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FEB 28 1977

WATER RESOURCES DEPT
SALEM, OREGON

Permit No. G- 7724

APPLICATION FOR A PERMIT

To Appropriate the Ground Waters of the State of Oregon

I, City of Cottage Grove, Oregon
(Name of applicant)
of City Hall, Cottage Grove, 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
City of Cottage Grove, Oregon, a municipal corporation since 1896

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

2. The amount of water which the applicant intends to apply to beneficial use is 3.1 cubic feet per second or 1400 gallons per minute.

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

4. The well or other source is located 920 ft. South and 60 ft. West from the NE corner of Section 34, T. 20 S., R. 3 W., W.M. (Section corner bears N 30° 47' E 920' from well)
(Section or subdivision)
Well caison is located North 784,580 feet and East 1,332,735 feet, Oregon Grid Coordinate System.
(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 NE 1/4 NE 1/4 of Sec. 34, Twp. 20 S., R. 3 W., W. M., in the county of Lane

5. The pipeline (Canal or pipe line) to be 1.04 miles in length, terminating in the SW 1/4 SW 1/4 of Sec. 27, Twp. 20 S., R. 3 W., W. M., the proposed location being shown throughout on the accompanying map.

6. The name of the well or other works is Ground Water Well - Row River Source

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 artesian

8. The development will consist of one well (Give number of wells, tunnels, etc.) having a diameter of 96 inches and an estimated depth of 24 feet. It is estimated that feet of the well will require casing. Depth to water table is estimated 7 (Feet)

CANAL SYSTEM OR PIPE LINE—

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, 5700 ft.; size at intake 12 in.; in size at 565 ft. from intake 18 in.; size at place of use 18 in.; difference in elevation between intake and place of use, 205 ft. Is grade uniform? No Estimated capacity, 9.2 sec. ft.

10. If pumps are to be used, give size and type One 1400 gpm vertical turbine pump to chlorination basin (from this well)-Four 1050 gpm vertical turbine pumps from there to reservoir.

Give horsepower and type of motor or engine to be used One 20 HP Electric Motor (440 V) and Four 75 HP Electric Motors (440V., 3ph.)

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 Caision located 1100 feet from Row River. Natural water surface approximately same as low river water level.

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

Table with 5 columns: Township N. or S., Range E. or W. of Willamette Meridian, Section, Forty-acre Tract, Number Acres To Be Irrigated. Includes the text 'SEE ATTACHED SHEET' in the center.

(If more space required, attach separate sheet)

Character of soil

Kind of crops raised

TOWNSHIP	RANGE	SECTION	FORTY-ACRE TRACT	TOWNSHIP	RANGE	SECTION	FORTY-ACRE TRACT					
20 S	2 W	30	SW $\frac{1}{4}$ SW $\frac{1}{4}$	20 S	3 W	29	All SW $\frac{1}{4}$ All SE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$					
		31	NW $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$			28	All Sec. 28					
		32	SW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$			27	All Sec. 27					
			31			NW $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$	31	NW $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$				
						32	All Sec. 32	32	All Sec. 32			
							33	All Sec. 33	33	All Sec. 33		
			21 S			2 W	5	NW $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$	21 S	3 W	4	All NW $\frac{1}{4}$
								5			All NE $\frac{1}{4}$ All SE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$	
		20 S						3 W			20	SE $\frac{1}{4}$ SE $\frac{1}{4}$
		21	SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$			21	20					
			22						SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$			
									30	NE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$		
25	S $\frac{1}{2}$ SW $\frac{1}{4}$ S $\frac{1}{2}$ SE $\frac{1}{4}$	20 S	3 W	20	SE $\frac{1}{4}$ SE $\frac{1}{4}$							
26	S $\frac{1}{2}$ SW $\frac{1}{4}$											
35	All N $\frac{1}{2}$											
36	N $\frac{1}{2}$ NE $\frac{1}{4}$ All NW $\frac{1}{4}$											
34	NE $\frac{1}{4}$ N $\frac{1}{2}$ NW $\frac{1}{4}$											

RECEIVED

CL 1-1977

WATER RESOURCES DEPT
SALEM, OREGON

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CL 1-1977

Application No. G-7813
Permit No. G 7724

WATER RESOURCES DEPT
SALEM, OREGON

MUNICIPAL SUPPLY—

13. To supply the city of Cottage Grove, Oregon in Lane county, having a present population of 6902 and an estimated population of 13,400 in 19.95.

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

- 14. Estimated cost of proposed works, \$ 50,000
15. Construction work will begin on or before March 1, 1977
16. Construction work will be completed on or before June 1, 1977
17. The water will be completely applied to the proposed use on or before June 1, 1977

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. 6 cfs (3.9 MGD) Layng Creek 1909 - 4 cfs Dinner Creek 1925 - 4 cfs Prather Creek 1928 - 4.5 cfs Coast Fork Willamette River 1928 - 1cfs Silk Creek 1934

Signature of applicant: Roger L. Sinker, CITY ENGR.

Remarks:

The collector consists of 600 feet of 18-inch diameter perforated pipe laid horizontally approximately 20-feet below ground surface, and 5 feet below the low water table. The open end is connected to an 8-foot diameter vertical caisson extending up to above maximum flood level. The pump base is mounted on a concrete slab atop the caisson.

This water is pumped to a 24x50'x10' concrete chlorination basin. After chlorination, the water is pumped through the pipeline to the City reservoir.

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 correction.

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before June 13, 19.77

December 5 1977
WITNESS my hand this 13th day of April, 19.77.

RECEIVED OCT 17 1977 WATER RESOURCES DEPT SALEM, OREGON

October 1977
James E. Sexson, Director
By Vestal R. Garner 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 3.1 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 and horizontal collector.

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 22, 1977

Actual construction work shall begin on or before January 20, 1979 and shall

thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1979

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

Complete application of the water to the proposed use shall be made on or before October 1, 1980

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

WITNESS my hand this 20th day of January, 1978.

James B. Skerwin
Water Resources Director

XXXXXXXXXXXXXXXX

Application No. G- 7813
Permit No. G- 7724

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 23 day of February,
1977, at 8 o'clock P. M.

Returned to applicant:

Approved:

Recorded in book No. _____ of _____
Ground Water Permits on page _____

STATE ENGINEER

Drainage Basin No. 2 page 154

AKC