

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 June 3, 1980	APPLICATION NUMBER G 2-25610	PERMIT NUMBER	CERTIFICATE NUMBER
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NAME SUNWOOD LAKES HOMEOWNERS ASSOCIATION			
ADDRESS (STREET) 8005 - 1 Thrulake Drive SE	(CITY) Olympia	(STATE) Washington	(ZIP CODE) 98503

PUBLIC WATERS TO BE APPROPRIATED

SOURCE 2 wells - #3 and #4		
TRIBUTARY OF (IF SURFACE WATERS)		
MAXIMUM CUBIC FEET PER SECOND	MAXIMUM GALLONS PER MINUTE 400	MAXIMUM ACRE-FEET PER YEAR 109
QUANTITY, TYPE OF USE, PERIOD OF USE 109 acre-feet per year	community domestic supply (420 homes)	continuously

LOCATION OF DIVERSION/WITHDRAWAL

APPROXIMATE LOCATION OF DIVERSION-WITHDRAWAL
#3 - 1500 feet west and 100 feet south; #4 - 2500 feet west and 1200 feet south, both
from center of Section 11.

LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION) SW $\frac{1}{4}$	SECTION 11	TOWNSHIP N. 17	RANGE, (E. OR W.) W.M. 1 W	W.R.I.A. 13	COUNTY Thurston
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RECORDED PLATTED PROPERTY

LOT B	BLOCK	OF (GIVE NAME OF PLAT OR ADDITION) Sunwood Lakes Div. 4
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LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED

Sunwood Lakes development within Section 11, and 14, T. 17 N., R. 1 W.W.M., Thurston County.



DESCRIPTION OF PROPOSED WORKS

2 wells - 6" x 300'

To be intertied with existing distribution system.

DEVELOPMENT SCHEDULE

BEGIN PROJECT BY THIS DATE:	COMPLETE PROJECT BY THIS DATE:	WATER PUT TO FULL USE BY THIS DATE:
Started	June 1, 1984	June 1, 1985

REPORT OF EXAMINATION

~~PROVISIONS~~BACKGROUND:

This application was received and accepted in this office on June 3, 1980. The public notice was advertised in the Lacey Leader on July 23 and 30, 1980. No objections to these proposed withdrawals were received. The applicants have requested ground water rights from two wells in the amount of 400 gallons per minute for community domestic supply.

INVESTIGATION:

I examined the property and well locations on August 19, 1980. Well #3 was being drilled at that time, and work had not begun on well #4. This development currently holds Ground Water Certificates No. G 2-00149 C, 180 gallons per minute and 25.2 acre-feet per year, and G 2-00813 C, 180 gallons per minute and 101 acre-feet per year, both for community domestic supply. These two certificates are limited to 101 acre-feet per year.

Normal annual water demand for developments of this nature is 450 gallons per day per home. The 420 homes projected will require 210 acre-feet per year, which may include up to 1/2 acre of lawn/garden irrigation per home.

There is no record of well interference problems in the immediate area.

CONCLUSION:

In accordance with Section 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:

I recommend approval of this application for 400 gallons per minute and 109 acre-feet per year for the community domestic supply of 420 homes based on the following provisions:

"Total annual withdrawal under all rights shall not exceed 210 acre-feet per year for community domestic supply."

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.

Applicant is advised that notice of proof of appropriation of water (under which final certificate of water right issues) should not be filed until the permanent diversion facilities have been installed together with a mainline system capable of delivering the recommended quantity of water to an existing or proposed distribution system within the area to be served.

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.

REPORTED BY:

J. A. P. [Signature]
 DATE: Aug. 27, 1980

APPROVED BY:

DATE:

[Signature]
 DATE: 8-28-80

The State Ground Water Code requires a \$20.00 permit fee for community domestic supply.