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STATE ENGINEER
SALEM OREGON

CERTIFICATE NO. 42621

Permit No. G- G 4214

APPLICATION FOR A PERMIT

To appropriate the Ground Waters of the State of Oregon

I, HANNA NICKEL SMELTING COMPANY

(Name of applicant)

of P. O. Box 85, Riddle, Oregon 97469, county of Douglas

(Postoffice Address)

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

Incorporated January 15, 1953, under laws of State of Delaware

1. Give name of nearest stream to which the well, tunnel or other source of water development is situated Rail Creek

(Name of stream)

tributary of Cow Creek

2. The amount of water which the applicant intends to apply to beneficial use is 3.4 cubic feet per second or 1526 gallons per minute.

3. The use to which the water is to be applied is fire protection, milling and smelting ore in the event that Cow Creek water right, Permit No. 21987 is curtailed.

4. The well or other source is located 600 ft. N and 5390 ft. E from the SW corner of Section 29, T30S, R6W from which a 24-inch perforated pipe runs 750 ft. N88°W and 750 ft. S88°E (Tie: N83°45'E 5,422 ft.)

(N. or S.)

(E. or W.)

(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 SE 1/4, SE 1/4 of Sec. 29, Twp. 30S, R. 6W and SW 1/4, SW 1/4 of Sec. 28, T30S, R6W, W. M., in the county of Douglas

5. The pipe line to be 0.30 miles in length, terminating in the NW 1/4, NW 1/4 of Sec. 28, Twp. 30S, R. 6W, W. M., the proposed location being shown throughout on the accompanying map.

(Canal or pipe line)

(Smallest legal subdivision)

6. The name of the well or other works is Emergency Well - Standby

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 and 1500 ft. of 24" perf. pipe having a well diameter of 70 feet and an estimated depth of 20 feet. It is estimated that None feet of the well will require casing. Depth to water table is estimated 2 ft. below surface at time of application June, 1968.

(Give number of wells, tunnels, etc.)

(Kind)

(Feet)

CANAL SYSTEM OR PIPE LINE—

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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, 1600 ft.; size at intake 12 in.; in size at ft. from intake in.; size at place of use 12 in.; difference in elevation between intake and place of use, 125 ft. Is grade uniform? No Estimated capacity, 3.4 sec. ft.

10. If pumps are to be used, give size and type 2 pumps - Worthington 5CNE140 11-7/8" Impeller

Give horsepower and type of motor or engine to be used 50 hp General Electric Model 5K1444HR2

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

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

Township N. or S.	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
30S	6W	28	NW 1/4, NW 1/4	
30S	6W	28	NE 1/4, NW 1/4	
30S	6W	28	SW 1/4, NW 1/4	
30S	6W	28	NW 1/4, SW 1/4	
30S	6W	28	NE 1/4, SW 1/4	
30S	6W	29	NE 1/4, NE 1/4	
30S	6W	29	SE 1/4, NE 1/4	
30S	6W	29	NE 1/4, SE 1/4	

(If more space required, attach separate sheet)

Character of soil

Kind of crops raised

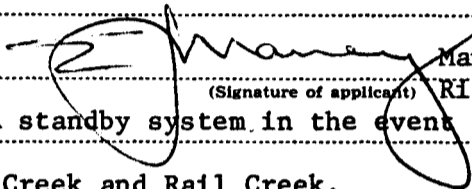
MUNICIPAL SUPPLY—

13. To supply the city of
in county, having a present population of
and an estimated population of in 19.....

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

- 14. Estimated cost of proposed works, \$..... 15,000
- 15. Construction work will begin on or before July 8, 1968
- 16. Construction work will be completed on or before November 1, 1968
- 17. The water will be completely applied to the proposed use on or before November 1, 1968

18. If the ground water supply is supplemental to an existing water supply, identify any application for permit, permit, certificate or adjudicated right to appropriate water, made or held by the applicant. Permit No. 21987 and No. 21988


 Manager -
 (Signature of applicant) Riddle Operations

Remarks: This well is to be used as a standby system in the event that sufficient water is not available from Cow Creek and Rail Creek.

The description of the properties to be served may be found under Permit No. 21987 and Permit No. 21988.

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

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 3.4 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 sump well and perforated buried pipe

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

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; Further limited to appropriation of water only to the extent that it does not impair or substantially interfere with existing surface water rights of others

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 July 1, 1968

Actual construction work shall begin on or before February 24, 1970 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1970

Complete application of the water to the proposed use shall be made on or before October 1, 1971

WITNESS my hand this 24th day of February, 1969.

Chris L. Wheeler

STATE ENGINEER

pc

Application No. G- 4472
Permit No. G- G 4214

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 1st day of July
1968, at 1:00 o'clock P. M.

Returned to applicant:

Approved:

February 24, 1969

Recorded in book No. _____ of _____

Ground Water Permits on page G 4214

CHRIS L. WHEELER
STATE ENGINEER

Drainage Basin No. 16 page 39

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