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STATE ENGINEER
SALEM, OREGON

* Reservoir Permit No. **R 5773**

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 Hillsboro, a Municipal Corporation
(Name of Applicant)

of 205 S. E. 2nd Avenue, Hillsboro,
(Mailing address) (City)

State of Oregon, 97123, do hereby make application for a permit to ~~construct the~~
(Zip Code)
~~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 October 19, 1876

1. The name of the proposed reservoir is J.W. BARNEY RESERVOIR

2. The name of the stream from which the reservoir is to be filled and the appropriation made is
Middle Fork of North Fork of Trask River, Tributary of Trask River
tributary of Trask River

3. The amount of water to be stored is Up to 2000 acre feet acre feet.

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

5. The location of the proposed reservoir will be in Sec. 26, 35 and 36
(Give sections or townships to be submerged)

Tp. 1S, R. 6W, W.M., in the county of Washington and Sec. 1 and 2, T2S, R6W, W.M.
in the county of Yamhill

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

Yes, clay and gravel (overlying basalt bedrock)

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

6. The dam will be located in SE 1/4 of SW 1/4 of Section 26 and in NW 1/4 of NW 1/4 and in NE 1/4 of NW 1/4 Section 35
(Smallest legal subdivision)

Tp. 1S, R. 6W, W.M. The maximum height will be 115.5 feet above stream bed or ground surface on center line of dam. The length on top will be 2135 feet; length on bottom 120 feet; width on top 35 (max.) feet; slope on front or water side 3:1; slope on back 2.5:1; height of dam above water line when full 11.5 feet.
(Feet horizontal to 1 vertical) (Feet horizontal to 1 vertical)

* 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.

B 2443

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows:Rolled earth fill, clay and rock.....

.....Rock rip rap on face for wave protection.....

8. The location of wasteway with dimensions are as follows:

(State whether over or around the dam)

.....Fourteen (14) foot diameter concrete tube with shaft spillway.....

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows:Through base of dam, 48" steel, embedded in concrete.....

(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 be4.77..... acres, with a maximum depth of water of105.5..... feet; and approximate mean depth of water57.0..... feet.

11. The estimated cost of the proposed work is \$Does Not Apply.....

12. Construction work will begin on or beforeDoes Not Apply.....

13. Construction work will be completed on or beforeDoes Not Apply.....

(Signature of applicant)

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: Water to be stored in existing J.W. Barney Reservoir and subject to prior need for municipal purposes. To be utilized as available beginning with the year 1972 for pollution abatement in the Tualatin River

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

This is to certify that I have examined the foregoing application and do hereby grant the same, storage subject to the following limitations and conditions: The right herein granted is limited to the construction of waters of Middle Fork of North Fork of Trask River in J. W. Barney Reservoir constructed under permit No. R-4890 for pollution abatement in the Tualatin River

The right hereunder shall be limited to the storage of 2,000.0 acre feet.

The priority date of this permit is December 23, 1971

Actual construction work shall begin on or before March 30, 1973 and

shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1973.

WITNESS my hand this 30th day of March, 1972.

BC Extended to 10-1-96

[Signature]

STATE ENGINEER

COMP

Application No. R-48907

Reservoir Permit No. R 5773

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 23 day of December, 1972, at 8:50 o'clock M.

Returned to applicant:

Approved:

March 30, 1972

Recorded in Book No. of

Reservoirs, on Page R 5773

CHRIS L. WHEELER
State Engineer

Drainage Basin No. 1 page 20-A

Fees 24.00