

July 27 1966
STATE ENGINEER
OREGON

* Reservoir Permit No. **R 4736**

CERTIFICATE NO. **39002**

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

I, Leo G. Graham (Name of Applicant)

of Route 1, Box 193M, Forest Grove (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 Graham

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

Dilley Creek
tributary of Malatin River

3. The amount of water to be stored is 180 acre feet.

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

5. The location of the proposed reservoir will be in Sec. 11 Tr 9-7-66
(Give sections or townships to be submerged)

Tp. 1S, R. 4W, W.M., in the county of Washington

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

Reservoir is in channel of a running stream. Material at the outlet is heavy silt clay.

(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 SE 1/4 of SE 1/4 Section 11, Sec. 11,
(Smallest legal subdivision)

Tp. 1S, R. 4W, W.M. The maximum height will be 32 feet above stream bed or ground Tr

surface on center line of dam. The length on top will be 550* feet; length on 9-7-66

bottom 153 feet; width on top 16' feet; slope on front

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

when full 4' 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.
*Will depend on dimensions of concrete spillway to be constructed, plans for which are now being prepared for your approval.

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: The addition to the dam will be constructed of compacted earth, according to approved practice. Protection from wave action will be by a sod bank and/or riprap.

8. The location of wasteway with dimensions are as follows: Location, around West end of dam. The existing wasteway will be replaced by a concrete one, adequate for the purpose as shown on detailed plans to be submitted.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: The existing outlet conduit, a 12" diameter reinforced concrete encased conduit with inlet and outlet structures, will be extended as necessary through the addition to the existing dam.

10. The area submerged by the proposed reservoir, when full, will be 15 1/4 acres, with a maximum depth of water of 29 feet; and approximate mean depth of water 11.8 feet.

11. The estimated cost of the proposed work is \$21,500 (includes cost of existing dam)

12. Construction work will begin on or before July 1, 1966

13. Construction work will be completed on or before October 1, 1966

Handwritten signature of applicant

(Signature of applicant)

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:

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 Graham Reservoir and storage of water from Dilley Creek to be appropriated under application No. 42399, permit No. 31262 for irrigation and the dam shall be constructed under the supervision of a registered professional engineer

The right hereunder shall be limited to the storage of 180 acre feet.

The priority date of this permit is June 27, 1966

Actual construction work shall begin on or before September 26, 1967 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1968.

WITNESS my hand this 26th day of September, 1966

[Signature]
STATE ENGINEER [Signature]

Application No. *R-12398*
Reservoir Permit No. *R 4700*

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 *27th* day of *June*, 19*66*, at *8:00* o'clock *A*.M.

Returned to applicant:

Approved: *September 26, 1966*

Recorded in Book No. *R 4700* of Reservoirs, on Page *R 4700*

CHRIS L. WHEELER
State Engineer

Drainage Basin No. *2* page *62B1*

Fees *5.00*