

Application No. 58144

Permit No. 44058

STATE OF OREGON WATER RESOURCES DEPARTMENT

Application for Permit to Appropriate Surface Water

RECEIVED

APR 20 1979

WATER RESOURCES DEPT. SALEM, OREGON

I, CITY OF MEDFORD, an Oregon municipal corporation
(Name of Applicant)

of Medford City Hall, Medford
(Mailing Address) (City)

State of Oregon, 97501 Phone No. do hereby
(Zip Code)

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

1. The source of the proposed appropriation is Pipe line and channel carrying waste water comprising the treated effluent from the Medford Water Quality Control Plant, the pipeline and channel being, a tributary of the Rogue River

2. The point of diversion is to be located 1750 ft. N. and 1650 ft. E.
(N. or S.) (E. or W.)
from the Southwest corner of Section 14, Township 36 South Range 2 West of the Willamette Meridian
(Public Land Survey Corner)
(If there is more than one point of diversion, each must be described)

being within the NW $\frac{1}{4}$ of the SE $\frac{1}{4}$ of
Sec. 14 Tp. 36 S R. 2 W, W. M., in the county of Jackson
(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 $\frac{1}{4}$ $\frac{1}{4}$ of Section	List use and/or number of acres to be irrigated
T 36 S	2W, WM	23	NW $\frac{1}{4}$ NW $\frac{1}{4}$	38
"	"	"	NE $\frac{1}{4}$ NW $\frac{1}{4}$	38
"	"	"	SW $\frac{1}{4}$ NW $\frac{1}{4}$	40
"	"	"	SE $\frac{1}{4}$ NW $\frac{1}{4}$	40
"	"	"	NW $\frac{1}{4}$ NE $\frac{1}{4}$	38
"	"	"	NE $\frac{1}{4}$ NE $\frac{1}{4}$	38
"	"	"	SW $\frac{1}{4}$ NE $\frac{1}{4}$	40
"	"	"	SE $\frac{1}{4}$ NE $\frac{1}{4}$	40
"	"	"	NW $\frac{1}{4}$ SW $\frac{1}{4}$	40
"	"	"	NE $\frac{1}{4}$ SW $\frac{1}{4}$	40

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

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.

At point of diversion, there will be a vertical lift pumping station, powered by an electric pump (with diesel backup) of capacity sufficient to pump peak flows. The water will be pumped into and conveyed by pipe line from that point, sized, and designed to be adequate for peak flows, thence into canals and ditches to serve the land to be irrigated, and into further pipe lines to deliver to other users to be applied to the uses above specified.

If for domestic use state number of families to be supplied

7. Construction work will begin on or before October 1, 1979, for irrigation

8. Construction work will be completed on or before October 1, 1980, for irrigation

9. The water will be completely applied to the proposed use on or before October 1, 1981 for irrigation

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SALEM, OREGON

Item 3 (continued)

Township	Range	Section	List $\frac{1}{4}$ $\frac{1}{4}$ of Section	List use and/or number of acres to be irrigated
T 36 S	2W, WM	23	NW $\frac{1}{4}$ SE $\frac{1}{4}$	40
"	"	"	NE $\frac{1}{4}$ NE $\frac{1}{4}$	40
"	"	14	NW $\frac{1}{4}$ SW $\frac{1}{4}$	20
"	"	"	SW $\frac{1}{4}$ SW $\frac{1}{4}$	40
"	"	"	SE $\frac{1}{4}$ SE $\frac{1}{4}$	40
"	"	"	SW $\frac{1}{4}$ SE $\frac{1}{4}$	40
"	"	"	NW $\frac{1}{4}$ SE $\frac{1}{4}$	15
"	"	"	NE $\frac{1}{4}$ SE $\frac{1}{4}$	15
"	"	13	NW $\frac{1}{4}$ SW $\frac{1}{4}$	25
"	"	"	SW $\frac{1}{4}$ SW $\frac{1}{4}$	35
"	"	"	SW $\frac{1}{4}$ SE $\frac{1}{4}$	38
"	"	"	SE $\frac{1}{4}$ SE $\frac{1}{4}$	38
"	"	"	NE $\frac{1}{4}$ NE $\frac{1}{4}$	30
"	"	"	SW $\frac{1}{4}$ NE $\frac{1}{4}$	35
"	"	"	SE $\frac{1}{4}$ NE $\frac{1}{4}$	40
"	"	24	NW $\frac{1}{4}$ NW $\frac{1}{4}$	40
"	"	"	NE $\frac{1}{4}$ NW $\frac{1}{4}$	22
"	"	"	SW $\frac{1}{4}$ NW $\frac{1}{4}$	40
"	"	"	SE $\frac{1}{4}$ NW $\frac{1}{4}$	35
T 36 S	1W, WM	18	NW $\frac{1}{4}$ NW $\frac{1}{4}$	40
"	"	"	NE $\frac{1}{4}$ NW $\frac{1}{4}$	40
"	"	"	SW $\frac{1}{4}$ NW $\frac{1}{4}$	40
"	"	"	SE $\frac{1}{4}$ NW $\frac{1}{4}$	40
"	"	"	SW $\frac{1}{4}$ NE $\frac{1}{4}$	20

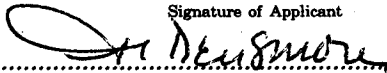
1200 acres ✓

Remarks:.....

The effluent flow in summer is 15 cfs. The primary beneficial use will be the irrigation of 1200 adjoining acres, of which the applicant owns 835 acres, presently fallow. Experiments show this land becomes highly productive with the use of the effluent. The effluent is secondarily treated and is not a germ pollutant but its temperature and oxygen demand are not consistent with the quality of the Rogue as a fishery. In summer 1978, the Middle Rogue averaged 2300 cfs, of which an average of 500 cfs was released from Lost Creek Reservoir, and at low point it was 2020 cfs of which 1007 was from the reservoir. The "natural flow" then averaged 1800 cfs with a low of 1013 cfs. Medford by this application does not abandon or waive its right to treat and re-use water appropriated or released from storage under its existing municipal permits, and seeks a permit hereunder not subject to the limitations imposed by the Rogue River minimum flow regulation.

CITY OF MEDFORD

Signature of Applicant

BY: 
Mayor

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 day of, 19....., at o'clockM.

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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 15.0 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 waste effluent from Medford Water Quality Control Plant.

The use to which this water is to be applied is irrigation.

If for irrigation, this appropriation shall be limited to 1/80th of one cubic foot per second or its equivalent for each acre irrigated and shall be further limited to a diversion of not to exceed 4 1/2 acre feet per acre for each acre irrigated during the irrigation season of each year.

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 April 20, 1979

Actual construction work shall begin on or before May 11, 1980 and shall

thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1981. Extended to Oct. 1, 1986 Extended to October 1, 1991

Complete application of the water to the proposed use shall be made on or before October 1, 1982. Extended to Oct. 1, 1986 Extended to October 1, 1991

WITNESS my hand this 11th day of May, 1979

James E. Sever Resources Director