

CHUCK CLARKE
Director



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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

July 24, 1992

A.C.L. Farms Inc
4720 East Zillah Drive
Zillah WA 98953

Re: Emergency Drought Authorization - A.C.L. Farms Inc.
(see Ground Water Application No. G4-31340)

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.

A.C.L. Farms Inc. owns a portion of the N $\frac{1}{2}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 35 and SE $\frac{1}{4}$ NE $\frac{1}{4}$ and S $\frac{1}{2}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 37 all within, T. 11 N., R. 21 E.W.M., of which 70 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. G4-31340 was submitted to the Department of Ecology on July 9, 1992. A formal permit decision will be made at a future undetermined date.

Yakima River water delivered by the Roza Irrigation District is normally available to serve 70 acres within the parcel described below.

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

The emergency source authorized is a well to be located approximately 200 feet east and 1500 feet south from the northwest corner of Section 35, T. 11 N., R. 21 E.W.M., being within the SW $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 35.

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

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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 600 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 1,100 feet.

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

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.

There are several senior water rights using the Saddle Mountains Basalt aquifer within a $\frac{1}{4}$ mile radius of your proposed well site. Since they are supplemental wells and have not been exercised to their full extent, the aquifer has not been stressed. When all these rights are exercised, the aquifer may be stressed to the point that water is limited. If this occurs, you will be required to stop pumping under this right in order to protect senior rights.

A more secure water supply may be obtained by casing and sealing the well into the Wanapum Basalt formation which should be encountered at a depth of approximately 1,100 feet. The well would need to be set or placed (not driven) at least twenty (20) feet into the top of the Priest Rapids Member. After completion of construction, the well would be required to 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.

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 105 total acre-feet for irrigation of 70 acres located within the following described place of use:

$N\frac{1}{2}SW\frac{1}{4}NW\frac{1}{4}$ of Section 35, T. 11 N., R. 21 E.W.M., $SE\frac{1}{4}NE\frac{1}{4}$ and south 400 feet of the $NE\frac{1}{4}NE\frac{1}{4}$, both within Section 34, T. 11 N., R. 21 E.W.M., Yakima County.

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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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Enclosure(s): Ground Water Bulletin No. 1
 Receipt No. 183224

cc: Wendell Hannigan, Yakima Indian Nation