

Relevant Excerpts from Subdivision Servicing Bylaw No. 641

(See Bylaw No. 641 for all subdivision regulations)

PART 2 INTERPRETATION

2.1 DEFINITIONS

Domestic Water System has the same meaning as the Drinking Water Protection Act, but excludes tank truck, vehicle water tank or other similar means of transporting drinking water, whether or not there are any related works or facilities.

Independent On-site Water System means a *Domestic Water System* that serves only one *Dwelling Unit*.

Drilled Well means a *well* that is greater than 15.0 m in depth installed, tested and reported to the Comptroller of Water Rights in accordance with the Water Act, by a *Qualified Well Driller*, in accordance with the Ground Water Protection Regulation.

Dwelling Unit means a use of 1 or more habitable rooms in a building that constitute a single self-contained unit with a separate entrance, and used together for living and sleeping purposes for not more than one family, and containing a kitchen with a sink and cooking facilities and a bathroom with a water closet, wash basin and a bath or shower.

Groundwater has the same meaning as in the Water Act.

List of Eligible Sources means a document submitted to the *Regional District* from time to time, and attached to and included with this bylaw as Schedule "D", provided by the Comptroller of Water Rights, the Regional Water Manager, or the Assistant Regional Water Manager of the Ministry of Environment that identifies surface water sources in the *Regional District* that are considered by the Ministry of Natural Resource Operations to be capable of providing sustainable domestic water supplies.

Mapping for Areas of Groundwater Concern means mapping prepared from time to time by the *Regional District* that shows areas of concern for *Groundwater*.

Parcel has the same meaning as in the Land Act and includes a bare land strata lot.

Potable Water has the same meaning as in the Drinking Water Protection Act, in reference to the standards described in Schedule A of the Drinking Water Protection Regulation.

Qualified Professional means a person who is registered or duly licensed as a Professional Engineer or Professional Geoscientist under the provisions of the Engineers and Geoscientists Act.

Qualified Pump Installer means a person who has been accepted and registered as a *Qualified Pump Installer* by the Comptroller of Water Rights, under the Groundwater Protection Regulation.

Qualified Well Driller means a person who has been accepted and registered as a *Qualified Well Driller* by the Comptroller of Water Rights, under the Groundwater Protection Regulation.

Regional District means the Columbia Shuswap *Regional District*.

Shallow Well means a *well* that is either drilled or excavated to a depth of less than or equal to 15.0 m, and which has been installed, tested, and reported to the Comptroller of Water Rights in accordance with the Water Act by either a *Qualified Well Driller* or *Qualified Pump Installer*, in accordance with the Groundwater Protection Regulation.

Unrecorded Water has the same meaning as in the Water Act.

Well has the same meaning as in the Water Act.

*Note: The Water Act is now the Water Sustainability Act. Upcoming amendments to Bylaw No. 641 will include corrections to outdated legislation.

PART 8 ASSESSMENT AND DEMONSTRATION OF POTABLE WATER (for Independent On-site Water System)

INDEPENDENT ON-SITE WATER SYSTEM

- 8.2** Where no Water Supply System is available, all new Parcels created by subdivision must be provided with an *Independent On-Site Water System*.
- 8.3** The water source for an Independent On-Site Water System must be:
- a) surface water from an intake in a water source that has *Unrecorded Water* and is listed on the *List of Eligible Sources* of the Ministry of Natural Resource Operations that is current as of the date of application for subdivision.
 - b) *Groundwater* from a *Drilled Well*; or
 - c) *Groundwater* from a *Shallow Well*.
- 8.8** Each *Independent On-Site Water System* must be capable of providing, year round, at least 2,275 litres of *Potable Water* per day for each Parcel that includes, or can be reasonably expected in future to include, a residential *Dwelling Unit*.
- 8.9** Each *Independent On-Site Water System* must meet each of the water quantity and water quality requirements for the relevant subdivision type set out in Table 1 (below).

PROFESSIONAL DIRECTED APPROACH (QUALIFIED PROFESSIONAL)

- 8.14** The Owner shall engage a *Qualified Professional* to manage all aspects of developing an *Independent On-Site Water System* (this approach is called the "Professional Directed Approach") if any of the following conditions apply:
- b) the proposed *Parcels* are each less than 2 ha in area;
 - c) the proposed subdivision is not located within an area indicated as being within a known aquifer, as identified on the *Mapping for Areas of Groundwater Concern*.

Table 1: Requirements for Independent On-site Water System

Groundwater Sources					
Subdivision Type	Proof of Water Quantity			Proof of Water Quality	Covenant
	Source Yield	Well Recovery	Drawdown Interference		
Subdivisions requiring a Professional-Directed Approach as per Section 8.14	A <i>Qualified Professional</i> has submitted written confirmation that the sustainable <i>Well</i> yield is at least 2,275 liters/day.	A <i>Qualified Professional</i> has submitted written confirmation that <i>Well</i> recovery is adequate to support the intended use of the <i>Well</i> (minimum 2,275 L/day).	A <i>Qualified Professional</i> has submitted written confirmation that the operation of the proposed <i>Well</i> at the desired rate (minimum 2,275 L/day) will not: reduce the amount of available Water for any <i>Well</i> , within 250 m of the tested <i>Well</i> ; or result in changes to the water balance of the aquifer, considering cumulative impacts that could result in long-term environmental changes and/or reduced yield on a regional scale.	A <i>Qualified Professional</i> has reviewed the water quality results, prepared a water system design, including treatment and disinfection system components if required, and provided written confirmation that the water will be <i>Potable Water</i> as defined in this bylaw when the recommended system is properly installed and operated.	A covenant as per Section 8.20 has been placed on the property