or what agency may need to be contacted.

The general standards and their Oregon Administrative Rule reference are:

Water Supply Wells	OAR 690-200 through 690-235
Monitoring Wells	OAR 690-240
Other Holes	OAR 690-240-0030
Geotechnical Holes	OAR 690-240-0035

Description of Boring:	Standards that Apply
Air Sparging [ <del>Hole</del> ] <b><u>Well</u></b>	<del>[Geotechnical Hole]</del> <b><u>Monitoring Well</u></b>
Aquifer Storage and Recovery Well	Water Supply Well
Cathodic Protection Hole	Geotechnical Hole
Community Well	Water Supply Well
Construction Hole	Other Hole
Dewatering Well	Water Supply Well
Domestic Well	Water Supply Well
Drive Point (Coring)	Geotechnical Hole
Drive Point Well (Dewatering)	Water Supply Well
Drive Point (Water Sampling)	Monitoring Well
Drive Point (Water Supply)	Water Supply Well
Dry (Disposal) Well	Other Hole
Elevator Shaft	Other Hole
Extraction Well	Monitoring Well
Gas Migration Hole	Geotechnical Hole
Geothermal Well	Water Supply Well
Gravel Pit	Other Hole
Heat Exchange Hole (Closed Loop)	Geotechnical Hole
Heat Exchange Hole (Open Loop)	Water Supply Well
Horizontal Drain (Slope Stability)	Geotechnical Hole
Horizontal Well (Monitoring)	Monitoring Well
Horizontal Well (Water Supply)	Water Supply Well
Hydrologic Data Hole	Geotechnical Hole
Inclinometer	Geotechnical Hole
Industrial Well	Water Supply Well

[Text to be deleted is bracketed]

**Language to be added is bolded and underlined.**



Injection Well (Water)	Water Supply Well
Irrigation Well	Water Supply Well
Monitoring Well (>72 Hours)	Monitoring Well
Municipal Well	Water Supply Well
Observation Hole	Monitoring Well
Permeability Test Hole	Geotechnical Hole
Piezometer (Electric)	Geotechnical Hole
Piezometer (Pneumatic)	Geotechnical Hole
Piezometer Well	Monitoring Well
Piling Hole	Other Hole
Post Hole	Other Hole
Power Pole Hole	Other Hole
Public Supply Well	Water Supply Well
Remediation Or Recovery Well	Monitoring Well/Water Supply Well
Rock Boring (<10 Feet)	Other Hole
Rock Boring (>10 Feet)	Geotechnical Hole
Seismic Shot Hole	Geotechnical Hole
Slope Stability Hole	Geotechnical Hole
Soil Boring (<10 Feet)	Other Hole
Soil Boring (>10 Feet)	Geotechnical Hole
Soil Vapor Hole	Geotechnical Hole
Sparging [ <i>Hole</i> ] <b><u>Well</u></b>	[ <i>Geotechnical Hole</i> ] <b><u>Monitoring Well</u></b>
Storm Water Disposal	Other Hole
Sump	Other Hole (if < 10 ft. deep and > 10 ft. dia.)
Temporary Monitoring Well (<72 Hours)	Geotechnical Hole
Trench	Other Hole
Underground Storage Tank (UST) Pit	Other Hole
Vapor Extraction Hole	Geotechnical Hole
Wetland Delineation Hole	Other Hole

[Text to be deleted is bracketed]

**Language to be added is bolded and underlined.**