

STATE OF OREGON

COUNTY OF YAMHILL

CERTIFICATE OF WATER RIGHT

This Is to Certify, That ESTATE OF A. L. TANGEN of c/o Mrs. A.L. Tangen, Route 1, Newberry, State of Oregon, has made proof to the satisfaction of the STATE ENGINEER of Oregon, of a right to store the waters of unnamed stream, tributary of Chehalem Creek, to be appropriated under Application No. 23379, Permit No. 18564

for the purposes of irrigation

under Reservoir Permit No. R-958 of the State Engineer, and that said right to store said waters has been perfected in accordance with the laws of Oregon; that the priority of the right hereby confirmed dates from August 23, 1948

that the amount of water entitled to be stored each year under such right, for the purposes aforesaid, shall not exceed 25 acre-feet.

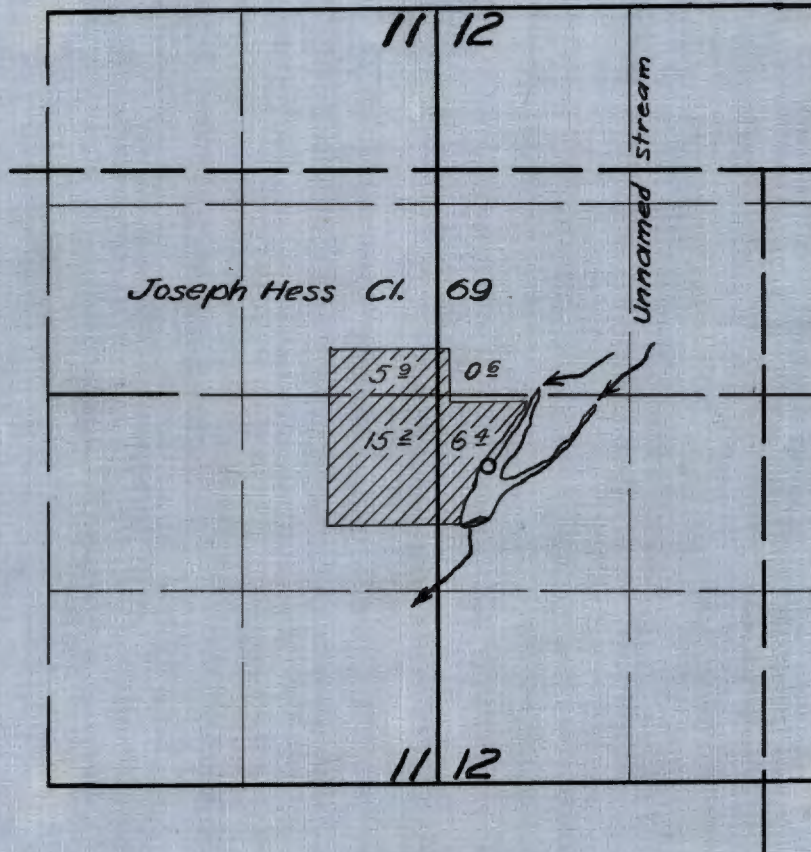
The reservoir is located in Section 12 (NW 1/4 SW 1/4) Tp. 3 S. , R. 3 W. , W.M. as projected within less DLC #69

WITNESS the signature of the State Engineer,

affixed this 7th day of March, 19 57 .

LEWIS A. STANLEY State Engineer.

T.3S.R.3 W.W.M.



FINAL PROOF SURVEY

UNDER

R-23378

R-958

Application No. 23379 Permit No. 18564

IN NAME OF

The Estate of A. L. Tangen

Surveyed Mar. 20 1956, by M. Bish

Memo Re: Inspection Site of Tangen Dam.

Inspection of the subject site was made on October 18, 1948 in company with Mr. C. C. Meisel, a registered professional engineer employed by the O. C. Yocum Company, an engineering and contracting organization of McMinnville. This organization is also building the dam.

The site is on an unnamed creek in Section 12, Township 3 S., Range 3 W., W.M. The unnamed creek is a tributary of Nehalem Creek.

Through the reservoir and dam site the creek has cut a channel from 15 to 20 feet in depth into the otherwise even and uniform sloping countryside. This condition is continuous on the unnamed creek to its confluence with Nehalem Creek and on Nehalem Creek to its confluence with the Willamette River, a total distance from dam to the river of about 5 miles. The water in the reservoir is confined entirely within the channel and would continue to be in the event of failure of the dam. Possibility of loss of life or damage to property in the event the dam failed is therefore very remote.

The dam will have a maximum height of about 17 feet, length of about 200 feet, a crest width of 15 feet and up and downstream slopes of 3 to 1 and 2½ to 1 respectively. This cross section of the dam will be greater than is required under the standards fixed by this office.

Diversion from the reservoir for irrigation will be made by pumping. There is therefore no requirement for an outlet works except to drain the reservoir if and when desired. For this purpose the O. C. Yocum Company will install an 8 inch diameter corrugated galvanized iron pipe, and the owner will furnish and attach the outlet gate and gate tower.

The drainage area of the unnamed creek above the dam is estimated to be 400 acres. The terrain is flat to gently sloping, of a silt loam soil and under good cover and tillage practices, all factors that would tend to decrease surface runoff. An estimate of the peak runoff made on the basis of a runoff of 6 inches in depth in 24 hours indicates a requirement for a spillway capacity of 106 c.f.s. However, Mr. Meisel, who supervised the design and construction of the dam for O. C. Yocum Company, on the basis of a study of channel conditions made the determination that a concrete lined spillway channel 6 to 8 feet wide with the bottom grade two feet below top of dam would pass peak flows without overtopping the dam, which was accepted.

The plans for the dam generally are in accord with the standards of this office, and it is recommended that they be approved.

Respectfully submitted,

Ferd Schlapkohl

PS:lh

Permit No. R-958

Application No. R-23378

County Yamhill

Preliminary Data for Proof of Appropriation of Water

Drafted Nov. 30 '56

M.B.

1. Name A. L. Tangen 2. Address Route 1, Newberg, Oregon

3. Source of supply Unnamed stream

Tributary of Chehalem Creek

4. Amount of water 20 25 ~~55~~ acre feet 5. Priority date August 23, 1948 ~~for 30 acre feet~~ October 13, 1948 ~~for 5 acre feet~~

6. Use irrigation appropriated under Per. etc

7. Location of point of diversion NW 1/4 SW 1/4 within Hass DEC 69 Sec. 12 Tp. 3 S. Rg. 3 W., W. M.
(Legal Subdivision)

8. The description of land given below corresponds to that shown in the permit covering land to be irrigated, or, if for other purposes, the place of use.

Township	Range Willamette Meridian	Section	Forty-acre Tract	No. Acres Described in Permit	No. Acres Actually Irrigated
					20 A.F.
<u>3 S</u>	<u>3 W</u>	<u>12</u>	<u>NW SW as proj within Hass DEC 69</u>		<u>Res</u>

Land on which water is to be used is part of the property described by appropriator as follows:

Photo Survey
Mar. 20, 1956
M.B.

REPORT OF PERSON MAKING INSPECTION

Description of works:

Earth dam 15 ft high 175 ft long 12 ft wide top
approx 2 1/2-1 slope downstream side.

Conc. spillway 11.8 in wide 27 in deep

Critical Fall 1/2 ft in 20 ft.

Spillway is on W. end of dam and
extends down to creek channel

approx 100 ft below dam.

18 in flash board in place on spillway

8 in galv. pipe under center of dam with flood gate

Info. from Sheelar who is buying on contract
from Mrs. Tanager

Surface area 4 AF

4 x 5 = 20 a.f.

I, Myron Bish, do hereby certify that I have made
an inspection of the works described herein and in Permit No. R-958, on the 20 day
of March, 1956, and found the foregoing statements and descriptions of works to
be accurate. In my opinion the appropriation has been completed to the extent of
and I recommend the issuance of water right certificate for this amount. (Quantity of water in second-feet or acre-feet)

NOTICE TO INSPECTORS

If conditions do not justify the above report by you, please return this form without your signature, with a full report by letter.

Myron Bish
(Name)

Field Engineer
(Title)

December 8, 1960

E. B. Stanley, Realtor
620 East First Street
Newberg, Oregon

Dear Mr. Stanley:

This is to confirm the information given you by telephone on December 6, 1960, regarding the water right appurtenant to lands included within the boundaries described in the legal description submitted with your letter of December 5, 1960.

A right established in the name of A. L. Tangen for the construction of a reservoir in the NW $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 12, Township 3 South, Range 3 West and the storage of 25 acre feet of water therein from an unnamed stream tributary of Chehalem Creek under a priority date of August 23, 1948, is evidenced by a water right certificate recorded in Volume 16, Page 22118, State Record of Water Right Certificates.

A water right established in the name of A. L. Tangen for the appropriation of 0.27 cubic foot of water per second from an unnamed stream and reservoir tributary of Chehalem Creek under a priority date of August 23, 1948, for the irrigation of 5.9 acres in the SE $\frac{1}{4}$ NE $\frac{1}{4}$ and 15.2 acres in the NE $\frac{1}{4}$ SE $\frac{1}{4}$, Section 11 and 0.6 acres in the SW $\frac{1}{4}$ NW $\frac{1}{4}$ and 6.4 acres in the NW $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 12 all in Township 3 South, Range 3 West, as projected within the Joseph Hess Donation Land Claim No. 69, is evidenced by a water right certificate recorded in Volume 16, Page 22119, State Record of Water Right Certificates.

Very truly yours,

LEWIS A. STANLEY
State Engineer

By
Walter N. Perry, Assistant

WNP:mgb

January 14, 1957

Estate of A. L. Tangen
c/o Mrs. A. L. Tangen
Rt. 1
Newberg, Oregon

Dear Mrs. Tangen:

We are enclosing herewith for completion, final proof in connection with the incomplete water right represented by your Permit No. **18564** granting a right to the use of **0.27 cfs** of the waters of **unnamed stream & reservoir, for irrigation, and Permit No. R-958 for 25 a.f. from unnamed stream for irrigation and storage of water.**

The data contained in the proof, which is based on an inspection and survey of your project made by a representative of this department, defines the extent to which your water right has been completed within the terms of your Permit. The proof should be dated and signed by you on the second sheet under the Affidavit of Appropriator and returned to this office.

Upon receipt of the proof, properly executed and accompanied by the statutory fee of \$1, a Certificate of Water Right will be issued confirming the rights thereunder and, after being recorded in the records of **Yamhill** County, will be forwarded to you.

In the interest of economy and due to the fact that your completed project was examined by a representative of this department, it is not necessary that your signature be made before a Notary Public, nor that the signatures of witnesses be affixed to the proof.

Yours very truly,

Lewis A. Stanley

LEWIS A. STANLEY
State Engineer

Form 117
mb
Enclosure

P.S. \$1.00 for each certificate

October 23, 1952

Mr. A. L. Tangen
Route 1
Newberg, Oregon

Dear Mr. Tangen:

This will acknowledge receipt of your notice to the effect that complete application of water has been made under Permit No. 18564.

Pursuant to your report and in line with the general practice of this office, a survey will be made at a later date for the purpose of checking the amount of water used as described in the permit. After this survey, proof may be made and certificate issued covering the actual use of water as found by the engineer.

In the meantime, the permit which you hold will be valid evidence of the water right.

Very truly yours,

Chas. E. Stricklin

CHAS. E. STRICKLIN
State Engineer

R-23378

April 28, 1950

Mr. A. L. Tangen
Route 1
Newberg, Oregon

Dear Mr. Tangen:

This will acknowledge receipt of Forms A and B, being notices of the beginning of construction and completion of construction under Permit No. R-958.

These reports have been filed with other matter pertaining to the water right, and the permit is in good standing until October 1, 1952, when under its terms, all the water which it is intended to use at any time should be used to the full extent intended.

Very truly yours,

Chas. E. Stricklin

CHAS. E. STRICKLIN
State Engineer

Form 127

Mr. A. L. Tangen
Route 1
Newberg, Oregon

R-23378

April 25, 1949

Dear Mr. Tangen:

Herewith you will find Application No. R-23378,
Permit No. R-958.

This application has been approved and recorded in
this office.

PLEASE READ CAREFULLY THE FOLLOWING INSTRUCTIONS:

Your permit has been recorded in this office, but you
should hold the original as evidence of your water right unless
the land described therein is disposed of. In that event you
should file an assignment to the new owner for record in this
office. Assignment blanks will be furnished upon request.

The permit, which appears on the back page of the ap-
plication form, limits the time in which you may begin and com-
plete construction of your project. According to law you must
begin actual construction work within one year from the date of
issuance of the permit or your right will be lost. The State
Engineer is authorized to extend the time for completion of the
project on proper showing, but has no authority to extend the
time limit for beginning of construction work.

Forms are attached to the permit for your convenience
in submitting notice when construction begins, when it is com-
pleted, and when the water has been completely applied to the
proposed use.

Whenever a measuring device becomes necessary for the
proper distribution of water the permittee will be required to in-
stall one to the satisfaction of the State Engineer as provided by
Section 116-501, O.C.L.A.

As soon as the work is completed and the water applied
to the proposed use, you should notify the State Engineer who will
then take up with you the matter of final proof, after which a
water right certificate will be issued.

If your use of water is for irrigation, proof can be
made only after you have actually irrigated ALL of the land des-
cribed in your permit, which you intend to irrigate at any time.

Yours very truly,

Chas. E. Stricklin

CHAS. E. STRICKLIN
State Engineer

R-23378
23379

December 1, 1948

Mr. A. L. Tangen
Route 1
Newberg, Oregon

Dear Mr. Tangen:

On rechecking your Application No. 23379, it is noted that you increased the acreage proposed to be irrigated from 25 to 33.75.

If you will submit the balance due in recording fees, because of the increased acreage, in the amount of \$.60, this application and the accompanying reservoir application will be placed in line for approval and issuance of permits.

Very truly yours,

CHAS. E. STRICKLIN
State Engineer

By
Ed K. Humphrey, Assistant

EKH:da

R-23378
23379

October 21, 1948

Mr. A. L. Tangen
Route 1
Newberg, Oregon

Dear Mr. Tangen:

This will acknowledge receipt of your revised application No. 23379.

If you will now send us the legal description of the property on which you intend to use water, which description should be copied word for word from your deed, abstract or contract, we will add this description to your application and place this application and the accompanying reservoir application in line for approval and issuance of permits.

Very truly yours,

CHAS. E. STRICKLIN
State Engineer

By
Ed K. Humphrey, Assistant

EKH:RN

September 23, 1948

Mr. A. L. Tangen
Route 1
Newberg, Oregon

Dear Mr. Tangen:

Your applications which are designated in our records as No. R-23378 and No. 23379 have been examined, and it appears that the dam which you propose to construct will be about 20 feet in height and will store approximately 30 acre-feet.

Oregon laws provide that before the beginning of construction of any dam 10 feet or more in height or storing in excess of 3,000,000 gallons, plans and specifications of the dam must be submitted to the State Engineer and his approval obtained. Oregon laws also provide that these plans and specifications must be prepared by a registered professional engineer.

It will also be necessary for you to submit a map showing the location of the lands to be irrigated. This map should be tied to some Government corner as provided for in the Rules and Regulations of the State Engineer, a copy of which is enclosed herewith.

Very truly yours,

CHAS. E. STRICKLIN
State Engineer

CES:dh
Enc.

RECEIVED

OCT 13 1948

STATE ENGINEER
SALEM, OREGON

Check for A.L.Tangen

Receipt No. 5326

construction. Paid on Irrigation and Dam

Superseded

* Reservoir Permit No.

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

I, A. L. Tangen (Name of Applicant)

of Rt 1 Newberg (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

2. The name of the stream from which the reservoir is to be filled and the appropriation made is an unnamed stream trib. of Chehalem Crk.

tributary of Willamette River

3. The amount of water to be stored is 30 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. 12
(Give sections or townships to be submerged)

Tp. 35, R. 3W, W. M., in the county of Yamhill

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

(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 Sec. 12
(Smallest legal subdivision)

Tp. 35, R. 3W, W. M. The maximum height will be 21 feet above stream bed or ground

Application No. R-23378

Reservoir Permit No.

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 23rd day of August, 1948, at 11:20 o'clock A. M.

Approved:

.....

Recorded in Book No. of
Reservoirs, on Page

.....
STATE ENGINEER

STATE PRINTING DEPT.

2-76 U

STATE OF OREGON

County of Marion

subject to the following limitations and conditions:

This is to certify that I have examined the foregoing application and do hereby grant the same

The present state of the permit is
The first reservoir shall be limited to the capacity of 2,000,000 gallons
The second reservoir shall be limited to the capacity of 1,000,000 gallons