

Permit No. G-4786

APPLICATION FOR A PERMIT

To Appropriate the Ground Waters of the State of Oregon

I, Reynolds Metals Company
(Name of applicant)
of Sun Dial Road - Troutdale, Oregon
(Postoffice Address), county of Multnomah
state of Oregon, 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
State of Delaware

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

tributary of Columbia

2. The amount of water which the applicant intends to apply to beneficial use is 2.3 cubic
feet per second or 1000 gallons per minute.

3. The use to which the water is to be applied is mainly process water for aluminum
reduction plant.

4. The well or other source is located 540 ft. N and 142 ft. E.
(N. or S.) (E. or W.)
corner of Calvin Reed DLC
(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 NW 1/4, SW 1/4 of Sec. 23, Twp. 1N, R. 3E,
W. M., in the county of Multnomah, Oregon

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

6. The name of the well or other works is Well #18

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.

8. The development will consist of one well having a
(Give number of wells, tunnels, etc.)
diameter of 12 inches and an estimated depth of 300 feet. It is estimated that 230
feet of the well will require steel casing. Depth to water table is estimated 18 plus.
(Kind) (Feet)
(Approximately 70' of stainless steel well screen will be used.)

CANAL SYSTEM OR PIPE LINE—

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) 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

Water to be used primarily through NE 1/4 Sec. 23, East half of NW 1/4, Sec. 23, and
12. Location of area to be irrigated, or place of use North half of SE 1/4 Sec. 23.

Township N. or S.	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
1 N	3 E	23	all of NE 1/4	Industrial
"	"	"	E1/2 NW1/4	"
"	"	"	N1/2 SE1/4	"

(If more space required, attach separate sheet)

Character of soil

Kind of crops raised

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

x W.E. Campbell by HZ Shiver
(signature of applicant)

Remarks:

.....
STATE ENGINEER

By 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 2.3 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 a well

The use to which this water is to be applied is industrial (process water for aluminum plant)

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 January 9, 1970

Actual construction work shall begin on or before November 12, 1971 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1972

Complete application of the water to the proposed use shall be made on or before October 1, 1973

WITNESS my hand this 12th day of November, 1970

Chris L. Wheeler

STATE ENGINEER

Application No. G- 5069

Permit No. G- 4786

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 9th day of January,
1970, at 8:00 o'clock A. M.

Returned to applicant:

Approved:

November 12, 1970

Recorded in book No. _____ of
Ground Water Permits on page G 4786

CHRIS L. WHEELER
STATE ENGINEER

Drainage Basin No. 3 page 31