

Permit No. G-5696

APPLICATION FOR A PERMIT

To Appropriate the Ground Waters of the State of Oregon

I, United States of America, Deschutes National Forest
(Name of applicant)
of 211 NE Revere Street Bend, county of Deschutes
(Postoffice Address) 97701
state of Oregon, do hereby make application for a permit to appropriate the
following described ground waters of the state of Oregon, SUBJECT TO EXISTING RIGHTS:

If the applicant is a corporation, give date and place of incorporation

1. Give name of nearest stream to which the well, tunnel or other source of water development is
situated Deschutes River
(Name of stream)
tributary of

2. The amount of water which the applicant intends to apply to beneficial use is cubic
feet per second or 800 gallons per minute. for irrigation and/or frost protection.

3. The use to which the water is to be applied is domestic - 200 g.p.m. peak;
irrigation - 800 g.p.m. peak; ; frost-protection-800 g/p/m/ peak; not simultaneously

4. The well or other source is located ft. and ft. from the
(N. or S.) (E. or W.)
corner of
(Section or subdivision)

(If preferable, give distance and bearing to section corner)
1285' N 18° 20' E from 1/4 cor. sec. 22/23, T. 17S., R. 12E., W.M.
(If there is more than one well, each must be described. Use separate sheet if necessary)
being within the SW 1/4 NW 1/4 of Sec. 23, Twp. 17S, R. 12E
W. M., in the county of Deschutes

5. The (Canal or pipe line) to be miles
in length, terminating in the (Smallest legal subdivision) of Sec. Twp.
R., W. M., the proposed location being shown throughout on the accompanying map.

6. The name of the well or other works is Bend Nursery Well

DESCRIPTION OF WORKS

7. If the flow to be utilized is artesian, the works to be used for the control and conservation of the
supply when not in use must be described.

8. The development will consist of one well having a
(Give number of wells, tunnels, etc.)
diameter of 14 inches and an estimated depth of 700 feet. It is estimated that 700
feet of the well will require steel casing. Depth to water table is estimated 550
(Kind) (Feet)

SW 1/4 NW 1/4, Sec. 23: one @S bedroom dwelling, one office bldg, one warehouse, one seed
storage bldg, two cold storage building, one Soils laboratory, one packing shed,
trailer house.

CANAL SYSTEM OR PIPE LINE—

9. (a) Give dimensions at each point of canal where materially changed in size, stating miles from headgate. At headgate: width on top (at water line) ..... feet; width on bottom ..... feet; depth of water ..... feet; grade ..... feet fall per one thousand feet.

(b) At ..... miles from headgate: width on top (at water line) ..... feet; width on bottom ..... feet; depth of water ..... feet; grade ..... feet fall per one thousand feet.

(c) Length of pipe, ..... ft.; size at intake, ..... in.; in size at ..... ft. from intake ..... in.; size at place of use ..... in.; difference in elevation between intake and place of use, ..... ft. Is grade uniform? ..... Estimated capacity, ..... sec. ft.

10. If pumps are to be used, give size and type ..... 125 Horsepower Submersible Turbine  
Pump

Give horsepower and type of motor or engine to be used ..... 125 H.P., 460 Volts, 3-Phase

11. If the location of the well, tunnel, or other development work is less than one-fourth mile from a natural stream or stream channel, give the distance to the nearest point on each of such channels and the difference in elevation between the stream bed and the ground surface at the source of development

and frost protected  
12. Location of area to be irrigated or place of use ..... Bend Nursery

Township N. or S.	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated and frost protected
17	12	22	NE $\frac{1}{4}$ NE $\frac{1}{4}$	<del>37.6</del> 35.0
			NW $\frac{1}{4}$ NE $\frac{1}{4}$	<del>27.5</del> 19.5
			SW $\frac{1}{4}$ NE $\frac{1}{4}$	<del>15.7</del> 9.2
			SE $\frac{1}{4}$ NE $\frac{1}{4}$	<del>31.4</del> 33.0
		23	NW $\frac{1}{4}$ NW $\frac{1}{4}$	<del>30.0</del> 29.0
			SW $\frac{1}{4}$ NW $\frac{1}{4}$	<del>14.7</del> 14.7

(If more space required, attach separate sheet)

Character of soil ..... Unified Soil Classification - SM; Non-plastic, gravelly, silty sand

Kind of crops raised ..... Ponderosa Pine Seedlings

MUNICIPAL SUPPLY—

G 55 G

13. To supply the city of .....  
in ..... county, having a present population of .....  
and an estimated population of ..... in 19.....

ANSWER QUESTIONS 14, 15, 16, 17 AND 18 IN ALL CASES

- 14. Estimated cost of proposed works, \$ 92,000
- 15. Construction work will begin on or before 15 April 1975
- 16. Construction work will be completed on or before 15 August 1975
- 17. The water will be completely applied to the proposed use on or before 1 September 1980

18. If the ground water supply is supplemental to an existing water supply, identify any application for permit, permit, certificate or adjudicated right to appropriate water, made or held by the applicant. 153 shares of the capital stock of the Deschutes Reclamation and Irrigation Company.

*[Handwritten Signature]*  
(Signature of applicant)

Remarks: Well water will be used throughout the year for potable water, up to 20,000 gallons per day, and for irrigation water during those periods that the ditch water is either not available or is insufficient to satisfy irrigation or frost-protection demands.

Irrigation water will be applied to approximately 60 acres by August, 1976, and to the remaining acreage as demand increases for additional cultivation by September, 1980.

STATE OF OREGON, }  
County of Marion, } ss.

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

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before May 20, 1975  
July 14, 1975

WITNESS my hand this 19th day of March, 1975  
14th day of May, 1975

CHRIS L. WHEELER

STATE ENGINEER

By *[Handwritten Signature]*  
Wayne J. Overcash

ASSISTANT

RECEIVED  
MAY 19 1975  
STATE ENGINEER  
SALMON, OREGON

MAR 23 1975

STATE OF OREGON, }  
County of Marion, } ss.

PERMIT

This is to certify that I have examined the foregoing application and do hereby grant the same, SUBJECT TO EXISTING RIGHTS 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 1.78 cubic feet per second measured at the point of diversion from the well or source of appropriation, or its equivalent in case of rotation with other water users, from a well

The use to which this water is to be applied is irrigation and frost protection being 1.78 c.f.s. for each use.

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 3 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 well shall be cased as necessary in accordance with good practice and if the flow is artesian the works shall include proper capping and control valve to prevent the waste of ground water.

The works constructed shall include an air line and pressure gauge or an access port for measuring line, adequate to determine water level elevation in the well at all times.

The permittee shall install and maintain a weir, meter, or other suitable measuring device, and shall keep a complete record of the amount of ground water withdrawn.

The priority date of this permit is February 24, 1975

Actual construction work shall begin on or before July 16, 1976 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1976

Complete application of the water to the proposed use shall be made on or before October 1, 1977

WITNESS my hand this 16th day of July, 1975

James E. Sexson  
Water Resources Director

Application No. G- 6826  
Permit No. G- 5696

PERMIT  
TO APPROPRIATE THE GROUND  
WATERS OF THE STATE  
OF OREGON

This instrument was first received in the office of the State Engineer at Salem, Oregon, on the 24th day of February, 1975, at 8:00 o'clock A. M.

Returned to applicant:

Approved: July 16, 1975

Recorded in book No. of G 5696  
Ground Water Permits on page

James E. Sexson  
STATE ENGINEER

Drainage Basin No. 5 page 78

State Printing