



file

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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

June 9, 1994

Olympic-Avalon-Williamson #36
4490 Washout Road
Sunnyside WA 98944-9607

Re: Emergency Drought Authorization under Application No. G4-31999

In accordance with the provisions of RCW 43.83B.405, on May 12, 1994 it was ordered and determined by the Director of the Department of Ecology that the Yakima River basin is under drought conditions. In accordance with the provisions of WAC 173-166-060, the Washington State Department of Ecology is under the terms of this Order, issuing an EMERGENCY DROUGHT PERMIT. Investigation of this application shows 407.7 acres of land assessed by the Roza Irrigation District within the legal description supplied in the application. Furthermore, two water right certificates, G4-23070C and G4-23071C, authorizing a total of 240 gallons per minute (gpm), 196 acre-feet per year, for the supplemental irrigation of 67 acres, are appurtenant to lands within the NW¼ of Section 6, T. 10 N., R. 23 E.W.M. Subtracting this number of acres from the number of acres assessed by Roza Irrigation District within the legal description, there are 340.7 acres to be considered under this application.

The application requested authorization for two wells, each with the capacity of 1000 gpm. The only aquifer that can produce this quantity of water in each well is the Wanapum Basalt formation. This aquifer has shown declines in the static head and the Department is not authorizing further appropriations from this aquifer under the drought emergency process. The applicants have agreed to drill the wells into the Saddle Mountain Basalt formation which will produce lesser amounts of water.

This authorization is conditioned by the following provisions and limitations:

1. The initiation date of this EMERGENCY PERMIT is May 24, 1994.

This EMERGENCY PERMIT will terminate on or before December 1, 1994, unless sooner revoked by the Director of the Department of Ecology. **THIS AUTHORIZATION SHALL IN NO MANNER BE CONSTRUED TO GUARANTEE OR IMPLY THAT A FINAL (REGULAR) PERMIT WILL ISSUE FOR THE FUTURE USE OF THE FACILITY HEREIN AUTHORIZED.**

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2. This authorization is for two wells to be drilled into the Saddle Mountain Basalt formation. The approximate location of each well location is as follows: Well #1: within the SE $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 31, T. 11 N., R. 23 E.W.M., lying south of the Roza Canal; Well #2: within the E $\frac{1}{2}$ of the NW $\frac{1}{4}$ of Section 6, T. 10 N., R. 23 E.W.M.
3. The following well construction requirements must be satisfied for each well before water use as described below can be started:

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 220 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 660 feet.

For the purpose of making water level measurements, installation and maintenance of an access port as described in Ground Water Bulletin No. 1 is required. An air line and gage are also required when the well has a static water level greater than 100 feet below land surface. The air line shall be constructed of 1/4 inch minimum diameter galvanized steel pipe, or comparable material if pre-approved by the department. The air line shall be equipped with a standard tire (Schrader) valve. Distance from land surface to the bottom end of the air line shall be clearly posted at the well site, accurate to 0.5 feet or less. The air line, access port, and all well equipment shall be installed and maintained to provide access for measurement of water levels.

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).

4. A suitable flow meter approved by the Department of Ecology shall be installed and maintained in accordance with WAC 508-64-020 through WAC 508-64-040. (Installation, operation and maintenance requirements attached hereto.)

Whenever water is being diverted, bi-weekly (every two weeks) readings of the flow meter shall be recorded and maintained by the permittee. These readings shall be documented by time, date, withdrawal rate, and the person conducting the measurements. Copies of these records shall be submitted to the Department of Ecology at the end of the 1994 irrigation season.

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5. The quantity of water to be withdrawn is limited to 2000 gpm and 273 acre-feet per year. This is based upon the instantaneous quantity requested in the application and an annual quantity of 0.8 acre-feet per acre.
6. Water is to be used for supplemental irrigation of 340.7 acres from May 15 to December 1, 1994. The place of use is described as follows:

OLYMPIC ORCHARDS, INC.

Parcel A: (Section 6, T. 10 N., R. 23 E.W.M.) The E $\frac{1}{2}$ NW $\frac{1}{4}$, EXCEPT right of way for Roza Main Canal Homestead Unit, EXCEPT that part lying north of Roza Main Canal.

Parcel B: (Section 6, T. 10 N., R. 23 E.W.M.) The W $\frac{1}{2}$ NW $\frac{1}{4}$ below Roza Main Canal, EXCEPT right of way for Roza Main Canal Homestead Unit.

Parcel C: (Section 31, T. 11 N., R. 23 E.W.M.) The SE $\frac{1}{4}$ SW $\frac{1}{4}$ lying southerly and below Roza Main Canal and SW $\frac{1}{4}$ SE $\frac{1}{4}$ lying southerly and below Roza Main Canal.

Parcel D: (Section 5, T. 10 N., R. 23 E.W.M.) The NW $\frac{1}{4}$ NW $\frac{1}{4}$.

AVALON FRUIT COMPANY

Parcel A: (Section 6, T. 10 N., R. 23 E.W.M.) The W $\frac{1}{2}$ NW $\frac{1}{4}$ above Roza Main Canal Homestead Unit.

Parcel B: That part of Section 31, T. 11 N., R. 23 E.W.M. described as follows: Beginning at a point on the N line which is 591.0 feet E of the NW corner; thence S 10°48' W 554.3 feet; thence S 37°55' E 622.2 feet; thence S 21°19' E 1,982.0 feet; thence S 44°00' E 799.8 feet; thence N 14°41' E 1,209.2 feet; thence N 46°12' E 2,650.0 feet; thence N 53°30' E 601.0 feet more or less to the E line of Section 31; thence N 100.0 feet to the NE corner; thence W 4,261.0 feet to the beginning.

Parcel C: The W $\frac{1}{2}$ of Section 31, T. 11 N., R. 23 E.W.M.; EXCEPT that portion lying below Roza Main Canal and EXCEPT that portion lying easterly of the following described line, beginning at a point on the N line 591.0 feet E of the NW corner; thence S 10°48' W 554.3 feet; thence S 37°55' E 622.2 feet; thence S 21°19' E 1,982.0 feet; thence S 44°00' E 799.8 feet; thence N 14°41' E 1,209.2 feet more or less to the north-south center line of Section 31.

C. EDWIN WILLIAMSON, ET AL

Parcel A: (Section 6, T. 10 N., R. 23 E.W.M.) The NE $\frac{1}{4}$ above Roza Main Canal.

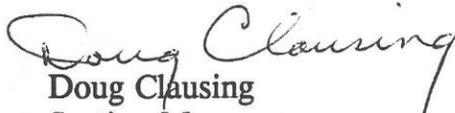
EMERGENCY PERMIT

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7. The irrigation water herein authorized to be withdrawn is supplemental to water made available under primary rights by the Roza Irrigation District. The only water herein permitted for withdrawal is water necessary to alleviate hardships and reduce burdens on water users arising from drought conditions. This amount shall not exceed 0.8 acre-feet per year per acre.
8. Withdrawal of water under this right may be limited or otherwise regulated in favor of senior rights.
9. Construction of the well under this permit must begin by October 1, 1994. No new well construction shall be allowed after this date. Construction of the well shall be completed no later than October 15, 1994.

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,


Doug Clausing
Section Manager
Water Resources Program

DC:ska
940612.wr4

Enclosures: Flow Measurement Record
Flow Meter Requirements
Ground Water Bulletin No. 1

cc: Yakama Indian Nation
Dale Bambrick
Wendell Hannigan