

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 4, 1980	APPLICATION NUMBER G 2-25612	PERMIT NUMBER	CERTIFICATE NUMBER
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NAME LEWIS E. SHAW			
ADDRESS (STREET) 6741 Boston Harbor Road NE	(CITY) Olympia	(STATE) Washington	(ZIP CODE) 98506

PUBLIC WATERS TO BE APPROPRIATED

SOURCE well		
TRIBUTARY OF (IF SURFACE WATERS)		
MAXIMUM CUBIC FEET PER SECOND	MAXIMUM GALLONS PER MINUTE 195	MAXIMUM ACRE-FEET PER YEAR 50
QUANTITY, TYPE OF USE, PERIOD OF USE 50 acre-feet per year	community domestic supply	continuously
(100 homes)		

LOCATION OF DIVERSION/WITHDRAWAL

APPROXIMATE LOCATION OF DIVERSION-WITHDRAWAL 300 feet west and 150 feet south from the center of Section 12.

LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION) NE $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$	SECTION 12	TOWNSHIP N. 19	RANGE, (E. OR W.) W.M. 2 W	W.R.I.A. 13	COUNTY Thurston
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RECORDED PLATTED PROPERTY

LOT	BLOCK	OF (GIVE NAME OF PLAT OR ADDITION)
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LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED

Area known as short subdivision No. 1214 as recorded under Thurston County Auditors No. 1084228 in Volume 12 of short plats page 39 through 48 and the projected service area generally described as the SE $\frac{1}{4}$ NW $\frac{1}{4}$ and the NE $\frac{1}{4}$ and the SE $\frac{1}{4}$ and the remainder of the SW $\frac{1}{4}$ Section 12, T. 19 N., R. 2 W.W.M., Thurston County.

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DESCRIPTION OF PROPOSED WORKS

Well - 8" x 148'
submersible pumps
Hydropneumatic tanks
4" pvc distribution line

DEVELOPMENT SCHEDULE

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

~~PROVISIONS~~

BACKGROUND:

This application was received and accepted in this office on June 4, 1980. The public notice was advertised in The Daily Olympian on July 16 and 23, 1980. No objections to this proposed withdrawal were received during the 30 day protest period. Mr. Shaw has requested ground water rights from a well in the amount of 195 gallons per minute for the purpose of community domestic supply.

INVESTIGATIONS:

I examined the property on August 28, 1980. The well was drilled and capped, the access road was being completed and underground power was in at that time. No lots had been cleared and no homes were started. Normal annual water demand for a development of this nature is 1/2 acre feet per year per lot. The 100 homes projected will require 50 acre-feet per year, which may include up to 1/2 acre of lawn or garden irrigation for each home.

There is no history of well interference problems in this rural area of Thurston County.

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.

RECOMMENDATION:

I recommend approval of this application for 195 gallons per minute and 50 acre-feet per year for community domestic supply, based on 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.

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.

When the chloride concentration exceeds 250 mg/L, the withdrawal rate shall be reduced or the pump setting raised to reduce the chloride level to below 250 mg/L.

REPORTED BY: J. Shaw

DATE: SEPT. 9, 1980

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

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