

Permit No. 21957

AMENDED No. 26675 APPLICATION FOR PERMIT

To appropriate the Public Waters of the State of Oregon

I, HANNA DEVELOPMENT COMPANY

(Name of applicant)

of c/c Koerner, Young, McCulloch & Dazendorf, 800 Pacific Bldg., Portland, Ore 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 Cow Creek

(Name of stream)

Note: The appropriation from South Umpqua River is abandoned. a tributary of South Umpqua River

2. The amount of water which the applicant intends to apply to beneficial use is 5

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 fire protection; domestic; milling and smelting ore. (Irrigation, power, mining, manufacturing, domestic supplies, etc.)

766c

4. The point of diversion is located 2450 ft. S. 73° 35' E from the section

(N. or S.)

(E. or W.)

corner common to Sections 28, 29, 32 and 33 in Township 30 South, Range 6 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 NE 1/4 of NW 1/4 of Sec. 33, Tp. 30 S., R. 6 W., W. M., in the county of Douglas

(Give smallest legal subdivision)

(N. or S.)

5. The pipe line to be 6089 feet

(Main ditch, canal or pipe line)

(Miles or 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—

No 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 No headgate

(Timber, concrete, etc. number and size of openings)

(c) If water is to be pumped give general description three electrically driven multi-stage, vertical turbine pumps, capacity 1.67 cfs each; and one multi-stage vertical type pump, capacity 3.33 cfs to be driven by internal combustion engine and used as standby for electrically driven pumps

(Size and type of pump)

(Size and type of engine or motor to be used, total head water to be lifted, etc.)

*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, 5089 ft.; size at intake, 12 in.; size at ft. from intake in.; size at place of use 12 in.; difference in elevation between intake and place of use, 230 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 $\frac{1}{4}$ NW $\frac{1}{4}$	
			NE $\frac{1}{4}$ 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? Yes, a portion 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 ... probably 75

(Answer questions 11, 12, 13, and 14 in detail)

- 11. Estimated cost of proposed works, \$ 65,000
- 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 C. W. Collock
Agent and Attorney

Remarks: This amended application should be considered jointly with amended application No. 27120 relating to appropriation of 5 cfs. from Rail Gulch. The total maximum requirement for use in smelting and for domestic supply and fire protection is 5 cfs. Rail Gulch is not as dependable source of supply as Cow Creek, the latter flowing perennially while the former sometimes goes below one second foot. The primary source of supply is Rail Gulch and water will only be taken from Cow Creek under this 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 pipelines.

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

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 Cox Crank

The use to which this water is to be applied is supplemental 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 November 28, 1951

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 1953

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.

Application No. 26675

Permit No. 21987

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 28th day of November

1951, at 8:00 o'clock A. M.

Returned to applicant:

Corrected application received:

Approved:

June 30, 1953

Recorded in book No. 55 of

Permits on page 2198

CHAS. E. STRICKLIN STATE ENGINEER

Drainage Basin No. 16 Page 8:30C

Fees Paid 28.00