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JUN 19 1951
STATE ENGINEER
SAFETY DIVISION

* Reservoir Permit No. 2106

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

I, Juniper Flat District Improvement Company
(Name of Applicant)

of Maupin

(Postoffice)

, County of Marion

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 WACCO IMPROVEMENT

2. The name of the stream from which the reservoir is to be filled and the appropriation made is
Juniper Creek, a tributary of the Columbia River.

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

4. The use to be made of the impounded water is irrigation.

The other power is estimated at

5. The location of the proposed reservoir will be in Section 12, Township 12, Range 12, Marion County, Oregon, situated in channel of Juniper Creek about one-half mile upstream from mouth of creek.

6. State whether situated in channel of another stream and if so, name of material of outlet

7. The elevation of stream bed at outlet is 3230 ft.

8. If not in channel of running stream state its elevation above. If through a feed canal give name and dimensions.

9. The dam will be located in Section 12, Township 12, Range 12, Marion County, Oregon, Sec. 12, Twp. 12, R. 12, M. It will be

10. The dam will be of earth fill type, having a maximum height of 100 feet in height.

11. The dam will be used for the purpose of storing water for beneficial use in terms and by whom can be secured.

2105

having a length on top of 370..... feet; length on bottom 1000..... feet;
width on top 25..... feet; slope of front or water side 1:1.....; slope on back 1:1.....
(Feet horizontal to Vertical) (Feet horizontal to Vertical)
height of dam above water line when full 9.6..... feet.

7. The construction of dam, the material of which it is to be built, and method of protection from
waves are as follows: Compacted earth fill protected upstream and downstream by 12-foot
width of rock fines overlain by riprap and downstream by 12-foot width of sand.

8. The location of wastewater with dimensions are as follows: Around the dam there will be
ungated crest type, 1-foot wide and 1-foot deep with 1000-foot long
lined chute having 11-foot bottom width and bottom elevation of 1000-foot.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions,
are as follows: On left bank, inlet standing 1000 feet above sea level, 1000-foot long, 1000-foot
wide, reinforced concrete conduit 260 feet long; outlet standing 1000 feet above sea level, 1000-foot
regulating gates each 3' x 1' placed at bottom of outlet, 1000-foot long, 1000-foot wide, 1000-foot
shaft located just upstream from outlet 1000-foot.

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

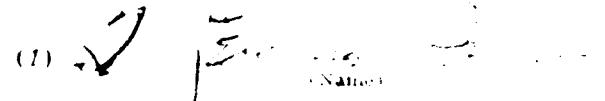
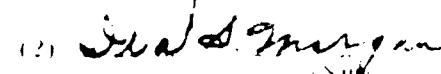
11. The estimated cost of the proposed work is \$

12. Construction work will begin on or before January 1, 1950, and will be completed on or before December 31, 1951, and removed from reservoir and dam December 31, 1952.

13. Construction work will be completed on or before December 31, 1951.

Duplicate maps of the proposed reservoir and dam works, prepared in accordance with the
rules of the State Water Board, accompany this application.

Signed in the presence of as witness:

(1)  James E. Morgan, Esq., Attorney at Law
(Name) _____ Address _____
(2)  J. W. D. Morgan
(Name) _____ Address _____

Remarks: The Inniper Flat District Improvement Company (applicant herein) under the provisions of a decree of the Circuit Court of the State of Oregon for Wasco County, is granted the right to use the direct flow of the waters of Clear Creek and Frog Creek with the date of priority of July 1, 1904, and a storage right of 1400 acre feet of water to be impounded in the Clear Creek reservoir (now called Wasco Reservoir) with a date of priority of August 19, 1904, for irrigation, stock and domestic purposes. The priority date for the additional storage of water for the use of said applicant will be established under State Engineer's Withdrawal Application No. 4624 and 4625, dated November 11, 1915.

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 correction or completion as follows:

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 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 Wasco Reservoir and the storage of water from Clear Creek to be appropriated under application No. 32044, permit No. 32044 for supplemental irrigation.

The right hereunder shall be limited to the storage of 11,660 acre feet.

The priority date of this permit is November 11, 1915

Actual construction work shall begin on or before February 5, 1959

and shall thereafter be prosecuted with reasonable diligence and be completed on or before

October 1, 1959.

WITNESS my hand this 5th day of February, 1959.

Willie J. S. Murray

Application No. R-32043
Reservoir Permit No. R-2106

PERMIT

To construct a reservoir and store for beneficial use the unappropriated waters of the State of Oregon.

Division No. District No.

This instrument was first received in the office of the State Engineer at Salem, Oregon, on the 15 day of July, 1952,
1952, at 12 o'clock M.

Returned to applicant for correction:

Corrected application received:

Approved:

E. M. STANLEY, E. M. STANLEY
Recorded in Book No. 23 of
Reservoirs, on Page 23; in

STATE ENGINEER
Date July 17, 1952

5-38A

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