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CIVIL ENGINEER

Refer Correspondence to:
W. J. Dorner
Consulting Engineer
429 SW Fourth Ave.
Portland, Oregon 97204

Permit No. G-.....G 3182
APPLICATION FOR A PERMIT

To Appropriate the Ground Waters of the State of Oregon

I, Mr. J. A. Mahaney, Chairman, Rivergrove Water District,
(Name of applicant)
of 5240 SW Kenny Rd., Lake Oswego, county of Clackamas,
(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

Rivergrove Water District, AMunicipal Corporation, May 17, 1957

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

tributary of Willamette River

2. The amount of water which the applicant intends to apply to beneficial use is 3.0 cubic feet per second or 1,350 gallons per minute. Well no. 1, 2.0 cfs or 900 gpm
Well No. 2, 1.0 cfs or 450 gpm

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

for domestic and fire protection on municipal water system

4. The well or other source is located _____ ft. _____ and _____ ft. _____ from the _____ corner of _____
(N. or S.) (E. or W.)
(Section or subdivision)

Well No. 1: 690 ft S & 1,105 ft E of NW Cor., Sec. 20, T2S, R1E, WM.
(If preferable, give distance and bearing to section corner)

Well No. 2: ⁷⁰⁴ ft S & ²¹⁴¹ ft E of NW Cor., Sec. 20, T2S, R1E, WM.
(If there is more than one well, each must be described. Use separate sheet if necessary)

being within the #1 NW NW & #2 NW NE of Sec. 20, Twp. 2S, R. 1E, W. M., in the county of Clackamas

5. The pipeline to be adequate for demand. to be _____ miles
(Canal or pipe line)
in length, terminating in the _____ of Sec. _____, Twp. _____,
(Smallest legal subdivision)

R. _____, W. M., the proposed location being shown throughout on the accompanying map.

Rivergrove Water District Well No. 1

6. The name of the well or other works is Rivergrove Water District 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.

Not applicable

8. The development will consist of Well No. 1, existing, & Well No. 2, proposed, both
(Give number of wells, tunnels, etc.)
diameter of 12 inches and an estimated depth of 210 feet. It is estimated that 210 feet of the well will require steel casing. Depth to water table is estimated 20
(Kind) (Feet)

It is assumed that the proposed Well No. 2 will be identical to Well No. 1

CANAL SYSTEM OR PIPE LINE— Distribution to be adequate for load.

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 Well No. 1, 750 gpm, 9 Stage 10CC, Well No. 2, 325 gpm, 9 Stage 8AC

Give horsepower and type of motor or engine to be used Well No. 1, 60 HP Electric, Well No. 2, 25 HP Electric

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
Approximately 900 feet from Lake Oswego Canal and 20 ft above.

12. Location of areas to be irrigated, or place of use for domestic and fire protection

Township N. or S.	Range E. or W. of Willamette Meridian	Section	XXXXXXXXXXXXX	Number Acres To Be Irrigated
Clackamas County:				Domestic and Fire Protection
2S	1E	17	SE 1/4 of SW 1/4 SW 1/4 of SW 1/4	"
2S	1E	18	SE 1/4 SW 1/4	"
			SW 1/4 of NE 1/4 SE 1/4 of NW 1/4	"
2S	1E	19	SW 1/4 of NW 1/4	"
2S	1E	20	All	"
Washington County:				
2S	1W	13	SE 1/4 of NE 1/4 NE 1/4 of SE 1/4	"
2S	1W	24	SE 1/4 of SE 1/4 NE 1/4 of NE 1/4 SE 1/4 of NE 1/4 NE 1/4 of SE 1/4 SE 1/4 of SE 1/4	"
Area Added 8/24/66 Clackamas County				
2S	1E	21	SW 1/4 of SW 1/4 NW 1/4 of SW 1/4	"

(If more space required, attach separate sheet)

Character of soil

Kind of crops raised

MUNICIPAL SUPPLY—

G 3182

13. To supply the city of Rivergrove Water District in Clackamas county, having a present population of 1,860 in 1965 and an estimated population of 6,000 to 10,000 in 1975

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

14. Estimated cost of proposed works, \$ 14,000 for Well No. 2

15. Construction work will begin on or before Sept. 15, 1966

16. Construction work will be completed on or before Dec. 15, 1966

17. The water will be completely applied to the proposed use on or before Unknown

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. Well No. 1 is on Permit No. G-1196 (File G-1349)

J. A. Mahoney (Signature of applicant)

Remarks: This application consists of a request of 1.0 cfs for a New Well No. 2 and an increase to 2.0 cfs for the existing Well No 1. Since both wells will be some 650 feet apart, it is presumed that they both are from the same underground source. The primary purpose of this application for Well No. 2 is to provide standby facilities for source protection due to pump or power failure. In any event, both wells will alternate during normal demand and supplement each other during periods of high domestic load or fire requirements.

The supplemental submission is for a change in location of Well No. 2, and a change in the area to be served, both indicated by ink additions to this form and revisions to the attached Drawing No. 66-3-1, revised 8/24/66.

STATE OF OREGON, } ss. County of Marion,

This is to certify that I have examined the foregoing application, together with the accompanying maps and data, and return the same for completion

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before May 31, 1966.

WITNESS my hand this 28th day of March, 1966

RECEIVED STATE ENGINEER BY STATE OF OREGON

CHRIS L. WHEELER STATE ENGINEER Gary W. Johnson 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 3.0 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 two wells being 2.0 cfs from well #1 and 1.0 cfs from well #2

The use to which this water is to be applied is domestic and fire protection for municipal water system

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 August 29, 1966

Actual construction work shall begin on or before January 18, 1968 and shall

thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1968

Extended to Oct. 1 1970 Extended to Oct. 1985 Extended to October 1, 1990 Extended to Oct. 1, 1970

Complete application of the water to the proposed use shall be made on or before October 1, 1969

Extended to Oct. 1 1970 Extended to Oct. 1985 Extended to October 1, 1990 Extended to Oct. 1, 1970

WITNESS my hand this 18th day of January, 1967

Chris L. Hubler

STATE ENGINEER

BC Extended to 10-1-95, 10-1-2000

Application No. G-3387
Permit No. G-3182

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 16th day of February, 1966, at 8:00 o'clock A. M.

Returned to applicant:

Approved:

January 18, 1967

Recorded in book No. _____ of _____

Ground Water Permits on page G-3182

CHRIS L. HUBLER
STATE ENGINEER

Drainage Basin No. 2 page 97D

State Printing

PC