

Reservoir Permit No. R-1761

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

I, United States of America, acting through the Bureau of Reclamation  
(Name of Applicant)

of Box 937, Boise, Idaho  
(Mailing Address)

State of \_\_\_\_\_, 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 Owyhee Reservoir, initially known as the "Hole-in-the-Ground" Reservoir.

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

3. The amount of water to be stored is 1,120,000 acre feet.\*

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

5. The location of the proposed reservoir will be in Sec. See map filed with permit R-599.  
(Give section, township and range to be subdivided)

Tp. \_\_\_\_\_, R. \_\_\_\_\_, W. M., in the county of Malheur

(a) State whether situated in channel of running stream and give character of material at outlet  
Located in channel of Owyhee River; character of material at outlet is rock canyon.

(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 NW 1/4 SE 1/4 Sec. 20  
(Smallest legal subdivision)

Tp. 22 S., R. 45 E., W. M. The maximum height will be 417 feet above stream bed or ground  
Structural  
crest

surface on center line of dam. The length ~~not top~~ will be 833 feet; ~~top width~~  
base width 265 feet; width on top 30 feet; slope of front

or water side vertical top 75 1/2; slope on back 0.626 to 1; height of dam above water line  
(Feet horizontal to 1 vertical) (Feet horizontal to 1 vertical)

when full 5 feet.

\* See Remarks

\* 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: concrete arch-gravity dam.

.....  
.....

spillway  
8. The location of ~~structure~~ with dimensions are as follows: (State whether over or around the dam)  
22.6' circular tunnel located through left abutment with overflow circular  
floating gate having a designed capacity of 40,000 cfs.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions are as follows: 3 conduits, each 5' in diameter, controlled by 6 sluice gates, each  
(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.)  
4 x 5 ft., and three conduits, each 57" in diameter, controlled by 3 gates each 4 x 4 ft  
and 3 balanced needle valves, each 48". Water for irrigation is diverted through a  
horseshoe tunnel 16' x 7" in diameter.

10. The area submerged by the proposed reservoir, when full, will be 13,000 acres,  
with a maximum depth of water of 312 feet; and approximate mean depth of water  
variable feet.

11. The ~~estimated~~ approximate cost of the proposed ~~work~~ dam is \$ 5,650,000

12. Construction work will begin on or before 1932

13. Construction work will be completed on or before 1936

*W. H. Tuller*  
(Signature of Applicant)

Acting Regional Director, Region 1,  
Bureau of Reclamation, pursuant to  
authority delegated by the Secretary  
of the Interior through the Commissioner  
of Reclamation

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

Remarks: This application supplements application R-11708, permit R-599, and is intended to apply to the 15,000 acre-feet of active storage and also the 405,000 acre-feet of dead storage determined by the State Engineer not to be explicitly covered in that permit. The filing of this application, however, does not waive the position of the United States that Permit R-599 is applicable to the complete reservoir as constructed. The reservoir will continue to be operated as in the past and this application is purely precautionary should the operation under the priorities of Permit R-599 not be upheld judicially. The water stored hereunder is to be diverted pursuant to the secondary permit portion of permit No. 8171 and no additional secondary permit is contemplated. This application is filed under the plan of operation originally contemplated for the Owyhee Federal Reclamation Project as conceived, planned, constructed and operated and under which permits R-599 and 8171 were filed and issued as well as under the withdrawals on behalf of the project. This plan is described as follows: "The delivery of water is made under the plan of operation of the Owyhee Federal Reclamation Project, being constructed and operated pursuant to the Federal Reclamation Laws, these being the act of June 17, 1902 (32 Stat. 388) as amended and supplemented, and in accordance with the repayment contracts with the nine irrigation districts comprising the irrigable area, the last proposed contract being that dated August 29, 1951. Under this plan, consistent with the initial planning for the project under which these permits were issued, the natural flow of the Owyhee River, to the extent water is available, is directed through the reservoir, used on project lands before storage is used; and storage water is accumulated only to extent that natural flow is not available and is augmented by serving to the extent economically feasible a portion of the project with pumped water, thus decreasing the demand on storage and increasing the holdover water in the reservoir." The maps submitted in connection with permits R-599 and 8171 are applicable to this application.

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 Owyhee Reservoir and storage of water from the Owyhee River to be appropriated under Application No. 11709, Permit No. 8171 for irrigation and domestic purposes.

The right hereunder shall be limited to the storage of 420,000 acre feet

The priority date of this permit is April 18, 1955

Actual construction work shall begin on or before November 29, 1956 and

shall thereon be prosecuted with reasonable diligence and be completed on or before October 1, 1957

WITNESS my hand this 29th day of November 1955

*Lewis W. Stanley*

Application No. *K 29904*

Reservoir Permit No. *1764*

### 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 *18th* day of *April*, 19 *55*, at *8:00* o'clock *P.* M.

Returned to applicant:

Approved:

November *29*, 19*55*

Recorded in Book No. *16* of  
Reservoirs, on Page *R-1764*

WELLS J. STANTON  
STATE ENGINEER

Drainage Basin No. *11* page *16*

*Paid \$5.14<sup>00</sup>*