

CHUCK CLARKE  
Director



STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

3601 W. Washington • Yakima, Washington 98903-1164 • (509) 575-2800

July 13, 1992

Andrew den Hoed  
Route 2 Box 2637  
Grandview WA 98930

Re: Emergency Drought Authorization - Andrew and Archie den Hoed  
(see Ground Water Application No. G4-31299)

In accordance with the provisions of RCW 43.83B.405, it was ordered and determined by the Director of the Department of Ecology on June 29, 1992, that the Yakima River basin is under drought conditions. The Yakima River basin is comprised of Water Resource Inventory Areas 37, 38, and 39, naturally drained by the Yakima River and its tributaries.

The den Hoeds own a portion of the NE $\frac{1}{4}$  of Section 6, T. 9 N., R. 24 E.W.M. and the E $\frac{1}{2}$ SE $\frac{1}{4}$  of Section 31, T. 10 N., R. 24 E.W.M. and lease a portion of the N $\frac{1}{2}$ SE $\frac{1}{4}$  of Section 6, T. 9 N., R. 24 E.W.M., of which 244.8 acres are served irrigation water by the Roza Irrigation District.

In accordance with the guidance of Chapter 173-166 Washington Administrative Code (WAC) and the Drought Declaration Order, the Washington State Department of Ecology is issuing an Emergency Drought Authorization with the following limitations and conditions:

This EMERGENCY AUTHORIZATION will terminate on or before December 1, 1992, (the effective duration of the Order of Drought Declaration), unless sooner revoked by the Director of the Department of Ecology. This authorization shall in no manner imply or be construed to guarantee that a final (regular) permit will issue for the future use of the facility herein authorized. Ground Water Application No. G4-31299 was submitted to the Department of Ecology on June 16, 1992. A formal permit decision will be made at a future undetermined date.

Withdrawal/diversion of water under this authorization may be limited or otherwise regulated in favor of senior rights.

Yakima River water delivered by the Roza Irrigation District is normally available to serve 244.8 acres within the parcel described below.

There is less than 75% of normal water supply available for delivery to the den Hoed's property described above due to drought conditions in the Yakima River drainage basin. The den Hoed's have requested in writing, authorization to construct an emergency well to supplement irrigation water normally delivered by the Roza Irrigation District.

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The emergency source authorized is a well to be located approximately 750 feet west and 100 feet north from the southeast corner of Section 31, T. 10 N., R. 24 E.W.M., being within the SE $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 31.

The following construction requirements must be satisfied before water use as described below can be started.

Installation and maintenance of an access port as described in Ground Water Bulletin No. 1 is required. An air line and gage may be installed in addition to the access port.

All water wells constructed within the state shall meet the minimum standards for construction and maintenance as provided under RCW 18.104 (Washington Water Well Construction Act of 1971) and Chapter 173-160 WAC (Minimum Standards for Construction and Maintenance of Water Wells).

The casing shall be set or placed (not driven) twenty (20) feet into the first solid, unfractured, nonporous, nonvesicular basalt flow occurring at or below 200 feet, whichever is greater. The well annulus shall be pressure grouted utilizing cement grout as a sealing agent from the bottom of the casing to land surface and the annulus shall be at least four (4) inches greater in diameter than the permanent casing. The well shall be restricted to a depth corresponding to the top of the Priest Rapids Member, which should be encountered at a depth of approximately 650 feet.

If sufficient water is not encountered within the Saddle Mountains Basalt Formation, the casing shall be set or placed (not driven) at least twenty (20) feet into the top of the Priest Rapids Member.

All other requirements specified by WAC 173-160 shall apply to this well.

If the well is constructed into the Wanapum Basalt Formation, the well shall be video scanned (providing a visually clear and recognizable picture that is continuous from land surface to the terminus of the well) and the video tape reviewed by the Central Regional Office of the Washington State Department of Ecology prior to the installation of the production pump.

Monthly power meter readings shall be submitted to the Central Regional Office of the Washington State Department of Ecology during the entire period when water is being withdrawn under this right.

This EMERGENCY AUTHORIZATION is specifically to make up for deficits in the primary water supply described above. The quantity of water is limited to 700 gpm/1.5 ac-ft/ac or 367.2 total acre-feet for irrigation of 244.8 acres located within the following described place of use:

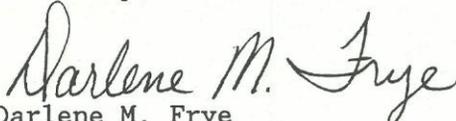
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The E $\frac{1}{2}$ NE $\frac{1}{4}$  of Section 6, T. 9 N., R. 24 E.W.M., EXCEPT that portion lying northeasterly and above Roza Main Canal. The SE $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 31, T. 10 N., R. 24 E.W.M., Benton County, Washington; EXCEPT that portion thereof lying easterly of the most easterly line of the Roza Main Canal. That portion of the NE $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 31, T. 10 N., R. 24 E.W.M. lying below the Roza Main Canal. The NE $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 31, T. 10 N., R. 24 E.W.M., EXCEPT that portion lying below the Roza Main Canal. The NE $\frac{1}{4}$  of Section 6, T. 9 N., R. 24 E.W.M., EXCEPT that portion lying northeasterly and above the Roza Main Canal. 48 acres planted to grapes within the N $\frac{1}{2}$ SE $\frac{1}{4}$  of Section 6, T. 9 N., R. 24 E.W.M. The NE $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 31, T. 10 N., R. 24 E.W.M.; EXCEPT that portion lying below the Roza Main Canal. Supplemental irrigation of 212.9 acres within the NE $\frac{1}{4}$  of Section 6, T. 9 N., R. 24 E.W.M. and the E $\frac{1}{2}$ SE $\frac{1}{4}$  of Section 31, T. 10 N., R. 24 E.W.M. shall not exceed 319.4 acre-feet per year between Ground Water Permit No. G4-29473P and this right.

You have the right to obtain review of this order. Request for review must be made, within thirty (30) days of receipt of this order, to the Washington Pollution Control Hearings Board, PO Box 40903, Olympia, Washington 98504-0903. Concurrently, a copy of the request must be sent to the Department of Ecology, PO Box 47600, Olympia, Washington 98504-7600. These procedures are consistent with the provisions of Chapter 43.21B RCW and the rules and regulations adopted thereunder.

Sincerely,



Darlene M. Frye  
Technical Unit Supervisor  
Water Resources Program

DMF:HRP:ska  
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Enclosure(s):           Ground Water Bulletin No. 1  
                                  Receipt No. 183187