

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 253, Laws of Washington for 1945, and amendments thereto, and the rules and regulations of the Department of Ecology.)

PRIORITY DATE	APPLICATION NUMBER	PERMIT NUMBER	CERTIFICATE NUMBER
February 16, 1982	G 2-26085		

NAME FISHERMAN'S POINT HOMEOWNER'S ASSOCIATION			
ADDRESS (STREET)	(CITY)	(STATE)	(ZIP CODE)
3455 Evergreen Point Road	Bellevue	Washington	98004

PUBLIC WATERS TO BE APPROPRIATED

SOURCE
a well

TRIBUTARY OF (IF SURFACE WATERS)

MAXIMUM CUBIC FEET PER SECOND	MAXIMUM GALLONS PER MINUTE	MAXIMUM ACRE-FEET PER YEAR
	5.	3

QUANTITY, TYPE OF USE, PERIOD OF USE
3 acre-feet per year group domestic supply continuously
(9 services)

LOCATION OF DIVERSION/WITHDRAWAL

APPROXIMATE LOCATION OF DIVERSION-WITHDRAWAL
1050 feet North and 700 feet West of Southeast Corner of Section 31.

LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION)	SECTION	TOWNSHIP N.	RANGE, (E. OR W.) W.M.	W.R.I.A.	COUNTY
SE $\frac{1}{4}$ SE $\frac{1}{4}$	31	27	1 W	17	Jefferson

RECORDED PLATTED PROPERTY

LOT	BLOCK	OF (GIVE NAME OF PLAT OR ADDITION)

LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED

PARCEL A:
Government Lot 4, Sec. 31, T. 27 N., R. 1 W.W.M.,

PARCEL B:
The SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 31, T. 27 N., R. 1 W.W.M., in Jefferson County, Washington; EXCEPT the North and South 40 feet thereof reserved by Jefferson County for road purposes in deed recorded in Volume 116 of Deeds, page 166; EXCEPT the following described tract of land:
Beginning at the Northwest corner of the SE $\frac{1}{4}$ SE $\frac{1}{4}$ of said Sec. 31; thence Easterly to the West boundary of the existing county road right-of-way, and point of beginning; thence Southerly along said right-of-way a distance of 100 feet; thence Westerly a distance of 100 feet; thence Northerly a distance of 100 feet, more or less, to the North line of said SE $\frac{1}{4}$ SE $\frac{1}{4}$; thence Easterly 100 feet, more or less, to the point of beginning.

DESCRIPTION OF PROPOSED WORKS

5 gallon per minute submersible to 880 gallon non pressurized reservoir; thence through 37 gallon per minute booster pump to 489 gallon pressure tank, thence to 2" PVC lines and pressure reduction valves at homesites.

DEVELOPMENT SCHEDULE

BEGIN PROJECT BY THIS DATE: Started	COMPLETE PROJECT BY THIS DATE: Complete and in use	WATER PUT TO FULL USE BY THIS DATE: April 1, 1984
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REPORT

BACKGROUND:

This application was received and accepted on February 16, 1982. Public notice first appeared in The Port Townsend Leader on November 17 and 24, 1982. Because of an error by the publisher a subsequent amended notice was published on March 30 and April 6, 1983. There were no protests as a result of either public notice.

The applicant seeks a permit to withdraw 50 gallons per minute of ground water from a well on a continuous basis for group domestic supply to nine summer homes.

INVESTIGATION:

In reviewing the records it was indicated on the well log, submitted to this Department on August 29, 1978, that the Bailer test yielded only a little over five gallons per minute. Two other wells in the area were tested by Bailer methods at 2 and 4 gallons per minute respectively. This indicates that all of the wells in the area are extremely low yielders.

Item 6 on the application indicates a submersible pump of 5 gallon per minute capacity in the well. The secondary booster pump is of no concern.

Based on the well log reports and the pump size installed, this application will be considered for 5 gallons per minute instead of the 50 gallons per minute shown on Item 2 of the application and in the public notice.

At the low pumping rates indicated on all three logs and the scarcity of wells in the area, there should be little likelihood of well interference in the area.

A field examination was made in the area on February 17, 1983. It was found that the system is in and complete.

The normal amount for domestic use in the woody recreational environment should not exceed 300 gallons per day per service on the average. This will amount to 3 acre-feet per year for 9 services.

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 this application be approved for permit to utilize ground water in the amount of 5 gallons per minute on a continuous basis and 3 acre-feet per year for group domestic supply for 9 services.

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.

At such time that the Department of Ecology determines the regulation and management of the subject waters is necessary and in the public interest, an approved measuring device shall be installed and maintained in accordance with RCW 90.03.360 and WAC 508-64-020 through WAC 508-64-040.

In all cases, applicants are urged to locate their wells as far inland as is reasonable because of the uncertainty of the amount of sea-water intrusion that may be experienced in the future.

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:

Walter Bergstrom

DATE:

May 9, 1983

The permit fee for group domestic supply is \$20.00.