

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 Sisters
(Name of Applicant)

of Sisters
(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 Sisters Reservoir

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

tributary of Squaw Creek

3. The amount of water to be stored is 682 6 3 hr. 10-20-67 acre feet.

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

5. The location of the proposed reservoir will be in Sec. 19
(Give sections or townships to be submerged)

Tp. 155, R. 10 E, W.M., in the county of Deschutes

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

Dam is in running but regulated channel
Outlet will be on rocks, or solid rock

(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 NE 4 NE 4, Sec. 19,
(Smallest legal subdivision)

Tp. 155, R. 10 E, W.M. The maximum height will be 14 13 feet above stream bed or ground surface on center line of dam. The length on top will be 523 500 feet; length on bottom 65 feet; width on top 25 feet; slope on front or water side 3:1; slope on back 2:1; height of dam above water line when full 2 2 1/2 feet. hr. 10-20-67
(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.

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: Silty, sand with some gravel
narrow section of Rip Rap for slope
protection

8. The location of wasteway with dimensions are as follows: overflow spillway
(State whether over or around the dam)
12 ft wide with transition into pipe,
with emergency overflow of 12' width

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: Outlet is 12" pipe into city &
(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)
and 12" Cleanout Pipe

10. The area submerged by the proposed reservoir, when full, will be 1/2 acres,
with a maximum depth of water of 10² feet; and approximate mean depth of water
5² feet. 1tr. 10-20-67

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

12. Construction work will begin on or before Nov. 1, 1967

13. Construction work will be completed on or before Dec. 1, 1968

L. C. Jatum (Mayor)
(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: The project is to raise the existing dam to provide more storage, and to renew the pipe into town to 12" diam. The present dam is in good condition so the new structure will added and bonded to the old.

The diversion from Pole Creek limits the flow into the reservoir

The spillway capacity is more than adequate, considering that the present reservoir has been operated for more than 20 years with a 30" wide overflow and 30" or less dip with 10" of free board. No serious damage would be done downstream if the dam failed

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 Sisters! Reservoir and storage of water from Pole Creek to be appropriated under application No. 44263, permit No. 32854 municipal and the dam shall be constructed under the supervision of a registered professional engineer.

The right hereunder shall be limited to the storage of 6.3 acre feet.

The priority date of this permit is August 10, 1967

Actual construction work shall begin on or before March 18, 1969 and

shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1969...

WITNESS my hand this 18th day of March, 1968...

John L. Wheeler
STATE ENGINEER

Application No. R 4391.9

Reservoir Permit No. R 5054

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 20th day of August, 1967, at 8:00 o'clock A. M.

Returned to applicant:

Approved:

March 18, 1968

Recorded in Book No. _____ of

Reservoirs, on Page R 5054

CHRIS L. WHEELER

State Engineer

Drainage Basin No. 5 page 28
Fees \$0.00