

\* Reservoir Permit No. 2311

# Application for a Permit to Construct a Reservoir and to Store for Beneficial Use the Unappropriated Waters of the State of Oregon

I, THE CITY OF ASTORIA (Name of Applicant)

of City Hall, 1095 Duane Street, Astoria, Oregon (Mailing Address)

State of OREGON, do hereby make application for a permit to construct the following described reservoir and to store the unappropriated waters of the State of Oregon, subject to existing rights.

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

1. The name of the proposed reservoir is Youngs River Reservoir

2. The name of the stream from which the reservoir is to be filled and the appropriation made is  
Youngs River

tributary of The Columbia River

3. The amount of water to be stored is 12,000 acre feet.

4. The use to be made of the impounded water is Municipal purposes  
(Irrigation, power, domestic supply, etc.)

Refer to Page 2

5. The location of the proposed reservoir will be in Sec. 7, 16, 17, & 18, T. 6 N., R. 8 W., Sec. 12  
(Give sections or townships to be submerged)

Tp. 6 N., R. 9 W., W. M., in the county of Clatsop

(a) State whether situated in channel of running stream and give character of material at outlet

In channel of Youngs River. Material at outlet clay over rock - Rock in stream bed.

(b) If not in channel of running stream, state how it is to be filled. If through a feed canal, give name and dimensions

6. The dam will be located in Lots 3 and 4, Sec. 7 T. 6 N., R. 3, W. W. M., & S. E. 1/4 of N. E. 1/4 Sec. 12,  
(Smallest legal subdivision) Sec. 16 N. R. 9 W. W. M.

Tp. \_\_\_\_\_, R. \_\_\_\_\_, W. M. The maximum height will be 81 feet above stream bed or ground

surface on center line of dam. The length on top will be 575 feet; length on

bottom 45 feet; width on top 20 feet; slope of front

or water side 3:1; slope on back 2:1; height of dam above water line  
(Feet horizontal to 1 vertical) (Feet horizontal to 1 vertical)

when full 7.5 feet.

\* A different form of application should be used for the appropriation of stored water to beneficial use. Such forms can be secured without charge, together with instructions, by addressing the State Engineer, Salem, Oregon.

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: Rock fill on lower slope, impervious clay in upper stream half,  
water face covered with three feet rock surface.

8. The location of wasteway with dimensions are as follows: Wasteway around dam of  
(State whether over or around the dam)  
concrete 80 feet wide with six foot high sidewalls, Crest of wasteway  
10 feet below dam crest - 2.5' removable sections on spillway crest.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: Outlet pipes through dam.  
(State whether through or around the proposed dam)

10. The area submerged by the proposed reservoir, when full, will be 440 acres,  
with a maximum depth of water of 68.5 feet; and approximate mean depth of water  
45 feet.

11. The estimated cost of the proposed work is \$ 550,000.00

12. Construction work will begin on or before January, 1962

13. Construction work will be completed on or before January, 1964

THE CITY OF ASTORIA, OREGON  
(Name of applicant)

By: William H. Cunningham  
City Manager

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 or completion as follows: completion

In order to retain its priority, this application must be returned to the State Engineer, with corrections, on or before January 16, 19 61

WITNESS my hand this 14<sup>th</sup> day of October, 19 60

LEWIS A. STANLEY

STATE ENGINEER

By  
James W. Carver, Jr., Assistant  
eh

Remarks: Additional borings of dam foundation, tests of soils and more topography around borders of flooded areas to be secured.

(Refer Page 1.) The location of the proposed reservoir will be in ~~Sec. 7~~ w $\frac{1}{2}$  Sec. 7 (Par. #5)

SE  $\frac{1}{4}$  NW  $\frac{1}{4}$  Sec. 16: S  $\frac{1}{2}$  NE  $\frac{1}{4}$ , S  $\frac{1}{2}$  NW  $\frac{1}{4}$ ; N  $\frac{1}{2}$  NE  $\frac{1}{4}$  SW  $\frac{1}{4}$  Sec. 17;

N  $\frac{1}{2}$  NW  $\frac{1}{4}$ ; SE  $\frac{1}{4}$  NW  $\frac{1}{4}$ ; S  $\frac{1}{2}$  NE  $\frac{1}{4}$  Sec. 18.

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

This is to certify that I have examined the foregoing application and do hereby grant the same, subject to the following limitations and conditions: The right herein granted is limited to the construction of Young's River Reservoir and storage of water from Young's River to be appropriated under application No. 25856, permit No. 27092 for municipal use, and plans and specifications shall be submitted to and approved by the State Engineer before beginning of construction work.

The right hereunder shall be limited to the storage of 12,000.0 acre feet.

The priority date of this permit is January 17, 1961

Actual construction work shall begin on or before February 15, 1965

and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1965

WITNESS my hand this 15<sup>th</sup> day of February, 1961

Lewis A. Stanley  
STATE ENGINEER

ABC  
Extended to October 1, 1989  
A+B extended to 10-1-95

⑤

Application No. *R-25855*  
Reservoir Permit No. *R-2568*

**PERMIT**

To construct a reservoir and store for beneficial use the unappropriated waters of the State of Oregon.

This instrument was first received in the office of the State Engineer at Salem, Oregon, on the *5th* day of *October*, 19*57*, at *8:00* o'clock *A.* M.

Approved:

*February 15, 1961*  
Recorded in Book No. *9* of  
Reservoirs, on Page .....

**LEWIS A. STANLEY**  
STATE ENGINEER

Drainage Basin No. *1* page *23*

Fees Paid .....

State Printing Dept. 47156