

Permit No. 21988

AMENDED  
No. 27120  
APPLICATION FOR PERMIT

To appropriate the Public Waters of the State of Oregon

HANNA DEVELOPMENT COMPANY  
(Name of applicant)

c/o Koerner, Young, McCulloch & DeZendorf, 800 Pacific Bldg., Portland, Or  
State of Oregon

does 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 April 3, 1945  
Delaware

1. The source of the proposed appropriation is Rail Creek, also known as Rail Gulch, a tributary of Cow Creek

2. The amount of water which the applicant intends to apply to beneficial use is five (5) cubic feet per second. Note: The proposed appropriation from Beatty Creek is abandoned

\*\*3. The use to which the water is to be applied is Fire protection; domestic use; milling and smelting ore.

4. The point of diversion is located N. 19° 15' W. 2100 feet from the section corner common to Sections 20, 21, 28 and 29 in Township 30 S., R. 6 W. W.M.

(If there is more than one point of diversion, each must be described. Use separate sheet if necessary)  
being within the NE 1/4 of SE 1/4 of Sec. 20, Tp. 30 S., R. 6 W., W. M., in the county of Douglas

5. The pipe line to be 6544 feet in length, terminating in the NE 1/4 of NW 1/4 of Sec. 28, Tp. 30 S., R. 6 W., W. M., the proposed location being shown throughout on the accompanying map.

DESCRIPTION OF WORKS

Diversion Works—

6. (a) Height of dam 5 feet, length on top 15 feet, length at bottom 15 feet; material to be used and character of construction concrete

(b) Description of headgate 10" gate valve in pipe line

(c) If water is to be pumped give general description gravity flow

\*A different form of application is provided where storage works are contemplated.  
\*\*Application for permits to appropriate water for the generation of electricity, with the exception of municipalities, must be made to the Hydroelectric Commission. Either of the above forms may be secured, without cost, together with instructions by addressing the State Engineer, Salem, Oregon.

**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, 6544 ft.; size at intake, 10" in.; size at ..... ft. from intake ..... in.; size at place of use 10" in.; difference in elevation between intake and place of use, 340 ft. Is grade uniform? Yes, fairly. Estimated capacity, 5 sec. ft.

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

Township	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
30 S.	6 W.	28	NW $\frac{1}{4}$ of NW $\frac{1}{4}$	
			NE $\frac{1}{4}$ of NW $\frac{1}{4}$	
The plans for construction of employes' dwelling houses have not progressed far enough to state with particularity the 40-acre tract within which they will be situated. In all probability they will be located on either Lot 6 or Lot 7 (NW $\frac{1}{4}$ SW $\frac{1}{4}$ or NE $\frac{1}{4}$ SW $\frac{1}{4}$ ) of said Section 28.				

(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? A portion of the water will be returned  
(Yes or No)

(g) If so, name stream and locate point of return ..... Probably in Section 33

....., Sec. 33, Tp. 30 S., R. 6 W., 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 ..... Nickel mines

Municipal or Domestic Supply

10. (a) To supply the city of \_\_\_\_\_  
\_\_\_\_\_ County, having a present population of \_\_\_\_\_  
and an estimated population of \_\_\_\_\_ in 19\_\_\_\_\_

(b) If for domestic use state number of families to be supplied - estimated at 75  
(Number includes H, V, R, and M in all cases)

- 11. Estimated cost of proposed works, \$ 30,000.00
- 12. Construction work will begin on or before July 15, 1953
- 13. Construction work will be completed on or before July 15, 1954
- 14. The water will be completely applied to the proposed use on or before July 15, 1954

HANNA DEVELOPMENT COMPANY  
(Signature of applicant)

By Frank P. McCallister  
Agent and Attorney

Remarks: This amended application should be considered jointly with Amended Application No. 26675 relating to appropriation of 5 cfs. from Cow Creek. The total maximum requirement for use in smelting and for domestic supply and fire protection is 5 cfs. Rail Gulch is not as dependable a source of supply as Cow Creek, the latter flowing perennially, while the former sometimes goes below <sup>one second foot.</sup> The primary source of supply is Rail Gulch and water will only be taken from Cow Creek under Amended Application No. 26675 when, and to the extent, that the Rail Gulch supply is inadequate. It is not the intention of the applicant to use more than 5 cfs. at any one time from both sources.

The map attached hereto shows both pipe lines,

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 \_\_\_\_\_

PERMIT

STATE OF OREGON,

County of Marion,

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 5.0 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 Rail Creek also known as Rail Gulch

The use to which this water is to be applied is fire protection, domestic use, milling and smelting ore

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 April 30, 1952

Actual construction work shall begin on or before June 30, 1954 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1955

Complete application of the water to the proposed use shall be made on or before October 1, 1956

WITNESS my hand this 30th day of June 19 53

Chas. E. Stricklin STATE ENGINEER

Permits for power development are subject to the payment of annual fees as provided in sections 1 and 2, chapter 74, Oregon Laws 1923.

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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 30th day of April, 1952, at 1:15 o'clock A. M.

Returned to applicant:

Corrected application received:

Approved:

June 30, 1953 of
Recorded in book No. 55
Permits on page 2195

CHAS. E. STRICKLIN STATE ENGINEER

Drainage Basin No. 16 Page 12A

Fees Paid 28.00