

CERTIFICATE AND ORDER
FOR FILING
PERMANENT
ADMINISTRATIVE RULES WITH THE SECRETARY OF STATE

7 NOV 1994
SEC. OF STATE

I HEREBY CERTIFY that the attached copy is a true, full and correct copy of PERMANENT rule(s) adopted on October 28, 1994
(Date)

by the Water Resources Department Technical Services Division
(Department) (Division)

to become effective upon filing
(Date)

The within matter having come before the Water Resources Commission after
(Department) (Division)

all procedures having been in the required form and conducted in accordance with applicable statutes and rules and being fully advised in the premises:

Notice of Intended Action published in Secretary of State's Bulletin: NO YES Date Published: September 1, 1994

NOW THEREFORE, IT IS HEREBY ORDERED THAT the following action be taken: (List Rule Number(s) or Rule Title(s) on Appropriate Lines Below)

Adopted:
(New Total Rules)

Amended:
(Existing Rules)

Willamette Basin Program - OAR 690-502-160 (Groundwater
Classifications and Conditions)

Repealed:
(Total Rules Only)

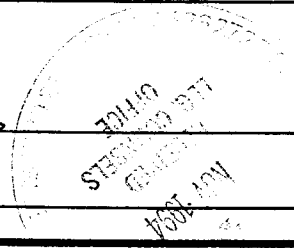
Well Construction and Maintenance - OAR 690-200-026 (Special
Area Standards for the Construction and Alteration of Wells
in the Parrett Mountain Area)

as Administrative Rules of the Water Resources Department

DATED this 7th day of November, 19 94

By: [Signature]
(Authorized Signer)

Title: Director



Statutory Authority: ORS 536.027, 536.300, 536.340 & Chapter 537 or

Chapter(s) _____, Oregon Laws 19 _____ or

House Bill(s) _____, 19 _____ Legislature; or Senate Bill(s) _____, 19 _____ Legislature

Subject Matter: The amended rule sets allowable new uses of basalt groundwater sources in the Sherwood-Dammasch-Wilsonville Groundwater Limited Area as exempted uses per ORS 537.545 and the uses requested specifically for two pending permit applications.

The repealed rule removes special well construction standards for Parrett Mountain, reverting entirely to general well construction standards.

Further Information Contact: Beth Patrino Phone: 378-8455 x299
(Rule Coordinator)

OREGON WATER RESOURCES DEPARTMENT
ADMINISTRATIVE RULES
CHAPTER 690
DIVISION 200
WELL CONSTRUCTION AND MAINTENANCE

~~[Special Area Standards for the Construction and Alteration of Wells in the Parrett Mountain Area]~~

690-200-026

(1) ~~As used in this rule and illustrated in Figure 22, "the Parrett Mountain area" includes:~~

~~Yamhill County~~

~~Township 3 South/Range 2 West, Willamette Baseline and Meridian Sections 13 (all), 14 (south and east of US 99W), 15 (south of US 99W and east of Corral Creek Rd), 22 (east of Corral Creek Rd. and its southern extension to Wilsonville Rd.), 23 (all), 24 (all), 25 (all), 26 (all), 27 (east of Wilsonville Road), 35 (north and east of Wilsonville Road), 36 (all).~~

~~Township 4 South/Range 1 West, Willamette Baseline and Meridian Section 6 (north of Willamette River).~~

~~Township 4 South/Range 2 West, Willamette Baseline and Meridian Section 1 (north of Willamette River).~~

~~Washington County~~

~~Township 2 South/Range 1 West, Willamette Baseline and Meridian Section 32 (south and east of Southern Pacific railroad tracks), 33 (south and west of Rock Ck.).~~

~~Township 3 South/Range 1 West, Willamette Baseline and Meridian Sections 6 (south and east of Cedar Creek), 7 (all).~~

~~Township 3 South/Range 2 West, Willamette Baseline and Meridian Section 1 (south of Cedar Creek), 11 (south of US 99W), 12 (south and east of US 99W).~~

~~Clackamas County~~

~~Township 3 South/Range 1 West, Willamette Baseline and Meridian Sections 4 (all), 5 (all), 8 (all), 9 (all), 10 (west of Seely Ditch), 15 (all), 16 (all), 17 (all), 18 (all), 19 (all), 20 (all), 21 (all), 28 (north of Willamette River), 29 (north of Willamette River), 30 (all), 31 (north of Willamette River), 32 (north of Willamette River).~~

(2) ~~Any new or altered well in the basalt (rock) in the Parrett Mountain area shall be cased and sealed according to OAR 690, Division 210 with the following additional requirements:~~

(a) ~~The placement of the casing and seal shall comply with one of the following standards:~~

(A) ~~Unperforated casing and seal shall extend from land surface to within 20 feet from the bottom of the well, or~~

~~(B) Unperforated casing and seal shall extend from land surface to an elevation of 300 feet or lower above mean sea level, as determined using U. S. Geological Survey 1: 24,000 scale topographic quadrangle maps or by using some more precise method, or the final static water level, whichever is lower in elevation, or~~

~~(C) In areas where basalt is fully penetrated at or above an elevation of 200 feet above mean sea level, well completion shall be as prescribed in sections (A) or (B) above or via special standards, as provided in section (5) below, after consultation with staff hydrogeologists of the Department.~~

~~(b) Perforated casing may extend below the seal.~~

~~(c) A grouting operation shall be stopped whenever loss of cement grout has occurred or is occurring. Completion of the grouting operation shall be according to one of the following standards:~~

~~(A) Allow the original grout sufficient time to set. Then continue to place more grout on top of the original grout. The grout may be placed in several lifts if needed, or~~

~~(B) Place clean gravel immediately above the top of the original grout for no more than 20 feet. Then, continue to place grout on top of the gravel, or~~

~~(C) Complete via special standards, as provided in section (5) below, after consultation with Department staff.~~

~~(3) Liner installed in any new or altered well in the basalt in the Parrett Mountain area shall not extend more than 10 feet above the bottom of the unperforated casing.~~

~~(4) Pursuant to ORS 537.780, any well in the Parrett Mountain area shall be accessible for inspection by the Department. Prior to installation of pipe and pump equipment, any new well in the Parrett Mountain area shall be accessible to downhole equipment and available for inspection by the Department for 14 days after receipt of the Water Well Report by the Department in Salem.~~

~~(5) Alternatives to the special area standards shall be approved only if it can be demonstrated that the alternative techniques proposed to be used are as effective as the techniques required in sections (2) and (3) above for preventing the commingling of waters. Such alternatives require prior written approval by the Department and appropriate follow-up testing to demonstrate that the well does not commingle. If the testing fails, the well must be repaired or abandoned to prevent commingling. This testing may include, but not be limited to, demonstration that well seals are properly placed throughout all zones required to be sealed, or that all waters entering the well bore are at the same head.~~

~~(6) Except as they may conflict with (2), (3) and (4), all other provisions of Oregon Administrative Rules for Well Construction and Maintenance Standards apply.~~

~~(7) This rule is applicable to wells for which construction or alteration began on or after March 14, 1992 and expires on November 13, 1994.]~~