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Permit No. 37537

OCT 14 1974 NOV 18 1974

STATE ENGINEER STATE ENGINEER APPLICATION FOR PERMIT  
SALEM, OREGON SALEM, OREGON

### To Appropriate the Public Waters of the State of Oregon

I, Oregon Steel Mills, Division of Gilmore Steel Corporation  
(Name of applicant)  
of P. O. Box 2760 Portland  
(Mailing address) (City)  
State of Oregon 97208, do hereby make application for a permit to appropriate the  
(Zip Code)

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  
January 13, 1928, State of California

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 13.5  
cubic feet per second single source  
(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 manufacturing  
(Irrigation, power, mining, manufacturing, domestic supplies, etc.)

4. The point of diversion is located 300 ft. N and 380 ft. E from the SW  
(N. or S.) (E. or W.)  
corner of Tax Lot 100 SW 1/4 of the SE 1/4 Section 18, T.1 N., R.1 E.  
(Section or subdivision)  
W.M.

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

#### Single Source

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

being within the Tax Lot 100 SW 1/4 of SE 1/4 of Sec. 18, Tp. 1 N  
(Give smallest legal subdivision) (N. or S.)  
R. 1 E, W. M., in the county of Multnomah  
(E. or W.)

5. The Pipeline to be 650 feet  
(Main ditch, canal or pipe line) (Miles or feet)  
in length, terminating in the Tax Lot 46 NE 1/4 of NW 1/4 19, Tp. 1 N  
(Smallest legal subdivision) (N. or S.)  
R. 1 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 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 4 each - Vertical Turbine  
(Size and type of pump)  
60 H.P., Electric, 1500 GPM Capacity, T.D.H. 170'  
(Size and type of engine or motor to be used, total head water is to be lifted, etc.)  
Suction Lift 30' - Discharge 140', all pumps are stationary.

\* 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.

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, 650 ft.; size at intake, 8 in.; size at ..... 8 ft. from intake ..... 18 in.; size at place of use variable in.; difference in elevation between intake and place of use, 29 ft. Is grade uniform? Yes Estimated capacity, 13.5 cubic sec. ft.

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

Township North or South	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
1 N	1 E	18	SE 1/4 of SW 1/4	48 acres
1 N	1 E	18	SW 1/4 of SE 1/4	Industrial Site
1 N	1 E	19	NW 1/4 of NE 1/4	
1 N	1 E	19	NE 1/4 of NW 1/4	
1 N	1 E	19	SW 1/4 of NE 1/4	

(If more space required, attach separate sheet)

(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  
(Yes or No)

(g) If so, name stream and locate point of return Willamette River  
 Sec. 18, Tp. 1 N, R. 1 E, 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 .....

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, \$.....

12. Construction work will begin on or before ..... Completed

13. Construction work will be completed on or before ..... Completed

14. The water will be completely applied to the proposed use on or before November 1, 1974

Dean L. McCarty  
(Signature of Applicant)  
Environmental Manager

Remarks: See Attached Map

See Attached Legal Description of Property

The water will be used to supply non-contact cooling water for three electric arc furnaces, a gas and oil fired reheat furnace and to supply process cooling water for a steel rolling mill. Approximately ninety percent of the water will be returned to the Willamette River after treatment to control contaminants as required in a joint Federal and State Department of Environmental Quality Waste Discharge Permit No. 1438-J issued on March 19, 1973.

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

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 13.5 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 manufacturing (steel rolling mill)

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

The priority date of this permit is November 18, 1974

Actual construction work shall begin on or before December 5, 1975 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1976.

Complete application of the water to the proposed use shall be made on or before October 1, 1977.

Extended to Oct. 1979

WITNESS my hand this 5th day of December, 1974.

*Chris J. Wheeler*  
STATE ENGINEER

Application No. 52524-5  
Permit No. 37537

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 18th day of November, 1974, at 8:00 o'clock A.M.

Returned to applicant:

Approved:

December 5, 1974

Recorded in book No. of

37537

Permits on page

CHRIS J. WHEELER  
STATE ENGINEER

Drainage Basin No. 3 page 21

Fees