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STATE ENGINEER
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SALEM, OREGON

45304

Permit No. G-5132

APPLICATION FOR A PERMIT

To appropriate the Ground Waters of the State of Oregon

I, Rainbow Water District
(Name of applicant)
of P.O. Box 8, Springfield, Oregon, county of Lane
(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

Municipal Corporation

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

tributary of Willamette River

2. The amount of water which the applicant intends to apply to beneficial use is 900 cubic
feet per second or 900 gallons per minute.

3. The use to which the water is to be applied is Municipal Domestic Supply
S.P.L.Y.

4. The well or other source is located 1780 ft. N and 1980 ft. W from the SE
(N. or S.) (E. or W.)
corner of Section 23, Township 17, South, Range 3 West of the
(Section or subdivision)

Willamette Meridian
(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 Northwest 1/4 Southeast 1/4 of Sec. 23, Twp. 17 S., R. 3W,
W. M., in the county of Lane

5. The Pipeline supplies the distribution ~~to be~~ xxxx
system of the area (area pipe line)
~~xxxxxx~~ xxxxxx (Smallest legal subdivision) of Sec, Twp xxxx,
R. xxxx, W. M., the proposed location being shown throughout on the accompanying map.

6. The name of the well or other works is Chase Well #4

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 having a
(Give number of wells, tunnels, etc.)
diameter of 24 inches and an estimated depth of 220 feet. It is estimated that 40
feet of the well will require Steel casing. Depth to water table is estimated two
(Kind) (Feet)
feet above the ground surface.

*Note: The well has 180 feet of Johnson Irrigator Screen with 5" gravel pack around same.

CANAL SYSTEM OR PIPE LINE—

G 5132

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, ft.; size at intake in.; in size at ft. from intake in.; size at place of use in.; difference in elevation between intake and place of use, ft. Is grade uniform? Estimated capacity, sec. ft.

10. If pumps are to be used, give size and type A turbine type pump is proposed which will produce 900 gpm against a 350 feet total dynamic head.

Give horsepower and type of motor or engine to be used
100 horsepower electric motot

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

The well is approximately 35 feet South at the South river bank of the McKenzie River. The ground surface is relatively flat. The low river level is approximately 15 feet below natural ground level.

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
17 South	2 West	19 & 30	A11	Domestic Service
17 South	3 West	22 & 27	A11	Domestic Service
17 South	3 West	34	A11	Domestic Service

(If more space required, attach separate sheet)

Character of soil

Kind of crops raised
2133

MUNICIPAL SUPPLY—

13. To supply the city of Rainbow Water District
in Lane county, having a present population of 10,000
and an estimated population of in 19.....

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

- 14. Estimated cost of proposed works, \$ 22,500.00
- 15. Construction work will begin on or before completed
- 16. Construction work will be completed on or before
- 17. The water will be completely applied to the proposed use on or before August 15, 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. This well is required to meet area growth demands and is for service in the same area as permit G4709.

Larry Plummer
(Signature of applicant)

Remarks:

It is requested that the map for permit G-4709 be used for this application. The two attached maps are to show the well site and general area service by all utilities.

The well was drilled as a stand-by measure with a pump to be installed next year, but due to the emergency conditions of the water system it was necessary to install pump this year to meet demands of same.

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 2.0 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 Well No. 4

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 September 1, 1970

Actual construction work shall begin on or before March 15, 1974 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1974

Complete application of the water to the proposed use shall be made on or before October 1, 1975

WITNESS my hand this 15th day of March, 1973

STATE ENGINEER

Application No. G-5301
Permit No. G-5132

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 15th day of September, 1970, at 8:00 o'clock A.M.

Returned to applicant:

Approved:

March 15, 1973

Recorded in book No. of G 5132
Ground Water Permits on page

CHRIS L. WHEELER
STATE ENGINEER
Drainage Basin No. 2 page 119

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