5M— RECEIVED
OCT - 6 1975
WATER RESOURCES DEPT.
SALEM, OREGON

Permit No. 39283

*APPLICATION FOR PERMIT

"CERTIFICATE NO. 56705 56705"

To Appropriate the Public Waters of the State of Oregon

I, Calvin W. Heckard
(Name of applicant)

of Route 4, Box 152 (Mailing address), Coos Bay (City),

State of Oregon 97420 (Zip Code), 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 un-named (Name of stream)
Stream and Lower Pond, a tributary of Catching Slough

2. The amount of water which the applicant intends to apply to beneficial use is 2.8
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 Irrigation o.2 cfs. from stream only
(Irrigation, power, mining, manufacturing, domestic supplies, etc.)
Aquaculture 2.6 cfs. from stream and pond.

4. The point of diversion is located 190 ft. North (N. or S.) and 740 ft. West (E. or W.) from the SE corner of Section 6
(Section or subdivision)

(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 SE 1/4, SE 1/4 (Give smallest legal subdivision) of Sec. 6, Tp. 26 S (N. or S.),
R. 12 W (E. or W.), W. M., in the county of Coos.

5. The pipeline (Main ditch, canal or pipe line) to be 50 feet (Miles or feet)
in length, terminating in the SE 1/4 SE 1/4 (Smallest legal subdivision) of Sec. 6, Tp. 26S (N. or S.),
R. 12 W (E. or W.), W. M., the proposed location being shown throughout on the accompanying map.

DESCRIPTION OF WORKS

Diversion Works—

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

(b) Description of headgate 4" Gate Valve
(Timber, concrete, etc., number and size of openings)

(c) If water is to be pumped give general description 5 HP Centrifugal, electric
(Size and type of pump)
motor, 100 ft. head, for irrigation.
(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. Such forms can be secured without charge, together with instructions, by addressing the State Engineer, Salem, Oregon 97310.

39283

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.*

Gravity system to be used for aquaculture

(c) Length of pipe, 40 *ft.; size at intake,* 4 *in.; size at* 40 *ft. from intake* 4 *in.; size at place of use* 4 *in.; difference in elevation between intake and place of use,* 4 *ft. Is grade uniform?* Yes *Estimated capacity,* 2.6 *sec. ft.*

8. *Location of area to be irrigated, or place of use* SE 1/4, SE 1/4 Sec. 6, T.26S, R12W NE 1/4, NE 1/4 Sec. 7, T.26 R12W

Township North or South	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
26 S	12 W	6 7	SE 1/4 SE 1/4 NE 1/4 NE 1/4	14 2
		6	SW 1/4 SE 1/4	2
26 S	12 W	6	SE 1/4 SE 1/4	Aquaculture

(If more space required, attach separate sheet)

(a) Character of soil Sandy Clay

(b) Kind of crops raised Pasture and Chum Salmon

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 ..... (Head) *feet.*

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

(e) Such works to be located in ..... (Legal subdivision) *of Sec.* ....., *Tp.* ..... (No. N. or S.), *R.* ..... (No. E. or W.), *W. M.*

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

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

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

(i) The nature of the mines to be served .....

Municipal or Domestic Supply—

39283

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, $ 4,000

12. Construction work will begin on or before September 15, 1975

13. Construction work will be completed on or before January 1, 1977

14. The water will be completely applied to the proposed use on or before January 1, 1977

Coleen W. Heckard
(Signature of applicant)

Remarks: It may be three to five years before site is tested well enough to complete the full aquaculture project and use the full amount of water requested. After the return of the first planting, plant addition in rearing facilities will no doubt prove feasible. It may take up to an additional two years for this. The operation will entail hatching of up to 1,000,000 salmon eggs.

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.....

.....
STATE ENGINEER

By .....
ASSISTANT

39283

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 2.80 *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* an unnamed stream and Lower Pond Reservoir to be constructed under Application No. R-52163, Permit No. R- 6291 ; being 0.20 c.f.s. from stream for irrigation and 2.60 c.f.s. from stream and reservoir for aquaculture

The use to which this water is to be applied is irrigation and aquaculture

If for irrigation, this appropriation shall be limited to 1/80th *of one cubic foot per second or its equivalent for each acre irrigated* from direct flow and shall be further limited to a diversion of not to exceed 2½ acre feet per acre for each acre irrigated during the irrigation season of each year from direct flow and storage from reservoir to be constructed under Permit No. R- 6291

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 October 6, 1975

Actual construction work shall begin on or before January 28, 1977 *and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 19*77

Extended to Oct. 1979

*Complete application of the water to the proposed use shall be made on or before October 1, 19*78

Extended to Oct. 1979

WITNESS my hand this 28th *day of* January, *19*76.

WATER RESOURCES DIRECTOR ~~STATE ENGINEER~~

Application No. 52164

Permit No. 39283

PERMIT

TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF OREGON

This instrument was first received in the office of the State Engineer at Salem, Oregon, on the 12 *day of* October, *19*75 *at* 11 *o'clock* A.M.

Returned to applicant:

Approved:

Recorded in book No. ..... *of Permits on page* 39283

STATE ENGINEER

Drainage Basin No. 17 *page* 10-K

Fees —