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OCT 22 1969

STATE ENGINEER
SALEM, OREGON

* Reservoir Permit No. **R 5527**

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 CARLTON
(Name of Applicant)

of CITY PARK, CARLTON, OREGON 97111
(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

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

PANTHER CREEK
tributary of NORTH YAMHILL RIVER

3. The amount of water to be stored is 16.12 FT. acre feet.

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

5. The location of the proposed reservoir will be in Sec. 15
(Give sections or townships to be submerged)

Tp. 33, R. 2W, W.M., in the county of YAMHILL

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

SITUATED IN CHANNEL OF RUNNING STREAM;
CHANNELS HAVE SOLID ROCK AT OUTLET

(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 S. 14 T. 14 N., Sec. 15
(Smallest legal subdivision)

Tp. 33, R. 2W, W.M. The maximum height will be 47 feet above stream bed or ground surface on center line of dam. The length on top will be 100 feet; length on bottom 76 feet; width on top 20 feet; slope on front or water side 3:1; slope on back 2:1; height of dam above water line when full 4 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.

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: DAM WILL CONSIST OF AN IMPERVIOUS CORE AND KEYWAY WITH SEMIPERVIOUS OUTER ZONE'S, A GRAVEL FILTER AND TOP BLANKET, AND ROCK RIPRAP ON THE WET FACE.

8. The location of wasteway with dimensions are as follows: WASTEWAY TO BE SOUTH (State whether over or around the dam) IN ~~THE~~ DAM FOOTING AND CONTROL SECTION WILL BE OF REINFORCED CONCRETE WITH AN APPROX 2' LONG ENGAGED SPAN OF SPILLWAY IN ROCK CUT WORK. ~~SPILLWAY~~ WILL BE PROVIDED TO 4' DIAMETER LEADING TO POND FOR AT CULVERT

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: ~~124~~ DRAIN LINE WILL BE PROVIDED UNDER THE DAM NORTH OF THE CREEK CHANNEL TO MEET STATE normal flow of the stream at any time REGULATIONS.

10. The area submerged by the proposed reservoir, when full, will be ~~44~~ 44 acres, with a maximum depth of water of ~~35~~ 35 feet; and approximate mean depth of water ~~15~~ 15 feet.

11. The estimated cost of the proposed work is \$ 100,000 COMPLETE

12. Construction work will begin on or before MARCH 1, 1970

13. Construction work will be completed on or before NOVEMBER 1, 1970

x William H. Macdonald Mayor
(Signature of applicant)
FOR: CITY OF CHELTON

STATE OF OREGON,

ss.

County of Marion,

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: DETAILS OF THE DESIGN OF THIS FACILITY
WILL BE PRESENTED IN THE PROJECT PLANS AND
SPECIFICATIONS, TO BE PREPARED BY WESTERN
ENGINEERING, INC. AND SUBMITTED TO THE STATE
ENGINEER.

APPLICATION REVISED TO MEET FINAL DESIGN 5/12/70
BY WESTERN ENGINEERING - J. L. QUINN

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 a reservoir and storage of water from Panther Creek to be appropriated under application No. 46505, permit No. 34661, for municipal use.

The right hereunder shall be limited to the storage of 66.0 acre feet.

The priority date of this permit is October 22, 1969

Actual construction work shall begin on or before June 9, 1971 and

shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1972...

WITNESS my hand this 9th day of June, 1970...

Chris J. Shields

STATE ENGINEER

Application No. *B-46504*

Reservoir Permit No. *R 5527*

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 *22nd* day of *October*, 19*69*, at *8:00* o'clock *P*. M.

It was returned to applicant:

on

June 9, 1970

Recorded in Book No. _____ of _____
servoits, on Page *R 5527*

by *CHRIS L. WHEELER*, State Engineer

Drainage Basin No. *2* page *9028*

Fees *20.00*