

CERTIFICATE NO. 19729

* APPLICATION FOR A PERMIT

To Appropriate the Public Waters of the State of Oregon

I, Columbia Metals Corporation
(Name of applicant)
of Seattle, (Post office), County of King,
State of Washington, 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 February 24, 1942 in the County of King, City of Seattle, State of Washington.

1. The source of the proposed appropriation is Willamette River
(Name of stream)
, a tributary of Columbia River

2. The amount of water which the applicant intends to apply to beneficial use is sixteen
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 Process water supply for an
(Irrigation, power, mining, manufacturing, domestic supplies, etc.)
Experimental Alumina Plant; also fire protection supply.

4. The point of diversion is located 850 ft. N. and 1400 ft. W. from the S. W.
(N. or S.) (E. or W.)
corner of Section 11 Tp. 7 S. R. 3 W., W. M.
(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 SW 1/4 SE 1/4 of Sec. 10 T. 7 S. R. 3 W. / within T. 7 S. R. 3 W. of Sec. 10 D. Keizer D. L. C. No. 38
(Give smallest legal subdivision) (N. or S.)
R. 3 West, W. M., in the county of Marion
(E. or W.)

5. The main pipe line to be approximately 5000 feet
(Main ditch, canal or pipe line) (Miles or feet)
in length, terminating in the SW 1/4 SE 1/4 of Sec. 11, Tp. 7 South,
(Smallest legal subdivision) (N. or S.)
R. 3 West, W. M., the proposed location being shown throughout on the accompanying map.
(E. or W.)

(In John Force D. L. C. No. 68)
DESCRIPTION OF WORKS

Diversion Works—

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

(b) Description of headgate _____
(Timber, concrete, etc., number and size of openings)

(c) If water is to be pumped give general description Three - 3000 g.p.m., 220 ft. T. D. H.
(Size and type of pump)
Vertical Deep Well Turbine Type Pumps. 200 H. P., 440 V., 3 phase, 60 cycle drip
(Size and type of engine or motor to be used, total head water is to be lifted, etc.)
proof hollow shaft induction type motors. No suction lift. 220 ft. discharge pressure.
Pumps are stationary.

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

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

Note: Deed description of Plant site property and also of Pipe line right of way to river is attached hereto, also tracing and one blueprint showing location of water intake.

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, ... 5000 ... ft.; size at intake, ... 36" ... in.; size at ... 80 ... ft. from intake ... 24" ... in.; size at place of use ... 24" to 2" ... in.; difference in elevation between intake and place of use, ... 38 ... ft. Is grade uniform? ... Fairly ... Estimated capacity, ... 20 ... sec. ft.

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

Table with 5 columns: Township, Range, Section, Forty-acre Tract, Number Acres To Be Irrigated. Row 1: 7 S, 3 W, 11, SE SE, SW SE, NE SE, NW SE, NE SW, SE SW.

(Being within John Force D. L. C. No. 68)

Alumina Plant - Salem, Oregon Defense Plant Corporation, Plancor 1865 Plant Site Property

A tract of land in the John Force Donation Land Claim in Section 11, Township 7 South, Range 3 West of the Willamette Meridian, Marion County, Oregon, as follows: Beginning at a point on the West line of said John force Donation land Claim 6.919 chains (456.65 feet) Northerly from the Southwest corner of said Donation Land Claim; running thence North 12° 22' West along the West line of said Donation Land Claim 1952.1 feet to a spike; thence North 89° 57' East along the South line of Hicks Jones Sub-division 2938.97 feet to an iron pipe set as the Southeast corner of said Hicks Jones Subdivision, and being on the West line of the right of way of Oregon Electric Railway Co.; thence South 23° 23 1/2' West along said right of way line 1802.15 feet; thence Southerly along said right of way line 200.99 feet on the arc of a curve to the right having a radius of 2834.9 feet, and chord running South 25° 25' 20" West 200.95 feet to a point on the North line of tract of land conveyed by A. N. Bush to Salem Sand And Gravel Co. by deed recorded in Vol. 256, Page 466, Deed Records of Marion County, Oregon thence South 87° 32' west along North line of said tract 1720.80 feet to point of beginning, containing 100.023 acres of land,

(a) Character of soil more or less.

(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 ...

(Yes or No)

(g) If so, name stream and locate point of return ... Willamette River

... 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 None
.....
..... 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, \$ 60,000.00
- 12. Construction work will begin on or before June 1, 1944
- 13. Construction work will be completed on or before September 1, 1944
- 14. The water will be completely applied to the proposed use on or before December 1, 1944

COLUMBIA METALS CORPORATION

(Signature of applicant)

J. O. Gallagher

J. O. Gallagher - President

Signed in the presence of us as witnesses:

(1)
(Name) (Address of witness)

(2)
(Name) (Address of witness)

Remarks: Columbia Metals Corporation in this matter is acting on behalf
of the Defense Plant Corporation, Washington, D. C., Plancor No. 1865.

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, 194.....

WITNESS my hand this day of, 194.....

STATE ENGINEER

Application No. 20283
Permit No. 15823

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 15th day of June
1944, at 9:12 o'clock A. M.

Returned to applicant:

Corrected application received:

Approved:

September 15, 1944

Recorded in book No. 39 of

Permits on page 15823

CHAS. E. STRICKLIN
STATE ENGINEER

Drainage Basin No. 2 Page 64 B

Fees Paid \$25.00

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 16.0 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 Willamette River

The use to which this water is to be applied is Process water supply for an experimental
Alumina Plant; also fire protection supply.

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 15, 1944

Actual construction work shall begin on or before September 15, 1945 and shall
thereafter be prosecuted with reasonable diligence and be completed on or before
October 1, 1946

Complete application of the water to the proposed use shall be made on or before
October 1, 1947

WITNESS my hand this 15th day of September, 1944

CHAS. E. STRICKLIN
STATE ENGINEER