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STATE ENGINEER  
SALEM, OREGON

\* Reservoir Permit No. R 5461

CERTIFICATE NO. 49499

ASSIGNED, See Misc. Rec., Vol. 6 Page 13

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

By, George V. Cox and G. Fred Cox  
(Name of Applicant)

of Star Route South Bandon 97411  
(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 No

1. The name of the proposed reservoir is (See Map)

✓ 2. The name of the stream from which the reservoir is to be filled and the appropriation made is are  
Crooked Creek and Johnson Creek, both of which flow into the Pacific  
tributary of Ocean

3. The amount of water to be stored is (See Attached Sheet) acre feet.

Irrigation=13.22 acre feet

4. The use to be made of the impounded water is Flood For Harvest=13.22 acre feet  
(Irrigation, power, domestic supply, etc.)

✓ 5. The location of the proposed reservoir will be in Sec. 8  
(Give sections or townships to be submerged)

Tp. 29S., R. 14W., W.M., in the county of Coos

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

(See Attached Sheet)

(b) If not in channel of running stream, state how it is to be filled. If through a feed canal, give  
name and dimensions (See Attached Sheet)

6. The dam will be located in (See Attached Sheet), Sec. 8  
(Smallest legal subdivision)

Tp. 29S., R. 14W., W.M. The maximum height will be feet above stream bed or ground  
surface on center line of dam. The length on top will be feet; length on  
bottom feet; width on top feet; slope on front  
or water side; slope on back; height of dam above water line  
(Feet horizontal to 1 vertical) (Feet horizontal to 1 vertical)  
when full 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.

Reservoirs  
#1 → NW 1/4 SE 1/4 of Sect 8  
#2 → NE 1/4 SW 1/4 of Sect 8  
#3 → SE 1/4 NW 1/4 of Sect 8  
#4 →  
#5 →  
#6 → SW 1/4 NW 1/4 of Sect 8  
#7 →

all in T29S R14W W1  
as clearly shown on the  
accompanying maps

R 5461

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: (See Attached Sheet)

8. The location of wasteway with dimensions are as follows: (See Attached Sheet)  
(State whether over or around the dam)

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: (See Attached Sheet)  
(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)

10. The area submerged by the proposed reservoir, when full, will be Total= 1.79 acres, with a maximum depth of water of feet; and approximate mean depth of water feet.  
(See Attached Sheet)

11. The estimated cost of the proposed work is \$ 10,000.00

12. Construction work will begin on or before 95% completed as of this date

13. Construction work will be completed on or before December 1970

(Signature of applicant)

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 and completion~~ corrections

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before May 5th, 1969  
September 24th 69

WITNESS my hand this 5th day of March, 1969  
24th July 69

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CHRIS L. WHEELER

STATE ENGINEER

Larry W. Jebousek

ASSISTANT

Remarks: .....

R 5461

STATE OF OREGON, }  
County of Marion, } ss.

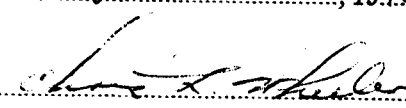
This is to certify that I have examined the foregoing application and do hereby grant the same, subject to the following limitations and conditions: The right herein granted is limited to the construction of seven reservoirs and storage of water from Crooked Creek and Johnson Creek to be appropriated under application No. 45801, permit No. 34284 for irrigation and harvesting, being 4.4 af in reservoir No. 1, 5.5 af in reservoir No. 2, 3.0 af in reservoir No. 3, 3.0 af in reservoir No. 4, 2.6 af in reservoir No. 5 from Crooked Creek, and 2.4 af in reservoir No. 6, 5.5 af in reservoir No. 7 from Johnson Creek, and being 13.2 af for irrigation and 13.2 af for harvesting.

The right hereunder shall be limited to the storage of 26.4 acre feet.

The priority date of this permit is June 20, 1969

Actual construction work shall begin on or before January 5, 1971 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1971.

WITNESS my hand this 5th day of January, 1970.

  
STATE ENGINEER

RESERVOIR #5:

- Item 5(a) -- This is a dug sump hole, not in a stream channel.
- Item 5(b) -- This reservoir is filled by surface water flowing by gravity into the sump hole, from the adjacent area.
- Item 6 ----- No dam - a mere sump hole.
- Item 7 ----- No dam.
- Item 8 ----- Wasteway is a dug ditch which drains off the surplus water into a natural channel towards the southwest.
- Item 9 ----- The overflow outlet is located at the south end of the reservoir.
- Item 10 ----- Area submerged when full is 0.20 Acres, with a maximum depth of water of 15 feet; and the approximate mean depth of water of 13 feet.

RESERVOIR # 6:

- Item 5(a) -- This is a dug sump hole not in a stream channel.
- Item 5(b) -- This reservoir is filled by surface water flowing through a ditch from the area to the north, and includes the collection of the overflow water from Reservoirs #4 and #7.
- Item 6 ----- No dam, a mere dug sump hole.
- Item 7 ----- No dam
- Item 8 ----- Wasteway - a ditch which allows the surplus water to flow southward through a natural channel.
- Item 9 ----- Outlet - a ditch at the south end of the Reservoir.
- Item 10 ----- Area submerged by this reservoir when full, is 0.16 Acres, with a maximum depth of water of 18 feet; and an approximate depth of water of 15 feet.

RESERVOIR #7:

- Item 5(a) -- This is a dug sump hole not in a stream channel.
- Item 5(b) -- This reservoir is filled by water being pumped via a 4" plastic pipe line from Johnson Creek.
- Item 6 ----- No dam, a mere sump hole.
- Item 7 ----- No dam
- Item 8 ----- Wasteway - the surplus water flows southward through a ditch to subsequently be collected in Reservoir #6.
- Item 9 ----- Outlet - a dug ditch at the southeast end of the reservoir.
- Item 10 ----- Area submerged when full, will be 0.37 Acres, with a maximum depth of water of 18 feet; and an approximate mean depth of water of 15 feet.

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RESERVOIR #2:

R 5461

- Item 5(a) -- Located in channel of Crooked Creek and formed by an earth dam.
- Item 6 ----- The dam and Reservoir #2 are in NE $\frac{1}{4}$  SW $\frac{1}{4}$  of Section 8, T.29S., R.14W.W.M. The maximum height is 9 Feet above stream bed; the length of the top is 75 Feet; the length of the bottom is 65 Feet; the width of the top is 16 Feet; the slope in front is 1:3 and in back 1:2; height of dam above the water line when filled is 2 Feet.
- Item 7 ----- The dam is of earth fill, with no protection from wave action (which does not exist).
- Item 8 ----- Wasteway: a 2 $\frac{1}{2}$  Foot wide wooden sluiceway which runs across the top of the dam.
- Item 9 ----- Outlet: no outlet on the bottom.
- Item 10 ----- Area submerged when full is 0.37 Acres, with a maximum depth of 18 feet; and an approximate mean depth of 15 Feet.

RESERVOIR # 3:

- Item 5(a) -- This is a dug sump hole, not in a stream channel.
- Item 5(b) -- This reservoir is filled by pumping water from Reservoir #1 in Crooked Creek, through a pipe line to a point approximately 100 feet from the reservoir. The water then runs by gravity into the reservoir.
- Item 6 ----- No dam -- a mere sump hole.
- Item 7 ----- No dam
- Items 8 and 9 -- Wasteway and Outlet: These are not needed because when the hole is full of water, the pumping is stopped at Reservoir #1.
- Item 10 ----- The Area submerged by the water is 0.20 Acres, with a maximum depth of water of 18 feet; and an approximate mean depth of water of 15 feet.

RESERVOIR # 4:

- Item 5(a) -- This is a dug sump hole, not in a stream channel.
- Item 5(b) -- This reservoir is filled by surface water flowing by gravity into the sump hole, from the adjacent area, particularly *the excess water pumped from Crooked Creek onto the 3.1 Acre Bog*
- Item 6 ----- No dam -- a mere sump hole.
- Item 7 ----- No dam.
- Item 8 ----- When the water reaches maximum height for the sump hole, it flows by gravity southwesterly, through a ditch and is eventually collected in Reservoir #6.
- Item 9 ----- The overflow outlet is at the west end of the sump hole.
- Item 10 ----- Area submerged when full is 0.35 Acres, with *20 Acres to a* depth of water of 18 feet; and approximate mean depth of water of 15 feet; *the remaining 0.15 Acres is shallow water*
- This stored water is to be used for Irrigation and Flood for Harvest of the 3.1 Acre Cranberry Bog located to the East of this Reservoir*

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R 5461

Item #3: The amount of water to be stored is:

Reservoir #	Surface Area (Acres)	Average Depth	Acre Feet Stored
#1	0.29 Acres	15 Feet	4.35 Acre Feet
#2	0.37	15	5.55
#3	0.20	15	3.00
Total — 0.35 —————> SHALLOW 15 Feet			
#4	0.20 Acres @	15	3.00
#5	0.20	13	2.60
#6	0.16	15	2.40
#7	0.37	15	5.55
Total	1.79 Acres	---	26.45 Acre Feet

RESERVOIR #1:

- Item 5(a)-- Located in channel of Crooked Creek and formed by an earth dam which is supported by wooden planks to hold the dirt.
- Item 6 ---- The dam and Reservoir are in NW $\frac{1}{4}$  SE $\frac{1}{4}$  of Section 8, T.29S., R.14W.W.M.  
The maximum height of the dam is 8 Feet above the stream bed. The length of the top is 40 Feet; Length of bottom is 35 Feet; width on top is 14 Feet; slope of dam in front and back is straight up and down supported by the wooden planks for 5 feet, then the slope is 1:1 $\frac{1}{2}$  to the bottom; height of dam above water line when full is 2 Feet.
- Item 7 ---- The dam is of earth fill with no protection from wave action (which does not exist) except the wooden planks.
- Item 8 ---- Wasteway: wooden 4 Foot wide sluiceway, through the top of the dam with boards to regulate the height of the water to be stored
- Item 9 ---- Outlet: The wooden sluiceway can be opened up to drain most of the stored water. No bottom outlet.
- Item 10 --- Area submerged, when full is 0.29 Acres, with a maximum depth of 18 feet; and an approximate mean depth of 15 Feet.

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Application No. R-45808

Reservoir Permit No. R 5461

## 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 25<sup>th</sup> day of FEBRUARY, 1969, at 1:00 o'clock P. M.

Returned to applicant:

Approved:

January 5, 1970

Recorded in Book No. \_\_\_\_\_ of \_\_\_\_\_

Reservoirs, on Page R 5461

CHRIS L. WHEELER

State Engineer

Drainage Basin No. 17

page 48

Fees

\$20.00