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STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

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

July 15, 1994

Well Bartsma
1880 Hamilton
Ellensburg WA 98926

Re: Emergency Drought Authorization under Application No. G4-32045

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. This authorization is conditioned by the following provisions and limitations:

1. The initiation date of this EMERGENCY PERMIT is June 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.**

2. This authorization is for a single well located within the SE¼NE¼ of Section 32, T. 17 N., R. 20 E.W.M.

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

   <u>The casing shall be set or placed (not driven) twenty (20) feet into the first solid, unfractured, nonporous, nonvesicular basalt flow. 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 depth to basalt at this location is unknown however a nearby well is 725 feet deep without penetrating basalt. Our best estimate of depth to basalt is 900 feet below land surface.</u>

   <u>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</u>

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.

5. The quantity of water to be withdrawn is limited to 1350 gallons per minute (gpm) and 167 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 246 acres from May 15 to December 1, 1994. The place of use is described as follows:

   The S½NE¼ and the NW¼ of Section 32, T. 17 N., R. 20 E.W.M.

7. The irrigation water herein authorized to be withdrawn is supplemental to water made available under primary rights by the Kittitas Reclamation 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

Doug Clausing
Section Manager
Water Resources Program

DC:PC:ska
940717.wr4

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

cc: Yakama Indian Nation
Dale Bambrick
Wendell Hannigan