

Application No. R 56386

Permit No. R 6676

STATE OF OREGON WATER RESOURCES DEPARTMENT

Application for a Permit to Construct a Reservoir

WATER RESOURCES DEPT
SALEM, OREGON

I, Melvin E. Howell and Iris R. Howell
(Name of Applicant)

of Star Route, Box 300 Forest Grove
(Mailing Address) (City)

State of Oregon 97116 Phone No. (503) 357-6436
(Zip Code)

do hereby make application for a permit to construct the Pond No. 1 and No. 2 reservoir
and to store the unappropriated waters of the State of Oregon, subject to existing rights.

1. The name of the stream from which the reservoir is to be filled is un-named stream and
surface runoff tributary to Gales Creek

2. If not in channel of a stream, state how it is to be filled two existing ponds created by a
pre-existing sand and gravel operation that fill from surface runoff.

3. The ~~dam~~ ponds are located in the SE NW SW NE
NW SE $\frac{1}{4}$ of the $\frac{1}{4}$ of Section 17,
Township 1N, Range 4W, W. M.

4. The maximum height will be ----- feet above stream bed or ground surface at the
centerline. The top width will be ----- feet, slope of upstream face -----,
slope of downstream face -----, and height of dam above water line when full
----- feet.

5. The dam will be (check one) earthfill, concrete, flashboard, X other.
If "other", give description: The two ponds are existing and were created by a pre-existing sand
and gravel operation in and adjacent to Gales Creek. The high water mark in the ponds is
at approximately elevation of 96.0 -- the land surface surrounding the ponds is at an
average elevation of 100.0. There is no evidence of a spillway -- water rises to elevation
96 and then seeps out through sand and gravel. The water surface elevation of Gales Creek
at low flow and in the proximity of the ponds is elevation 93.0.

6. Give the location, description, and dimensions of the outlet conduit:
No outlet conduit

(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)

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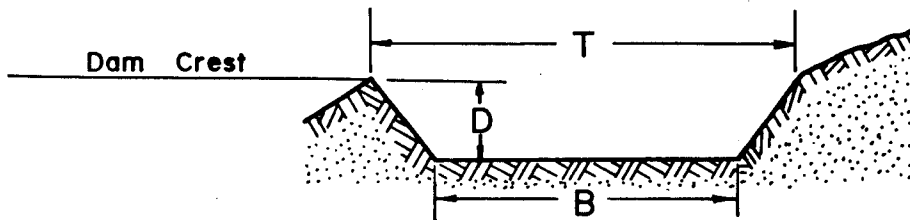
7. The impounded water will be used for supplemental irrigation

Pond No. 1 - 9.6 ac. ft.

8. The amount of water to be stored is Pond No. 2 - 4.6 ac. ft. acre feet.

9. The area submerged by the reservoir, when full, will be 3.69 acres,
and the maximum depth of water will be 6.0 feet.

10. Give the location and dimensions of the spillway (no spillway)
(State whether over or around dam)



The bottom width of the spillway, B, will be ----- feet.

The top width of the spillway, T, will be ----- feet.

The distance between the crest of the dam and the crest of the spillway, D, will be ----- feet.
(Must be at least 2 1/4 feet)

If any other type of spillway describe and give dimensions:

Surface runoff will cause the ponds to rise to an elevation of 96.0. At this elevation sufficient head is created to cause water to leave the ponds by way of porous sands and gravels. There is no evidence of water leaving the ponds by way of surface spillway.

11. Construction work will begin on or before Ponds are existing.

12. Construction work will be completed and the reservoir filled by December 1977

Remarks: The applicant proposes to fill the two existing ponds from surface runoff during winter months and use the stored water for the supplemental irrigation of lands presently irrigated under Permit No. 30412 and additional lands that are to be cleared within the year.

The applicant also proposes to pump water from Gales Creek, under Permit No. 30412,

to the ponds and then pump from the ponds directly to irrigation.

Melvin E. Howell

Signature of Applicant

Inez R. Howell

This is to certify that I have examined the foregoing application, together with the accompanying maps and data, and return the same for correction

In order to retain its priority, this application must be returned to the Water Resources Director with corrections on or before November 21, 1977

RECEIVED

SEP 20 1977

WATER RESOURCES DEPT
SALEM, OREGON

WITNESS my hand this 21st day of September, 1977

James E. Sexson Water Resources Director

By

Larry Toll

Larry Toll

This instrument was first received in the office of the Water Resources Director at Salem, Oregon, on the

10 day of August, 1977, at 8:00 o'clock A.M.

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

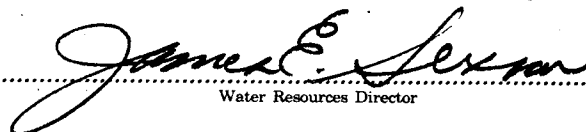
This is to certify that I have examined the foregoing application and do hereby grant the same subject to the following limitations and conditions. The right herein granted is limited to the construction of two ponds and storage of water from unnamed stream to be appropriated under application No. 56387, permit No. 42103 and application No. 56388, permit No. 42104 for irrigation and supplemental irrigation.

The right hereunder shall be limited to the storage of 9.6 a.f. in south pond and 4.6 acre feet in north pond.

The priority date of this permit is August 10, 1977

Actual construction work shall begin on or before November 14, 1978 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1979

WITNESS my hand this 14th day of November, 1977


Water Resources Director