

Application No. 56774

Permit No. 43521

STATE OF OREGON WATER RESOURCES DEPARTMENT

9-18-78

Application for Permit to Appropriate Surface Water

RECEIVED
SEP 19 1978
WATER RESOURCES DEPT.
SALEM, OREGON

I, Deschutes Valley Water District
(Name of Applicant)

of Rte. 1 - Box 17
(Mailing Address)

Madras
(City)

State of Oregon
(Zip Code)

Phone No. 475-2194

do hereby

make application for a permit to appropriate the following described waters of the State of Oregon:

1. The source of the proposed appropriation is Crooked River
....., a tributary of Deschutes River.....

2. The point of diversion is to be located 389.30 ft. S and 564 ft. E
(N. or S.) (E. or W.)
from the SW corner of SW 1/4 of the NE 1/4 Section 33, T. 12S, R. 12E, W.M.
(Public Land Survey Corner)
.....more formally described as follows: from the SE corner of the SE 1/4 of the
(If there is more than one point of diversion, each must be described)
NE 1/4 of Sec. 33, T. 12S, R. 12E of W.M., West 2101.02 ft. on the line S, 89°
54' 30" W, then South 389.30' on the line N 3° 15' W to a pin at the diversion
point; And from the SE corner of the SE 1/4 of the NE 1/4 of Sec. 33, T 12S, R 12E of
the W.M. West 2115.59' on the line being within the N.W. 1/4 of the S.E. 1/4 of
S79° 19' 15" West to the same pin at the diversion point.
Sec. 33 Tp. 12S R. 12E, W.M., in the county of Jefferson
(N. or S.) (E. or W.)

3. Location of area to be irrigated, or place of use if other than irrigation.

Township	Range	Section	List 1/4 1/4 of Section	List use and/or number of acres to be irrigated
12S	12E	33	SW 1/4 NE 1/4	Power Water Turbine

4. The amount of water which the applicant intends to apply to beneficial use is 140.....

cubic feet per second.....

(If water is to be used from more than one source, give quantity from each)

5. The use to which the water is to be applied is Power water turbine to pump domestic.....

water to Deschutes Valley Water District Reservoir......

6. DESCRIPTION OF WORKS

Include dimensions and type of construction of diversion dam and headgate, length and dimensions of supply ditch or pipeline, size and type of pump and motor, type of irrigation system to adequately describe the proposed distribution system.

..... Diversion Dam, Headgate and canal are unchanged. New works include 410 H.P. Barber turbine from which through a belt-driven 9 stage 14 MC Fairbanks Morse vertical turbine pump domestic water will be pumped from permit NO. 36515 to Deschutes Valley Water District users. Crooked River water is diverted through a canal to the turbines and returned to the river.

If for domestic use state number of families to be supplied.....

7. Construction work will begin on or before.....

8. Construction work will be completed on or before.....

9. The water will be completely applied to the proposed use on or before.....

May 1, 1978
complete as per phone
verification Bob Macpedie
9-25-78

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Remarks: Deschutes Valley Water District has for many years diverted Crooked River to power turbines for pumping domestic water from Opal Springs for domestic use. This application for an additional 140 c.f.s. will allow us to add 1400 g.p.m. to our pumping capability. Domestic water use has increased greatly the past year. Deschutes Valley Water District customers have been growing steadily at a 5 - 6% annual rate. We need the added capacity for our system.



Signature of Applicant

Manager

This is to certify that I have examined the foregoing application, together with the accompanying maps and data, and return the same for

In order to retain its priority, this application must be returned to the Water Resources Director with corrections on or before , 19.

WITNESS my hand this day of , 19

Water Resources Director

By

This instrument was first received in the office of the Water Resources Director at Salem, Oregon, on the 20th day of OCTOBER, 19 77, at 11:00 o'clock A.M.

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Permit No. 43521

Permit to Appropriate the Public Waters of the State of Oregon

This is to certify that I have examined the foregoing application and do hereby grant the same SUBJECT TO EXISTING RIGHTS INCLUDING THE EXISTING FLOW POLICIES ESTABLISHED BY THE WATER POLICY REVIEW BOARD and the following limitations and conditions:

The right herein granted is limited to the amount of water which can be applied to beneficial use and shall not exceed 140.0 cubic feet per second measured at the point of diversion from the stream, or its equivalent in case of rotation with other water users, from Crooked River.

The use to which this water is to be applied is development of 493.2 t. h. p. to power a water driven turbine pump.

If for irrigation, this appropriation shall be limited to of one cubic foot per second or its equivalent for each acre irrigated.

and shall be subject to such reasonable rotation system as may be ordered by the proper state officer.

The priority date of this permit is October 20, 1977

Actual construction work shall begin on or before October 13, 1979 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1980

Complete application of the water to the proposed use shall be made on or before October 1, 1981

WITNESS my hand this 13th day of October, 1978

James E. Saxon
Water Resources Director