



STATE OF OREGON

DOUGLAS COUNTY

PERMIT TO APPROPRIATE THE PUBLIC WATERS

This is to certify that I have examined APPLICATION R-60572 and do hereby grant the same SUBJECT TO EXISTING RIGHTS AND THE FOLLOWING LIMITATIONS AND CONDITIONS:

This permit is issued to Douglas County Water Resources Survey of Room 104, Justice Building, Roseburg, Oregon 97470, phone 440-4255, for the enlargement of the Ben Irving Reservoir constructed under Permit R-7256, for irrigation, domestic, and general park uses to be appropriated under Application 59900, Permit 46786, and other permits approving the use of storage for these purposes.

The dam will be LOCATED in the: NE 1/4 NW 1/4, SE 1/4 NW 1/4, NW 1/4 NE 1/4, SW 1/4 NE 1/4 of Section 20, Township 29 South, Range 7 West, WM, in the County of Douglas.

The maximum height will be 140.0 feet above the stream bed or ground surface at the centerline. The top width will be 20.0 feet, slope of upstream face 2.9H:1V, slope of downstream face 2.6H:1V average, and height of dam above water line when full 14.0 feet.

The area submerged by the reservoir, when full, will be 250.0 acres, and the maximum depth of water will be 123.0 feet.

The location and dimensions of the spillway are: Around dam on left abutment. The bottom width will be 50.0 feet. The top width will be 50.0 feet. The distance between the crest of the dam and the crest of the spillway will be 14.0 feet.

The location and dimension of the outlet or bypass, and control works are: 54-inch I.D. cast in place reinforced concrete conduit approximately 682 feet in length located on right abutment, "Y" transition intake consisting of two 36-inch conduits with slide gates. 36-inch outlet regulating valve and a 12-inch outlet regulating valve.

The structure is in the channel.

The dam will be earthfill construction.

The right hereunder shall be limited to the storage of 9,000 acre-feet, being 8,946 acre-feet for irrigation, 50 acre-feet for domestic use, and 4.0 acre-feet for general park uses.

The PRIORITY DATE of this permit is September 2, 1980.

Actual construction work shall begin on or before July 30, 1983 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1984.

WITNESS my hand this 30th day of July, 1982.

WATER RESOURCES DIRECTOR

T-9396A USE (DIVIS)

APPLICATION R-60572

PERMIT **R 8444**