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STATE ENGINEER Reservoir Permit No. **R 4842**
SALEM OREGON

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

I, CITY OF ASTORIA
CITY HALL (Name of Applicant)

of 1095 DUANE ST.; ASTORIA, OREGON 97103
(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

1. The name of the ~~proposed~~ reservoir is BEAR CREEK

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

tributary of the COLUMBIA RIVER

3. The amount of water ~~to be~~ stored is 675 acre feet.

4. The use ~~to be made~~ of the impounded water is municipal, domestic, and industrial
(Irrigation, power, domestic supply, etc.)

5. The location of the proposed reservoir will be in Sec. 2 and 11
(Give sections or townships to be submerged)

Tp. 7 N, R. 8 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 Bear Creek

(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~~ ^{is} located in Southeast one quarter, Sec. 2
(Smallest legal subdivision)

Tp. 7 N, R. 8 W, W.M. The maximum height ~~will be~~ ^{is} 90 feet above stream bed or ground

surface on center line of dam. The length on top ~~will be~~ ^{is} 300 feet; length on

bottom 50 to 80 feet; width on top 8.5 feet; slope on front

or water side 1 in 17.0; slope on back 5.41 in 10.0; height of dam above water line
(Feet horizontal to 1 vertical) (Feet horizontal to 1 vertical)

when full 1.0 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 97310.

7. The construction of dam, the material of which it is ~~to be~~ built, and method of protection from waves are as follows: reinforced concrete

8. The location of wasteway with dimensions are as follows: concrete spillway over
(State whether over or around the dam)
approximate center of dam 21.0' wide ; 5' below top of dam.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: 75' below top of dam - under spillway - 48"
(All dams across natural stream channels must be provided with an outlet conduit, of such capacity and location to pass the normal flow of the stream at any time)

10. The area submerged by the proposed reservoir, when full, will be 30.2 acres, with a maximum depth of water of 71.0 feet; and approximate mean depth of water 22 feet.

11. The ~~estimated~~ cost of the ~~proposed~~ work is \$ 83,000

✓ 12. Construction work ~~will begin~~ began on or before 1911

13. Construction work ~~will be~~ completed on or before 1913

City of Astoria
(Signature of applicant)
Dale G. Curry 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

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

WITNESS my hand this day of, 19.....

STATE ENGINEER

By ASSISTANT

Remarks: The existing Bear Creek dam was constructed during 1911-1913.
In 1953, the dam was raised 16 feet in height to a total
height of 90 feet.

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 Bear Creek Reservoir and storage of water from Bear Creek to be appropriated under application No. 42656, permit No. 31880 for municipal use and the dam shall be constructed under the supervision of a registered professional engineer.

The right hereunder shall be limited to the storage of 675.0 acre feet.

The priority date of this permit is August 17, 1966

Actual construction work shall begin on or before April 20, 1968 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1969.

WITNESS my hand this 20th day of April, 1967.

[Handwritten Signature]

STATE ENGINEER

[Handwritten initials]
Comp

Application No. R-42655
Reservoir Permit No. R 4812

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 17th day of August, 1966, at 8:00 o'clock A.M.

Returned to applicant:

Approved: April 20, 1967

Recorded in Book No. _____ of Reservoirs, on Page R 4812

CHRIS L. WHEELER
State Engineer

Drainage Basin No. 1 page 67
Fees \$20.25