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MAY 5 1972
STATE ENGINEER
SALEM OREGON

Permit No. G-5001

CERTIFICATE NO. 47429

APPLICATION FOR A PERMIT

To Appropriate the Ground Waters of the State of Oregon

I, U. S. Dept of Army, Corps of Engineers
(Name of applicant)
of Walla Walla, Washington, county of Walla Walla
(Postoffice Address)
state of Washington, do hereby make application for a permit to appropriate the following described ground waters of the state of Oregon, SUBJECT TO EXISTING RIGHTS:

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

1. Give name of nearest stream to which the well, tunnel or other source of water development is situated Columbia River - Tanner Creek
(Name of stream)
tributary of

2. The amount of water which the applicant intends to apply to beneficial use is 19.8 cubic feet per second or 9,000 gallons per minute.

3. The use to which the water is to be applied is Domestic and Industrial (Source water for Bonneville Fish Hatchery)

4. The well or other source is located ft. and ft. from the corner of See attached drawing
(N. or S.) (E. or W.)
(Section or subdivision)
(If preferable, give distance and bearing to section corner)

(If there is more than one well, each must be described. Use separate sheet if necessary)
being within the SE 1/4, SW 1/4 of Sec. 21, Twp. 2 N., R. 7 E., W. M., in the county of Multnomah

5. The N/A to be miles in length, terminating in the of Sec., Twp., R., W. M., the proposed location being shown throughout on the accompanying map.
(Canal or pipe line)
(Smallest legal subdivision)

6. The name of the well or other works is Bonneville Hatchery H-1, H-2, H-3 and H-4 Bonneville Test Well D-2 and D-3

DESCRIPTION OF WORKS

7. If the flow to be utilized is artesian, the works to be used for the control and conservation of the supply when not in use must be described.

N/A Normal ground water conditions

8. The development will consist of 6 wells having a diameter of 20 & 16 inches and an estimated depth of 200 feet. It is estimated that 200 feet of the well will require 16" casing. Depth to water table is estimated 20 to 40 feet.
(Kind) (Feet)

CANAL SYSTEM OR PIPE LINE—

G 5001

9. (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) N/A 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, ft.; size at intake in.; in size at ft. from intake in.; size at place of use in.; difference in elevation between intake and place of use, ft. Is grade uniform? Estimated capacity, sec. ft.

10. If pumps are to be used, give size and type

Give horsepower and type of motor or engine to be used

11. If the location of the well, tunnel, or other development work is less than one-fourth mile from a natural stream or stream channel, give the distance to the nearest point on each of such channels and the difference in elevation between the stream bed and the ground surface at the source of development

H-1 located within 300 feet of Columbia River

H-2 located within 400 feet of Columbia River

H-3 located within 600 feet of Columbia River

H-4 located within 700 feet of Columbia River

D-2 located within 600 feet of Columbia River

D-3 located within 1200 feet of Columbia River

SE 1/4, SW 1/4 of Sec. 21,

12. Location of area to be irrigated, or place of use N/A T. 2 N., R. 7 E. W.M.

Table with 5 columns: Township N. or S., Range E. or W. of Willamette Meridian, Section, Forty-acre Tract, Number Acres To Be Irrigated. The table is mostly empty.

(If more space required, attach separate sheet)

Character of soil

Kind of crops raised

Well #	H-1	is	994' N and 3701' W	from the S. E. corner			
"	H-2		1144' N and 3566' W	" " "	"	"	"
"	H-3		1128' N and 3309' W	" " "	"	"	"
"	H-4		1194' N and 3111' W	" " "	"	"	"
"	D-2		241' N and 3896' W	" " "	"	"	"
"	D-3		709' N and 2833' W	" " "	"	"	"

all being within the SE $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 21, Township 2 North, Range 7 East, W. M.

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13. To supply the city of Domestic use for fish hatchery
in Multnomah county, having a present population of 100 permanent residents
and an estimated population of 1000 visitors per year in 19.....

ANSWER QUESTIONS 14, 15, 16, 17 AND 18 IN ALL CASES

- 14. Estimated cost of proposed works, \$ 180,000.....
- 15. Construction work will begin on or before Fall 1972.....
- 16. Construction work will be completed on or before Fall 1973.....
- 17. The water will be completely applied to the proposed use on or before Fall 1973.....

18. If the ground water supply is supplemental to an existing water supply, identify any appli-
cation for permit, permit, certificate or adjudicated right to appropriate water, made or held by the
applicant. Present use of Tanner Creek flow using a diversion dam and pipeline -
Under permit to Oregon State Fish Commission

Max K. Tysor
MAX K. TYSOR (Signature of applicant)
Chief, Real Estate Division

Remarks: Walla Walla District, Corps of Engineers is doing the design and preparation of
plan and specifications for construction. Portland District, Corps of Engineers,
will supervise construction. Permits will be forwarded to using agency.

The wells are to be pumped to a common pipeline.

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

In order to retain its priority, this application must be returned to the State Engineer, with correc-
tions on or before September 5, 1972.

WITNESS my hand this 5th day of July, 1972.

RECEIVED
JUL 25 1972
STATE ENGINEER
SALEM, OREGON

CHRIS L. WHEELER
STATE ENGINEER

By *Trevor Jones*
Trevor Jones ASSISTANT

STATE OF OREGON,
County of Marion, } ss.

PERMIT

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 19.8 cubic feet per second measured at the point of diversion from the well or source of appropriation, or its equivalent in case of rotation with other water users, from 6 wells

The use to which this water is to be applied is Bonneville Fish Hatchery

If for irrigation, this appropriation shall be limited to _____ of one cubic foot per second or its equivalent for each acre irrigated and shall be further limited to a diversion of not to exceed _____ acre feet per acre for each acre irrigated during the irrigation season of each year;

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

The well shall be cased as necessary in accordance with good practice and if the flow is artesian the works shall include proper capping and control valve to prevent the waste of ground water.

The works constructed shall include an air line and pressure gauge or an access port for measuring line, adequate to determine water level elevation in the well at all times.

The permittee shall install and maintain a weir, meter, or other suitable measuring device, and shall keep a complete record of the amount of ground water withdrawn.

The priority date of this permit is May 5, 1972

Actual construction work shall begin on or before September 22, 1973 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1973

Complete application of the water to the proposed use shall be made on or before October 1, 1974

WITNESS my hand this 22nd day of September 1972

Chris L. Wheeler

STATE ENGINEER

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PERMIT
TO APPROPRIATE THE GROUND
WATERS OF THE STATE
OF OREGON

This instrument was first received in the
office of the State Engineer at Salem, Oregon,
on the 5th day of May,
1972, at 11:15 o'clock A. M.

Returned to applicant:

Approved: September 22, 1972

Recorded in book No. _____ of
Ground Water Permits on page G 5001

CHRIS L. WHEELER
STATE ENGINEER

Drainage Basin No. 4 page 40

6300