

MEMORANDUM FOR RECORD

16 Oct 2017

Subject: Surface water impairment, Tunk Creek

In 2001 my wife and I bought property, which included a senior water right, (CHS4-17687C) on Tunk Creek, near the intersection of Tunk Creek Road and the Chewilikin Valley Road. This water right is shared between three properties, two being upstream of ours. A water collection system and pump is located on Tunk Creek at the furthest upstream property. We paid a premium for this property based on this senior water right.

Originally a distribution line extended from this collection point on Tunk Creek to further downstream of our property. As exempt well development increased throughout the upper valley it reduced flows in Tunk Creek made it impracticable to attempt irrigation of our fields.

Attempts were made by us and the other senior water right owners without success to operate this irrigation system after the spring runoff ended.

Subsequently two wells (Well Report ID: 330970 and 333297) 20 feet deep with 8 inch casings and submersible pumps were installed and connected to the PUD power at the original diversion structure in 2002. A significant expense was incurred to upgrade this water collection point.

Flows in Tunk Creek have not provided sufficient water at this collection point in the under gravels to operate this system in spite of several attempts.

Historically Tunk Creek flows were sufficient for diversions at several points along the creek to irrigate significant acreages. Willis Figlenski had almost 60 acres in alfalfa and had to abandon his senior water claim due to lack of stream flow. He ended up having to buy a irrigated piece on the Okanogan River to replace this loss. On our senior water right Virgil Green irrigated 40 acres for many years. It is now to the point that

none of these crop fields can be irrigated.

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