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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 7, 1984	APPLICATION NUMBER S4-28473	PERMIT NUMBER	CERTIFICATE NUMBER
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NAME DAVID R. BACHMANN			
ADDRESS (STREET) Route 3, Box 693-N	(CITY) Yakima,	(STATE) Washington	(ZIP CODE) 98901

PUBLIC WATERS TO BE APPROPRIATED

SOURCE
Unnamed stream

TRIBUTARY OF (IF SURFACE WATERS)

MAXIMUM CUBIC FEET PER SECOND 0.01	MAXIMUM GALLONS PER MINUTE	MAXIMUM ACRE-FEET PER YEAR 0.50
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QUANTITY, TYPE OF USE, PERIOD OF USE
To be used continuously for single domestic supply.

LOCATION OF DIVERSION/WITHDRAWAL

APPROXIMATE LOCATION OF DIVERSION—WITHDRAWAL
2200 feet west and 40 feet south of the northeast corner of Section 12

LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION) NW $\frac{1}{4}$ NE $\frac{1}{4}$ of unsurveyed	SECTION 12	TOWNSHIP N. 16	RANGE, (E. OR W.) W.M. 12 E	W.R.I.A. 38	COUNTY Yakima
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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

The N $\frac{1}{2}$ of Lot 2 of Root's Subdivision of Block 8 of Fife's Goose Prairie Home Tracts, recorded in Volume "G" page 44, Yakima County, being within the N $\frac{1}{2}$ NE $\frac{1}{4}$ of unsurveyed Section 12, T. 16 N., R. 12 E.W.M.

DESCRIPTION OF PROPOSED WORKS

A concrete reservoir with one inch mainline

DEVELOPMENT SCHEDULE

BEGIN PROJECT BY THIS DATE: Begun	COMPLETE PROJECT BY THIS DATE: Complete	WATER PUT TO FULL USE BY THIS DATE: N.A.
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REPORT

Background

On June 7, 1984, David R. Bachmann filed an application to appropriate public surface waters. The application was accepted, assigned number S4-28473 and public notice was made. The 30 day protest period expired with no protests being received.

Investigation

Field inspections were conducted by the writer of this area in conjunction with a previously filed water right application. Inspections were conducted on June 1, 1984, September 11, 1984, June 25, 1985, July 26, 1986, September 19, 1985, and October 24, 1985, by the writer and several Department of Ecology staff, including Howard Powell, Doug Clausing and Patty Kirk. The following information was obtained from the site inspections, review of office records, and conversations with Goose Prairie residents.

The instant application requests authorization to divert 0.02 cubic foot per second (cfs) from an unnamed spring for domestic supply in a recreational cabin. The cabin has been constructed for many years and is located on the N1/2 of Lot 2 of Root's Subdivision of Block 8 of Fife's Goose Prairie Home Tracts. The cabin has received water from the proposed water source since it was constructed. The water need for a recreational cabin should not exceed 0.01 cfs, 0.5 acre-foot per year.

The actual water source is a stream that is fed by an unnamed spring (some of the local residents call it Webb Spring). A diversion from the stream is constructed several hundred feet below the actual spring occurrence. A two inch pipe diverts water into a screen and then into a concrete reservoir, four feet by four feet by four feet. A one inch mainline exits the reservoir and leads to numerous cabins and a cafe/grocery store constructed in Fife's Goose Prairie Home Tracts.

The spring and stream are located in a small side drainage to the Bumping River. The point of diversion is located about 150 feet higher in elevation than the lowest property served. Flow in the stream has been measured at a high of 0.13 cfs and a low of 0.03 cfs. Seasonal fluctuations in precipitation will affect the streams flow, as will winter snowpack and rate of snowmelt in the spring.

There are six existing water right certificates and three temporary permits that have issued on this stream. They are as follows:

<u>Number</u>	<u>Name</u>	<u>Quantity</u>	<u>Use & Place of Use</u>
SWC 3571	Knowles	0.0025 cfs	Domestic, lots 6 & 7 Roots Subdivision
SWC 3902	Howfield	0.0025 cfs	Domestic, Lot 5 Roots Sub.
SWC 4297	Foy	0.0025 cfs	Domestic, S1/2 Lot 2 Roots Subdivision
SWC 4908	Ford	0.01 cfs	Domestic, Lot 1 Roots Sub. & Tract 9 Fife's Goose Prairie Home Tracts
SWC 5377	Severn	0.0025 cfs	Domestic, Portion of Tract 9 Fife's Goose Prairie Home Tracts
SWC 8479	Adams	0.01 cfs	Domestic, Portion of Tract 9 Fife's Goose Prairie Home Tracts

TEMPORARY PERMITS

<u>Number</u>	<u>Name</u>	<u>Quantity</u>	<u>Use & Place of Use</u>
S4-27316T	McCully	0.02 cfs	Domestic (1 home, 1 cabin, 1 grocery store, 8 trailers) Lot 1 Short Plat P-27
S4-27317T	Mellotte	0.02 cfs	Domestic (7 cabins) Lot 2 Short Plat P-27
S4-27501T	Gallant	0.01 cfs	Domestic, Lot 15 Fife's Goose Prairie Home Tracts

Except where indicated above, only one cabin is served under each water right certificate or temporary permit. Besides the instant application, there are six other pending applications requesting authorization to use the proposed water source for domestic supply. Of the six other applications, four are for uses that have been ongoing for numerous years. All of the other applications are junior to the instant application.

Most of the cabins hooked up to this system are recreational cabins used mostly on weekends. Water use is intermittent and because the cabins are seldom all occupied at the same time generally the existing system is adequate. However, during the late summer months the flow in the stream diminishes and the existing storage occasionally is not adequate to meet everyone's demand. The existing system has been in place for over 30 years with little improvement. The currently installed one inch mainline can deliver no more than 0.05 cfs (23 gpm), even though often more than that is available in the stream.

The seven recently filed applications, including the instant application, will be the most junior water users on the system, even though five of them may represent long established water users. During periods of high water usage, the present system may not deliver sufficient water to satisfy all users. This could be avoided by replacing the existing, inadequate system with a new one with larger storage and a larger mainline. Some of the water users have expressed an interest in doing so, and this office would encourage such an activity.

The source of this appropriation falls within the Yakima River Basin. The historical water rights for all surface water uses within the Yakima River drainage basin are under adjudication in Yakima County Superior Court. This adjudication may take many years to complete. The Director of the Department of Ecology has specified that during the pendency of the adjudication, water right permits will not be issued for any surface waters within the Yakima River drainage basin. However, temporary permits may be issued if all of the requirements of the Revised Code of Washington (RCW 90.03) can be satisfied.

Conclusions

Based on the foregoing information, the following conclusions are made:

During many years, water is available for the proposed appropriation without impairing existing water rights. Because of the installed system, shortages may occur during periods of extremely high water usage. If this is the case regulation of this right may be necessary in order to protect senior right holders. Issuing a temporary permit is not contrary to the public interest.

Recommendations

It is recommended that a temporary permit issue for 0.01 cfs, 0.50 acre-foot per year for continuous single domestic supply.

The water sources and/or water transmission facilities may not be located entirely upon the land owned by the applicant. Therefore, the applicant is advised that issuance of a permit by this department for appropriation of the waters in question does not convey a right of access to, or other right to use, land which the applicant does not legally possess.

REPORT BY: Becky Johnson DATE: 1/26/87
Becky Johnson

APPROVED BY: Doug Clausing DATE: 1/26/87
Doug Clausing, Regional Supervisor