

STATE OF OREGON

COUNTY OF MORROW

ORDER APPROVING A CHANGE IN PLACE OF USE

Pursuant to ORS 540.510 to 540.530, after notice was given and no objections were filed, and finding that no injury to existing water rights would result, this order approves, as conditioned or limited herein, TRANSFER 6980 submitted by

POTLATCH CORPORATION
P.O. BOX 38
BOARDMAN, OREGON 97818.

The right to be modified, as evidenced by a PORTION of Certificate 68384, was perfected under Permit 37150 with a date of priority of JULY 25, 1973. The right allows the use of the COLUMBIA RIVER, a tributary of PACIFIC OCEAN, for IRRIGATION OF 678.2 ACRES. This right is limited to 16.96 cubic foot per second, provided the total quantity diverted under the rights perfected under permit 37150 does not exceed 140.1 cfs, if available at the authorized point of diversion: LOT 7 (NE $\frac{1}{4}$ NW $\frac{1}{4}$), SECTION 2, T 4 N, R 25 E, WM; 150 FEET SOUTH AND 2990 FEET WEST FROM THE NE CORNER, SECTION 2, or its equivalent in case of rotation, measured at the point of diversion from the source.

The amount of water used for irrigation under this right is limited to a diversion of ONE-FORTIETH of one cubic foot per second (or its equivalent) and 4 $\frac{1}{2}$ acre-feet for each acre irrigated during the irrigation season of each year.

The use shall conform to any reasonable rotation system ordered by the proper state officer.

The authorized place of use is located as follows:

NE $\frac{1}{4}$ NW $\frac{1}{4}$	36.5 ACRES	NE $\frac{1}{4}$ NE $\frac{1}{4}$	32.0 ACRES
NW $\frac{1}{4}$ NW $\frac{1}{4}$	34.0 ACRES	NW $\frac{1}{4}$ NE $\frac{1}{4}$	33.2 ACRES
SW $\frac{1}{4}$ NW $\frac{1}{4}$	34.1 ACRES	SW $\frac{1}{4}$ NE $\frac{1}{4}$	37.6 ACRES
SE $\frac{1}{4}$ NW $\frac{1}{4}$	36.1 ACRES	SE $\frac{1}{4}$ NE $\frac{1}{4}$	33.6 ACRES
NE $\frac{1}{4}$ SW $\frac{1}{4}$	36.5 ACRES	NE $\frac{1}{4}$ NW $\frac{1}{4}$	23.8 ACRES
NW $\frac{1}{4}$ SW $\frac{1}{4}$	35.0 ACRES	NW $\frac{1}{4}$ NW $\frac{1}{4}$	38.8 ACRES
SW $\frac{1}{4}$ SW $\frac{1}{4}$	35.3 ACRES	SW $\frac{1}{4}$ NW $\frac{1}{4}$	39.6 ACRES
SE $\frac{1}{4}$ SW $\frac{1}{4}$	27.2 ACRES	SE $\frac{1}{4}$ NW $\frac{1}{4}$	30.6 ACRES
SECTION 8		NE $\frac{1}{4}$ SW $\frac{1}{4}$	38.4 ACRES
TOWNSHIP 3 NORTH, RANGE 26 EAST,		NW $\frac{1}{4}$ SW $\frac{1}{4}$	2.0 ACRES
W.M.		SW $\frac{1}{4}$ SW $\frac{1}{4}$	0.8 ACRE
		SE $\frac{1}{4}$ SW $\frac{1}{4}$	28.4 ACRES
		NE $\frac{1}{4}$ SE $\frac{1}{4}$	0.5 ACRE
		NW $\frac{1}{4}$ SE $\frac{1}{4}$	38.0 ACRES
		SW $\frac{1}{4}$ SE $\frac{1}{4}$	26.2 ACRES
		SECTION 18	
		TOWNSHIP 3 NORTH, RANGE 27 EAST,	
		W.M.	

The right to use the water for the above purpose is restricted to beneficial use on the lands or place of use described.

The applicant proposes to change the place of use to:

NE $\frac{1}{4}$ NW $\frac{1}{4}$	31.1 ACRES	NE $\frac{1}{4}$ NE $\frac{1}{4}$	31.5 ACRES
NW $\frac{1}{4}$ NW $\frac{1}{4}$	29.8 ACRES	NW $\frac{1}{4}$ NE $\frac{1}{4}$	31.4 ACRES
SW $\frac{1}{4}$ NW $\frac{1}{4}$	30.5 ACRES	SW $\frac{1}{4}$ NE $\frac{1}{4}$	31.6 ACRES
SE $\frac{1}{4}$ SW $\frac{1}{4}$	31.0 ACRES	SE $\frac{1}{4}$ NE $\frac{1}{4}$	27.6 ACRES
NE $\frac{1}{4}$ SW $\frac{1}{4}$	31.3 ACRES	NE $\frac{1}{4}$ NW $\frac{1}{4}$	31.0 ACRES
NW $\frac{1}{4}$ SW $\frac{1}{4}$	30.8 ACRES	NW $\frac{1}{4}$ NW $\frac{1}{4}$	37.7 ACRES
SW $\frac{1}{4}$ SW $\frac{1}{4}$	30.0 ACRES	SW $\frac{1}{4}$ NW $\frac{1}{4}$	38.1 ACRES
SE $\frac{1}{4}$ SW $\frac{1}{4}$	30.7 ACRES	SE $\frac{1}{4}$ NW $\frac{1}{4}$	31.2 ACRES

SECTION 8

TOWNSHIP 3 NORTH, RANGE 26 EAST,
W.M.

NE $\frac{1}{4}$ SW $\frac{1}{4}$	30.1 ACRES
NW $\frac{1}{4}$ SW $\frac{1}{4}$	35.3 ACRES
SW $\frac{1}{4}$ SW $\frac{1}{4}$	28.6 ACRES
SE $\frac{1}{4}$ SW $\frac{1}{4}$	20.1 ACRES
NE $\frac{1}{4}$ SE $\frac{1}{4}$	10.3 ACRES
NW $\frac{1}{4}$ SE $\frac{1}{4}$	32.0 ACRES
SW $\frac{1}{4}$ SE $\frac{1}{4}$	16.5 ACRES

SECTION 18

TOWNSHIP 3 NORTH, RANGE 27 EAST,
W.M.

The location of the place of use will be 8 feet wide strips, with 2 feet wide strips between the irrigated strips. The applicant proposes to irrigate, with a drip irrigation system, only the 8 feet wide strips.

THIS CHANGE TO AN EXISTING WATER RIGHT MAY BE MADE PROVIDED THE FOLLOWING CONDITIONS ARE MET BY THE WATER USER:

1. The proposed change shall be completed on or before October 1, 1999.
2. The water user shall install and maintain headgates, in-line flow meters, weirs, or other suitable devices for controlling, measuring and recording the quantity of water diverted. In-line flow meters shall be installed at each canal pump station and each 160-acre field control manifold. The type and plans of the headgates and measuring devices must be approved by the Department prior to beginning construction and shall be installed under the general supervision of the Department.
3. The water user shall operate and maintain the headgates and measuring devices, as needed. The Watermaster may operate the headgates and monitor accuracy of the measuring devices, as needed.
4. The water user shall install and maintain a soil moisture monitoring program. The monitoring shall include neutron probe data (or other monitoring data of similar or superior accuracy) at 1, 2, 3, 4, and 5 foot depths, at weekly intervals, beginning one week prior to the irrigation season and continuing one week past the end of the irrigation season. The location of the monitoring sites shall be approved by the Watermaster.

5. Beginning with the 1995 irrigation season, monitoring shall include three paired data sampling sites with access tubes between adjacent tree rows (each paired site shall consist of a pair of access tubes located on the outer edges of the non-irrigated strip between the tree rows); and two transects, consisting of six access tubes at two foot intervals across two adjacent tree rows per age class of trees. On alternating age classes one of the transects will consist of eleven access tubes at two foot intervals across three adjacent tree rows. Monitoring shall include two access tubes for each soil type located outside the planted area to be use as control.
6. Monitoring and flow data shall be available to the Watermaster promptly upon request. The Water user shall supply, to the Watermaster, an annual report of water use and monitoring data. Monitoring data shall be available in a reasonable summary format as approved by the watermaster.
7. If water use under the irrigation system delivers water to the non-irrigated areas between tree rows, the Watermaster may regulate the water use until soil moisture and flow data demonstrate that the non-irrigated areas are not receiving irrigation water.
8. The former place of use shall no longer be irrigated as a part of this water right.
9. In the year 2000 the monitoring data will be reviewed to determine if control of water use can be verified with reduced monitoring in the future. Beginning in the year 2000, if control of water use can be verified at a level that will allow regulation pursuant to the water right as conditioned herein, the monitoring of paired sites may be discontinued and the transects may be reduced to the two tubes in the tree rows. This data will be supplemented with other ongoing monitoring data from tubes in the tree rows as normally required by Potlatch for accurate irrigation scheduling, and as reasonably approved by the watermaster.

Certificate 68348 is cancelled. A new certificate will be issued to confirm that portion of the right NOT involved in this transfer. When satisfactory proof of the completed change is received, a new certificate confirming this water right will be issued.

WITNESS the signature of the Water Resources Director,
affixed 2/23/95.



Martha O. Pagel, Director