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JUL 29 1968
STATE ENGINEER
SALEM, OREGON

Permit No. G- G 4259

APPLICATION FOR A PERMIT

CERTIFICATE NO. 38298

To Appropriate the Ground Waters of the State of Oregon

I, Robert W. Ruby, Clerk , School District #115, Gladstone
(Name of applicant)
of P.O.Box 165, Gladstone, Oregon 97027, 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

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

2. The amount of water which the applicant intends to apply to beneficial use is (See remarks "B".) cubic feet per second or ..... gallons per minute.

3. The use to which the water is to be applied is A. source supply for heat pump heating and cooling:Estimated @ 50,000 gallons per day B. Summer irrigation: Estimated @ maximun use, June 15 through Sept. 15 @ 120,000 gallons per day,depending on weather.

4. The well or other source is located 215 ft. North (N. or S.) and 25 ft. West (E. or W.) from the S.E. corner of High School property facing Harvard Avenue, Fendal Cason DLC,Sec.20,T2S,R2E,WM.
(Section or subdivision)
(OR: 1163 feet S.66° 17'E. from most Westerly corner of the F.Cason DLC,Sec.20,T2S,R2E,WM.)
(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 Fendal C.Cason DLC #50 of Sec. 20, Twp. 2S, R. 2E, W. M., in the county of Clackamas.

5. The irrigation pipe (Canal or pipe line) to be 1,000 feet ~~miles~~ in length, terminating in the Tax Lot 5, Meldrum Plat (Smallest legal subdivision) of Sec. 20, Twp. 2S, R. 2E, W. M., the proposed location being shown throughout on the accompanying map.

6. The name of the well or other works is . Gladstone High School Well.

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 (Give number of wells, tunnels, etc.) having a diameter of 10 inches inches and an estimated depth of 311 feet. It is estimated that 27 feet of the well will require 10 " pipe (Kind) casing. Depth to water table is estimated 79' (Feet) below surface of ground at well site.

CANAL SYSTEM OR PIPE LINE—

G 4259

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) 6 inch pipe feet; width on bottom ..... feet; depth of water ..... feet; grade ..... feet fall per one thousand feet.

(b) At 160 feet ~~miles~~ from headgate: ~~width on top (at water line)~~ to settling tank reservoir ..... feet; width on bottom ..... feet; depth of water ..... feet; grade ..... feet fall per one thousand feet.

(c) Length of pipe, 1,000 ft.; size at ~~intake~~ settling tank in.; in size at 1,000 ft. from intake 4 inches pipe; 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 300 GPM Electric — WELL PUMP

Give horsepower and type of motor or engine to be used 3 stage, 20 hp, submersible 3,500 RPM, 3/phase 60/440 volt.

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

12. Location of area to be irrigated, or place of use Sec.20,T2S,R2E,Fendal C.Cason DLC.

Township N. or S.	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
T2S	R2E	20	NW¼ of NW¼ of Sec. 20	12.49 acres — heat pump
T2S	R2E	20	SW¼ of NW¼ of Sec. 20	3.01 "
T2S	R2E	19	NE¼ of NE¼ of Sec.19	1.80 "
				17.30

\# 10. The data of the irrigation pump is as follows:

a. Berkeley - 10 hp irrigation pump

b. The system is rated @ 200 gpm @ 140 ft. with 60# pressure.

c. The above information from MiVan Company, Portland ,Oregon.

(If more space required, attach separate sheet)

Character of soil Clay

Kind of crops raised Lawn and atletic fields.

MUNICIPAL SUPPLY—

G 4259

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, $2,500.00

15. Construction work will begin on or before June, 1965

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

17. The water will be completely applied to the proposed use on or before Cooling and heating: Sept.6, 1966
Irrigation : June, 1968

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. .....

(City of Gladstone, Oregon, Municipal supply is supplemental.)

Robert W. Ruby
(Signature of applicant)
Robert W. Ruby, Clerk, School District #115
Gladstone, Oregon

Remarks: .....

A six inch pipe for 160 feet from well to a settling reservoir for heating and cooling system, hence for 1,000 feet from settling tank for proposed irrigation system terminating at Tax Lot 5, Meldrum Plat., Section 20, T2S,R2E, WM.

B. Present building heat pump requirements for 400 students is estimated at 50,000 gallond per day, with an estimated 80,000 gpday for 1,000 student building capacity .(Additional space to be built as needed)

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 Completion

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before October 7th, 1968

WITNESS my hand this 7th day of August, 1968

RECEIVED
OCT 7 1968
STATE ENGINEER
SALEM OREGON

CHRIS L. WHEELER
STATE ENGINEER

By Larry 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 0.27 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 irrigation and heat pump being 0.19 cfs for irrigation and 0.08 cfs for heat pump

If for irrigation, this appropriation shall be limited to 1/80th 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 2½ 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 July 29, 1968

Actual construction work shall begin on or before March 19, 1970 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1970

Complete application of the water to the proposed use shall be made on or before October 1, 1971

WITNESS my hand this 19th day of March, 1969.

STATE ENGINEER

Application No. G 4519
Permit No. G 4259

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 29th day of July, 1968, at 8:00 o'clock A M.

Returned to applicant:

Approved:
March 19, 1969

Recorded in book No. of Ground Water Permits on page G 4259

CHRIS L. WHEELER
STATE ENGINEER

Drainage Basin No. 2 page 10.7