

* APPLICATION FOR PERMIT

To appropriate the Public Waters of the State of Oregon

I, United States of America, Corps of Engineers, U. S. Army
(Name of applicant)
of 628 Pittock Block, Portland,
(Mailing address)
State of Oregon, do hereby make application for a permit to appropriate the following described public waters of the State of Oregon, SUBJECT TO EXISTING RIGHTS:

If the applicant is a corporation, give date and place of incorporation _____

1. The source of the proposed appropriation is North Santiam River
(Name of stream)
_____, a tributary of Santiam River
2. The amount of water which the applicant intends to apply to beneficial use is 60
cubic feet per second.
(If water is to be used from more than one source, give quantity from each)
- **3. The use to which the water is to be applied is for operation of
(Irrigation, power, mining, manufacturing, domestic supplies, etc.)
salmon egg collecting station and fish ladder.
4. The point of diversion is located 1,773 ft. N and 781 ft. W from the _____ section
(N. or S.) (E. or W.)
corner of sections 29, 30, 31, and 32, Township 9 S., Range 4 E., W. M.
(Section or subdivision)

(See attached drawing)

(If preferable, give distance and bearing to section corner)

(If there is more than one point of diversion, each must be described. Use separate sheet if necessary)

being within the NE 1/4 of the SE 1/4 of Sec. 30, Tp. 9 S,
(Give smallest legal subdivision) (N. or S.)
R. 4 E, W. M., in the county of Marion & Linn
(E. or W.)

5. The 2 pipe lines to be 280 feet & 60 feet
(Main ditch, canal or pipe line) (Miles or feet)
in length, terminating in the NE 1/4 of the SE 1/4 of Sec. 30, Tp. 9 S,
(Smallest legal subdivision) (N. or S.)
R. 4 E, W. M., the proposed location being shown throughout on the accompanying map.
(E. or W.)

DESCRIPTION OF WORKS

Diversion Works—

6. (a) Height of dam 10 feet, length on top 250 feet, length at bottom 165 feet; material to be used and character of construction rock filled
(Loose rock, concrete, masonry, timber crib, wasteway over dam, rock and brush, timber crib, etc., wasteway over or around dam)

(b) Description of headgate 36" slide & 30" slide
(Timber, concrete, etc., number and size of openings)

(c) If water is to be pumped give general description _____
(Size and type of pump)

(Size and type of engine or motor to be used, total head water is to be lifted, etc.)

* A different form of application is provided where storage works are contemplated.

** Application for permits to appropriate water for the generation of electricity, with the exception of municipalities, must be made to the Hydroelectric Commission. Either of the above forms may be secured, without cost, together with instructions by addressing the State Engineer, Salem, Oregon.

Canal System or Pipe Line—

7. (a) Give dimensions at each point of canal where materially changed in size, stating miles from headgate. At headgate: width on top (at water line) feet; width on bottom feet; depth of water feet; grade feet fall per one thousand feet.

(b) At miles from headgate: width on top (at water line) feet; width on bottom feet; depth of water feet; grade feet fall per one thousand feet.

(c) Length of pipe, ⁶⁰280 ft.; size at intake, ^{30"}36" in.; size at ⁶⁰280 ft. from intake ^{30"}36" in.; size at place of use ^{30"}36" in.; difference in elevation between intake and place of use, ^{None}None ft. Is grade uniform? **Yes** Estimated capacity, ⁶⁰60 sec. ft.

8. Location of area to be irrigated, or place of use

Township	Range	Section	Forty-acre Tract	Number Acres To Be Irrigated
WILLAMETTE MERIDIAN				
9 S	4 E	30	NE 1/4 of SE 1/4	None
Property on which water is to be used is a part of that more explicitly described by applicant as follows:				
CORPS OF ENGINEERS, U. S. ARMY DETROIT PROJECT				
MINTO EGG COLLECTING STATION				
Description of land to be covered by Permit (Application No. 24819) to Appropriate Water				
All that part of the west half of the northeast quarter of the southeast quarter, that part of the west half of the east half of the northeast quarter of the southeast quarter, that part of the northwest quarter of the southeast quarter, and that part of the east half of the east half of the northeast quarter of the southwest quarter of Section 30, Township 9 South, Range 4 East, Willamette Meridian, that lies north of the center of the North Santiam River and south of a line that is parallel with and 30 feet northerly from the center line of the former railroad of the Southern Pacific Company, all in Marion County, Oregon.				
Also, commencing at the southwest corner of the northwest quarter of the southeast quarter of Section 30, Township 9 South, Range 4 East, Willamette Meridian; thence north on the west line of the east half of Section 30 a distance of 100 feet; thence east 200 feet to the true point of beginning of this description; thence N. 72° 45' E. 660 feet; thence east to the east line of the west half of the northeast quarter				

(If more space required, attach separate sheet) (CONTINUED UNDER REMARKS)

(a) Character of soil

(b) Kind of crops raised

Power or Mining Purposes—

9. (a) Total amount of power to be developed theoretical horsepower.

(b) Quantity of water to be used for power sec. ft.

(c) Total fall to be utilized feet.
(Head)

(d) The nature of the works by means of which the power is to be developed

(e) Such works to be located in of Sec.
(Legal Subdivision)

Tp., R., W. M.
(No. N. or S.) (No. E. or W.)

(f) Is water to be returned to any stream?
(Yes or No)

(g) If so, name stream and locate point of return
....., Sec., Tp., R., W. M.
(No. N. or S.) (No. E. or W.)

(h) The use to which power is to be applied is

(i) The nature of the mines to be served

Municipal or Domestic Supply—

10. (a) To supply the city of
..... County, having a present population of
(Name of)
and an estimated population of in 19.....

(b) If for domestic use state number of families to be supplied

(Answer questions 11, 12, 13, and 14 in all cases)

- 11. Estimated cost of proposed works, \$ 100,000
- 12. Construction work will begin on or before August 1, 1950
- 13. Construction work will be completed on or before October 31, 1950
- 14. The water will be completely applied to the proposed use on or before February 1, 1951

(Sgd) D S Burns
(Signature of applicant)
 D. S. Burns
 Colonel, Corps of Engineers
 District Engineer

Remarks:

A 36" diameter pipe will furnish water for the egg collecting station holding ponds and fish ladder. This water will flow through the holding ponds returning to the river by the way of the fish ladder. Supplemental water for the lower section of the fish ladder will be supplied through a 30" diameter pipe. All water will be for a non-consumptive use, being taken from the river immediately above the upstream face of the dam and returned to the river through the fish ladder approximately 80 feet downstream from the headgates.

(Continued from Item 8)

of the southeast quarter of said Section 30; thence north on said east line 200 feet, more or less, to the center of the North Santiam River; thence westerly following the center of said river downstream to a point that is north of the true point of beginning; thence south 200 feet, more or less, to the point of beginning, all in Linn County, Oregon.

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.....

Application No. 24819

Permit No. 19544

PERMIT
TO APPROPRIATE THE PUBLIC
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 5th day of June,

1950, at 8:00 o'clock A. M.

Returned to applicant:

Corrected application received:

Approved:

September 29, 1950

Recorded in book No. 48 of

Permits on page 19544

CHAS. E. STRICKLIN

STATE ENGINEER

Drainage Basin No. 2 Page 46-A

Fees Paid 138.00

PERMIT

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 EXISTING RIGHTS and the following limitations and conditions:

The right herein granted is limited to the amount of water which can be applied to beneficial use
and shall not exceed 60.0 cubic feet per second measured at the point of diversion from the
stream, or its equivalent in case of rotation with other water users, from North Santiam River

The use to which this water is to be applied is operation of salmon egg collecting station
and fish ladder.

If for irrigation, this appropriation shall be limited to - - - - - of one cubic foot per
second

and shall be subject to such reasonable rotation system as may be ordered by the proper state officer.

The priority date of this permit is June 5, 1950

Actual construction work shall begin on or before September 29, 1951 and shall
thereafter be prosecuted with reasonable diligence and be completed on or before

October 1, 1952

Complete application of the water to the proposed use shall be made on or before

October 1, 1953

WITNESS my hand this 29th day of September, 1950.

CHAS. E. STRICKLIN

STATE ENGINEER

Permits for power development are subject to the payment of annual fees as provided in sections 1 and 2, chapter 74, Oregon Laws 1933.