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STATE ENGINEER
SALEM, OREGON

10 State Engr.

CERTIFICATE NO. 41302

Permit No. G-4528

APPLICATION FOR A PERMIT

To Appropriate the Ground Waters of the State of Oregon

I, City of Cascade Locks, Oregon
(Name of applicant)
of Municipal Building, Cascade Locks, Oregon, county of Hood River,
(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

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

Herman Creek tributary of Columbia River

2. The amount of water which the applicant intends to apply to beneficial use is 0.78 cubic feet per second or 350 gallons per minute.

3. The use to which the water is to be applied is municipal

production

4. The well or other source is located 1815 ft. N. and 670 ft. W. from the S.E. corner of Section 6; the test well is located 1735 feet N. and 670 feet W. from the S.E. corner of Section 6; both
(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 N.E. 1/4 of the S.E. 1/4 of Sec. 6, Twp. 2N, R. 8E, W. M., in the county of Hood River

5. The pipeline distribution system to be 3 miles
(Canal or pipe line)
in length, terminating in the S.E. 1/4 of N.E. 1/4 of Sec. 14, Twp. 2N, R. 7E, W. M., the proposed location being shown throughout on the accompanying map.
(Smallest legal subdivision)

6. The name of the well or other works is City Well #1

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 2 wells A: Production well B: Test well having a diameter of 8 inches and an estimated depth of 100-150 feet. It is estimated that all feet of the well will require steel casing. Depth to water table is estimated 60 feet.
(Kind) (Feet)

CANAL SYSTEM OR PIPE LINE—

G 4528

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, 15,000± ft.; size at intake 8 in.; in size at 10,000± ft. from intake variable in.; size at place of use variable in.; difference in elevation between intake and place of use, variable ft. Is grade uniform? no Estimated capacity, variable sec. ft. Water conveyed through city distribution system.

10. If pumps are to be used, give size and type one vertical turbine - 350 gpm at 385 feet total head (production well only).

Give horsepower and type of motor or engine to be used 50 hp electric motor

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

Columbia River - 700' ± North at elev. 70± msl.

Herman Creek - 300' ± East at elev. 70± msl.

Well site at elevation 130 ±, storage reservoirs at elevation 363±

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

| Township N. or S. | Range E. or W. of Willamette Meridian | Section | Subdivision <small>Forty-acre Tract</small> | Number Acres To Be Irrigated |
|----------------------|---|---------|--|---------------------------------|
| 2N | 7E | 14 | SE1/4 of NE1/4 | all |
| | | 13 | NW1/4 | all |
| | | 12 | all | all |
| | | 1 | SE1/4 of SE1/4 | all |
| 2N | 8E | 6 | S1/2 | all |
| | | 7 | N1/2 & SW1/4 | all |
| | | 8 | NW1/4 | all |
| | | 5 | all | all |

Intent is to include all area within existing and future City of Cascade Locks water system service area.

(If more space required, attach separate sheet)

Character of soil

Kind of crops raised

13. To supply the city of Cascade Locks in Hood River county, having a present population of 1000± and an estimated population of 2000± in 1980...

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

- 14. Estimated cost of proposed works, \$190,000 (total water system improvements)
15. Construction work will begin on or before January 1969
16. Construction work will be completed on or before January 1970
17. The water will be completely applied to the proposed use on or before October 1970
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. Existing supply from Dry Creek under: 1) Water Right No. 12131 (File No. 16148) for 2 cfs, 1935 priority; 2) Permit No. 18134 (File No. 22996) for 10 cfs, 1948 priority.

Signature of Ronald L. Rombalski, City Manager

By Ronald L. Rombalski, City Manager

Remarks:

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 0.78 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 municipal

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 March 5, 1969

Actual construction work shall begin on or before December 17, 1970 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1971

Complete application of the water to the proposed use shall be made on or before October 1, 1972

WITNESS my hand this 17th day of December, 1969

Chris L. Wheeler

STATE ENGINEER

Application No. G- 4803

Permit No. G- 4528

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 5th day of March,
1969, at 8:00 o'clock A. M.

Returned to applicant:

Approved:

December 17, 1969

Recorded in book No. G-4528 of

Ground Water Permits on page G 4528

CHRIS L. WHEELER
STATE ENGINEER

Drainage Basin No. 4 page 40

PC
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