

APPROVED by State Department of Game, with the provision that diversions under this permit shall be so arranged that approximately 50% of the low flow is left in the stream.

Application No. 4861

JOHN H. WARD

Examination made September 19, 1939

This application is for the appropriation of 1.0 c.f.s. of water for irrigation and domestic supply from Silver Springs Creek, tributary of Ten Mile Creek near Lynden, in Whatcom County.

The flow of the stream was estimated at 1.75 c.f.s. to 2.0 c.f.s. It is believed that it is fed from a distant source and that the flow is highest in late summer.

One permit, 2725, has been issued to Walter Holz for 0.2 c.f.s. and another is being issued to Wallace Holz, application 4858, for 0.25 c.f.s. Due to the fact that the diversions requested under 4861 and this application total 2.0 c.f.s., both were protested by the Department of Game because they would take all the water of the stream.

The applicant can irrigate 30 acres by gravity ditch and flooding and although he expects to irrigate only a few times during the summer he thinks that about 0.8 c.f.s. is necessary under such a system.

Due to the limited quantity of water it is impossible to grant this amount. However, he and Wallace Holz have adjoining places and they both state that a rotation system can be worked out so they will not be using the water at the same time. Under this method it is believed that the quantity desired can be made available without injurious effect.

It is therefore recommended that permit issue for 0.25 c.f.s. with the understanding that a rotation system can be inaugurated with Wallace Holz, who is being issued a permit for 0.25 c.f.s.

Permit shall be subject to existing rights and compliance with laws and regulations of the Departments of Fisheries and Game which specifically require the following: (1) an adequate passageway must be installed to allow fish to pass any dam; (2) The diversion ditch must be screened with meshes not coarser than 8 per inch.

For further details see report on application 4858, Wallace Holz.

Signed this 18th day
of December, 1939.

Ray T. French
RAY T. FRENCH, Inspector
Division of Hydraulics