

STATE OF OREGON

COUNTY OF KLAMATH

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

OREGON INSTITUTE OF TECHNOLOGY  
3201 CAMPUS DR  
KLAMATH FALLS, OR 97601

The specific limits and conditions of the use are listed below.

APPLICATION FILE NUMBER: G-17303

SOURCE OF WATER: WELL OIT 7 (KLAM 57310) IN UPPER KLAMATH LAKE BASIN

PURPOSE OR USE: COMMERCIAL USE AND INDUSTRIAL USE, WHICH INCLUDES  
GEOTHERMAL HEATING/COOLING

MAXIMUM RATE: 5.57 CUBIC FEET PER SECOND

PERIOD OF USE: YEAR ROUND

DATE OF PRIORITY: FEBRUARY 1, 2010

WELL LOCATIONS:

WELL OIT 7 (KLAM 57310): NW  $\frac{1}{4}$  NE  $\frac{1}{4}$ , SECTION 20, T38S, R9E, W.M.; 245  
FEET NORTH AND 363 FEET WEST FROM SE CORNER, NW  $\frac{1}{4}$  NE  $\frac{1}{4}$ , SECTION 20

INJECTION WELL: NE  $\frac{1}{4}$  SW  $\frac{1}{4}$ , SECTION 17, T38S, R9E, W.M.; 13 FEET  
NORTH AND 587 FEET WEST FROM SE CORNER, NE  $\frac{1}{4}$  SW  $\frac{1}{4}$ , SECTION 17

THE PLACE OF USE IS LOCATED AS FOLLOWS:

NE  $\frac{1}{4}$  SW  $\frac{1}{4}$   
SE  $\frac{1}{4}$  SW  $\frac{1}{4}$   
NE  $\frac{1}{4}$  SE  $\frac{1}{4}$   
NW  $\frac{1}{4}$  SE  $\frac{1}{4}$   
SW  $\frac{1}{4}$  SE  $\frac{1}{4}$   
SE  $\frac{1}{4}$  SE  $\frac{1}{4}$   
SECTION 17

NE  $\frac{1}{4}$  NE  $\frac{1}{4}$   
NW  $\frac{1}{4}$  NE  $\frac{1}{4}$   
NE  $\frac{1}{4}$  NW  $\frac{1}{4}$   
SECTION 20

TOWNSHIP 38 SOUTH, RANGE 9 EAST, W.M.

Measurement, recording and reporting conditions:

- A. Before water use may begin under this permit, the permittee shall install a totalizing flow meter or other suitable measuring device as approved by the Director at each production well and injection well. The permittee shall maintain the meter or measuring device in good working order.
- B. The permittee shall keep a complete record of the amount of water used each month, and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water-use information, including the place and nature of use of water under the permit.
- C. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where any meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.
- D. The Director may provide an opportunity for the permittee to submit alternative measuring and reporting procedures for review and approval.

Use of water under this permit shall be non-consumptive; all water produced shall be injected into the injection well(s).

Prior to use of water under this permit, the permit holder must register the injection activity with the Oregon Department of Environmental Quality's Underground Injection Control (UIC) Program. At the time of permit issuance, the program coordinator is Barbara Priest, who can be contacted at 811 SW 6th Ave, Portland OR 97204, or 503-229-5945.

Prior to using water from any well listed on this permit, the permittee shall ensure that the well has been assigned an OWRD Well Identification Number (Well ID tag), which shall be permanently attached to the well. The Well ID shall be used as a reference in any correspondence regarding the well, including any reports of water use, water level, or pump test data.

Prior to receiving a certificate of water right, the permit holder shall submit documentation affirming that any applicable additional requirements of the Department's Division 230 rules have been met.

Use of water under authority of this permit may be regulated if analysis of data available after the permit is issued discloses that the appropriation will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway in quantities

necessary for recreation, fish and wildlife in effect as of the priority date of the right or as those quantities may be subsequently reduced.

#### **STANDARD CONDITIONS**

Failure to comply with any of the provisions of this permit may result in action including, but not limited to, restrictions on the use, civil penalties, or cancellation of the permit.

If the number, location, source, or construction of any well deviates from that proposed in the permit application or required by permit conditions, this permit may be subject to cancellation, unless the Department authorizes the change in writing.

If substantial interference with a senior water right occurs due to withdrawal of water from any well listed on this permit, then use of water from the well(s) shall be discontinued or reduced and/or the schedule of withdrawal shall be regulated until or unless the Department approves or implements an alternative administrative action to mitigate the interference. The Department encourages junior and senior appropriators to jointly develop plans to mitigate interferences.

The well(s) shall be constructed in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon. The works shall be equipped with a usable access port, and may also include an air line and pressure gauge adequate to determine water level elevation in the well at all times.

If the riparian area is disturbed in the process of developing a point of appropriation, the permittee shall be responsible for restoration and enhancement of such riparian area in accordance with ODFW's Fish and Wildlife Habitat Mitigation Policy OAR 635-415. For purposes of mitigation, the ODFW Fish and Wildlife Habitat Mitigation Goals and Standards, OAR 635-415, shall be followed.

The use may be restricted if the quality of downstream waters decreases to the point that those waters no longer meet existing state or federal water quality standards due to reduced flows.

Where two or more water users agree among themselves as to the manner of rotation in the use of water and such agreement is placed in writing and filed by such water users with the watermaster, and such rotation system does not infringe upon such prior rights of any water user not a party to such rotation plan, the watermaster shall distribute the water according to such agreement.

Prior to receiving a certificate of water right, the permit holder shall submit to the Water Resources Department the results of a pump test meeting the Department's standards for each point of appropriation

(well), unless an exemption has been obtained in writing under OAR 690-217. The Director may require water-level or pump-test data every ten years thereafter.

This permit is for the beneficial use of water without waste. The water user is advised that new regulations may require the use of best practical technologies or conservation practices to achieve this end.

By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

Completion of construction and application of the water shall be made within five years of the date of permit issuance. If beneficial use of permitted water has not been made before this date, the permittee may submit an application for extension of time, which may be approved based upon the merit of the application.

Within one year after making beneficial use of water, the permittee shall submit a claim of beneficial use, which includes a map and report, prepared by a Certified Water Rights Examiner.

Issued November 24, 2010



for Phillip C. Ward, Director  
Water Resources Department