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STATE ENGINEER
SALEM, OREGON

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Permit No. G-5638

CERTIFICATE NO. 46491

APPLICATION FOR A PERMIT

To Appropriate the Ground Waters of the State of Oregon

I, City of Portland (Name of applicant)

of 1220 S.W. 5th Ave., Portland, Oregon, county of Multnomah (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 Columbia Slough (Name of stream)

tributary of Willamette River

2. The amount of water which the applicant intends to apply to beneficial use is 3.6 cubic feet per second or 1600 gallons per minute.

3. The use to which the water is to be applied is (See remarks)

4. The well or other source is located 2,385 ft. N. and 1,260 ft. E. from the S.W. corner of Section 5 (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 Northwest Quarter of SW Quarter of Sec. 5, Twp. 1 N., R. 1 E., W. M., in the county of Multnomah

5. The (Canal or pipe line) to be miles in length, terminating in the (Smallest legal subdivision) of Sec. , Twp. , R. , W. M., the proposed location being shown throughout on the accompanying map.

6. The name of the well or other works is Columbia Blvd. Sewage Treatment Plant Well No. 2

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 (Give number of wells, tunnels, etc.) having a diameter of 16 inches and an estimated depth of 90 feet. It is estimated that 90 feet of the well will require steel (Kind) casing. Depth to water table is estimated 60 (Feet)

Permit No. G- G 5678

APPLICATION FOR A PERMIT

TO APPROPRIATE THE GROUND WATERS OF THE STATE OF OREGON

2. The amount of water which the applicant intends to apply to beneficial use is..
2 cubic feet per second or 900 gallons per minute.
4. The well or other source is located 2,045 feet N. and 1076 feet E. from the
S.W. corner of Section 5 being within the Northwest quarter of the Southwest
quarter of Section 5, Twp. 1 N, R. 1 E., W.M., in the county of Multnomah.
6. The name of the well or other works is Columbia Blvd. Sewage Treatment Plant
Well No. 1.

DESCRIPTION OF WORKS

8. The development will consist of one
(Give number of wells, tunnels, etc.)
having a diameter of 12 inches and an estimated depth of 95 feet. It is esti-
mated that 95 feet of the well will require steel casing. Depth to water
table is estimated 60 feet.
10. If pumps are to be used, give size and type 900 GPM Vertical Turbine Pump at
80 feet T.D.H.
Give horsepower and type of motor or engine to be used 20 H.P. electric motor.
12. Location of area to be irrigated, or place of use Twp. 1N, R 1E., Section 5,
Northwest Quarter of Southwest Quarter.
14. Estimated cost of proposed works \$5,000.
15. Construction work will begin on or before 1951.
16. Construction work will be completed on or before 1951.
17. The water will be completely applied to the proposed use on or before 1951.

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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, \$ 13,000
- 15. Construction work will begin on or before May 1, 1972
- 16. Construction work will be completed on or before May 19, 1972
- 17. The water will be completely applied to the proposed use on or before January 1, 1974
- 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. We have an existing well that was constructed in 1951. 12-inch casing, 95 ft. deep, 20 H.P., Vertical Turbine Pump, 900 GPM @ 80 ft. T.D.H.

James L. Apperson
(Signature of applicant)
James L. Apperson, City Engineer

Remarks:

The well water will be used for continuous water sprays on the surface of the aeration tanks and for machinery water seals. It will also supplement the existing well water system and the secondary effluent wash water system. The well water system is protected from the wash water system by double check valves. There is no connection between this system and the City water system.

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 5.6 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 #1 and #2 being 2.0 cfs from Well #1 and 3.6 cfs from Well #2

The use to which this water is to be applied is sewage treatment plant

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 November 2, 1972

Actual construction work shall begin on or before March 21, 1976 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1976

Complete application of the water to the proposed use shall be made on or before October 1, 1977

WITNESS my hand this 21st day of March, 1975

Chris L. Wheeler
STATE ENGINEER

Application No. G- 5933
Permit No. G- 5638

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 2nd day of November 1972, at 11:15 o'clock A. M.

Returned to applicant:

Approved:
March 21, 1975
Recorded in book No. G 5638
of Ground Water Permits on page

CHRIS L. WHEELER
STATE ENGINEER
Drainage Basin No. 3 page 32