

STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

REPORT OF EXAMINATION  
TO APPROPRIATE PUBLIC WATERS OF THE STATE OF WASHINGTON

Surface Water (Issued in accordance with the provisions of Chapter 117, Laws of Washington for 1917, and amendments thereto, and the rules and regulations of the Department of Ecology.)

Ground Water (Issued in accordance with the provisions of Chapter 263, Laws of Washington for 1945, and amendments thereto, and the rules and regulations of the Department of Ecology.)

PRIORITY DATE November 17, 1986	APPLICATION NUMBER G 2-27015	PERMIT NUMBER	CERTIFICATE NUMBER
------------------------------------	---------------------------------	---------------	--------------------

NAME Prairie Ridge Water Co. c/o Robert R. Drohman			
ADDRESS (STREET) 4411 Marvin Road N.E.	(CITY) Olympia	(STATE) Washington	(ZIP CODE) 98506

PUBLIC WATERS TO BE APPROPRIATED

SOURCE 2 wells		
TRIBUTARY OF (IF SURFACE WATERS)		
MAXIMUM CUBIC FEET PER SECOND	MAXIMUM GALLONS PER MINUTE 175	MAXIMUM ACRE-FEET PER YEAR 50
QUANTITY, TYPE OF USE, PERIOD OF USE 50 acre-feet      Community domestic supply      as needed year round (supplemental)      (99 services)		

LOCATION OF DIVERSION/WITHDRAWAL

APPROXIMATE LOCATION OF DIVERSION-WITHDRAWAL Well #1: 1420 feet West & 1140 feet South; Well #2: 1420 feet West & 1240 feet South; Both measured from the Northeast Corner of Section 34.
--

LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION) SE $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$	SECTION 34	TOWNSHIP N. 19	RANGE, (E. OR W.) W.M. 1 W	W.R.I.A. 13	COUNTY Thurston
---	---------------	-------------------	-------------------------------	----------------	--------------------

RECORDED PLATTED PROPERTY

LOT	BLOCK	OF (GIVE NAME OF PLAT OR ADDITION)
-----	-------	------------------------------------

LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED

Area served by Prairie Ridge Water Company being within the S $\frac{1}{2}$ S $\frac{1}{2}$  of Section 27 and the N $\frac{1}{2}$  and N $\frac{1}{2}$ S $\frac{1}{2}$  of Section 34 in T. 19 N., R.1 W.W.M.

2

S

DESCRIPTION OF PROPOSED WORKS

Well #1 (existing) is an 8 inch diameter drilled well having a depth of 174 feet below land surface. Well #2 (proposed) will be an 8 inch diameter well drilled to an approximate depth of 175 feet below land surface.

DEVELOPMENT SCHEDULE

BEGIN PROJECT BY THIS DATE:	COMPLETE PROJECT BY THIS DATE:	WATER PUT TO FULL USE BY THIS DATE:
Started	December 31, 1991	December 31, 1992

REPORT

BACKGROUND:

This application was received and accepted for proposal on November 17, 1986. Public notice appeared in The Olympian of Olympia, Washington on November 15 and 22, 1986. No objections were received as a result of the public

The applicant seeks a permit under the provisions of Chapter 90.44 Revised Code of Washington to appropriate public ground water from 2 wells in the amount of 175 gallons per minute (gpm) for community domestic supply for 99 services.

INVESTIGATIONS:

I conducted a field examination of this application on January 27, 1987. The applicant was not present during the site visit.

The applicant currently enjoys rights from well No. 1 under Ground Water Certificate G 2-25621 C. Said Certificate allows withdrawal of 50 GPM; 80 acre-feet per year for community domestic supply to serve 80 residences located in the N½NE¼ of Section 34. It appears that the existing water system serves 28 residences on Prairie Ridge Drive and 18 residences on 44th Avenue. More residences in the vicinity may also be served by the system.

The applicant proposed to add a second well to the system and to substantially expand the service area. Since an adequate annual quantity was granted under Certificate G 2-25621 C the annual amount authorized herein shall be totally supplemental.

This authorization will allow withdrawal of up to 175 GPM from 2 wells for use within the expanded service area.

The normal water requirements for a community domestic system in this environment should not exceed an average of 450 gallons daily per residence served. This includes sufficient water to sprinkle small lawns and gardens for each residences and amounts to 50 acre-feet per year when calculated on an annual basis.

CONCLUSIONS:

In accordance with Chapter 90.03 and 90.44 RCW, I find that there is water available for appropriation from the source in question and that the appropriation as recommended is a beneficial use and will not impair existing rights or be detrimental to the public welfare. Therefore, permit should issue, subject to existing rights and indicated provisions.

RECOMMENDATIONS:

It is recommend this application be approved and a permit be issued allowing the appropriation of 175 GPM from 2 wells for the purpose of community domestic supply for 99 services. The period of use shall be as needed year round. The total annual withdrawal under this authorization shall not exceed 50 acre-feet per year.

Approval shall be subject to the following provisions.

Installation and maintenance of an access port as described in Ground Water Bulletin No. 1 is required. An air line and gauge may be installed in addition to the access port.

Use of the waters to be appropriated under this application will be for a public water supply. State Board of Health rules require every owner of a public water supply to obtain written approval from the Water Supply and Waste Section, Department of Social and Health Services, Mail Stop LD 11, Building 4, Olympia, Washington 98504, prior to any new construction or alterations of a public water supply.

A well log of the completed well shall be submitted by the driller to the Department of Ecology within thirty (30) days of completion of this well. This well log shall be complete and all information concerning the static water level in the completed well, in addition to any pump test data, shall be submitted as it is obtained.

All water wells constructed within the state shall meet the minimum standards for construction and maintenance as provided under RCW 18.104 (Washington Water Well Construction Act of 1971) and Chapter 173-160 WAC (Minimum Standards for Construct and Maintenance of Water Wells.)

"The total annual withdrawal authorized herein is entirely supplemental to rights enjoyed from Well No. 1 under Certificate G 2-25621 C."

"Appropriations of public waters in Thurston County are subject to the provisions of WAC 713-591, the Reservation of Future Public Water Supply for Thurston County. Reserved waters have a priority date of August 13, 1986. Rights developed under this permit maybe subject to regulation in favor to reserved rights."

REPORTED BY: Sam Bailey

DATE: May 6, 1987

The statutory permit fee for this application is \$20.00.