

CHUCK CLARKE  
Director



STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

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

July 28, 1992

Garrett Horsley  
Horsley Orchards  
240 Borquin Road  
Wapato WA 98951

Re: Emergency Drought Authorization - Garret Horsley  
(see Ground Water Application No. G4-31355)

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.

Garret Horsley owns a portion of the W $\frac{1}{2}$  Section 5, T. 11 N., R. 20 E.W.M., SE $\frac{1}{4}$ NE $\frac{1}{4}$  Section 6, T. 11 N., R. 20 E.W.M., SE $\frac{1}{4}$ SW $\frac{1}{4}$  Section 32, T. 12 N., R. 20 E.W.M., of which 60.9 acres are served irrigation water by the Roza Irrigation District and 55 acres by the Union Gap Ditch.

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. G4-31355 was submitted to the Department of Ecology on July 24, 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 60.9 acres within the parcel described below.

There is less than 75% of normal water supply available for delivery to the Horsley property described above that is served by the Roza Irrigation District due to drought conditions in the Yakima River drainage basin. Mr. Horsley has requested in writing, authorization to construct an emergency well to supplement irrigation water normally delivered by the Roza Irrigation District.

The Horsley property served by the Union Gap Ditch is expected to receive 88% of normal water supply. This level of shortfall does not qualify for Drought Emergency Authorization under RCW 43.83B.400.

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EMERGENCY AUTHORIZATION

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Supplemental irrigation water can be provided to this portion of the property under Ground Water Certificate No. G4-24494C. Authorization to irrigate lands served by the Union Gap Ditch under Ground Water Application No. G4-31355 is therefore denied.

The emergency source authorized is a well to be located approximately 300 feet west and 100 feet south from the N $\frac{1}{4}$  corner of Section 5, T. 11 N., R. 20 E.W.M., being within the NW $\frac{1}{4}$  of Section 5.

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 1100 feet, (corresponding to the top of the Priest Rapids Member), 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 sealed utilizing cement grout as a sealing agent from the bottom of the casing to land surface.

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

After completion of construction, 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.

The annual quantity of water authorized for the supplemental irrigation of 60.9 acres shall not exceed 91.4 acre-feet per year between Drought Emergency Authorization No. G4-31341E and this authorization.

This EMERGENCY AUTHORIZATION is specifically to make up for deficits in the primary water supply described above. The quantity of water is limited to 1000 gpm/1.5 ac-ft/ac or 91.4 total acre-feet for irrigation of 60.9 acres located within the following described place of use:

SE $\frac{1}{4}$ SW $\frac{1}{4}$  of Section 32, T. 12 N., R. 20 E.W.M., and the NW $\frac{1}{4}$  of Section 5, T. 11 N., R. 20 E.W.M., Yakima County.

EMERGENCY AUTHORIZATION

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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

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9207101.ep

Enclosure(s):       Ground Water Bulletin No. 1  
                          Receipt No. 183236

cc:   Wendell Hannigan, Yakima Indian Nation