

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*.

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.

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.

Regional District means the Columbia Shuswap *Regional District*.

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 Upcoming amendments to Bylaw No. 641 will include corrections to outdated legislation.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*.
- 8.5** All components including the intake for *Independent Onsite Water System* using surface water sources must be:
- a) Located on the same *Parcel* as the residential *Dwelling Unit* in respect of which they are required; or
 - b) located within easements or rights of way meeting the requirements of Section 9.11, provided that the delivery system from the water source to the *Dwelling Unit* is only for a single residential *Dwelling Unit*.
- 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

Schedule "D" - List of Eligible Sources

The following eligible sources for surface water was produced by the Water Stewardship Division, and provided to the CSRD in a memorandum dated October 21, 2011. It is reproduced here for the purpose of Subdivision Servicing Bylaw No. 641, as amended.

For consideration by CSRD in application of their bylaws regarding single residence domestic purpose water use, the Kootenay and Thompson Regions of Water Stewardship Division provides the following list of eligible sources.

1. Adams Lake
2. Upper Adams River
3. Scotch Creek
4. Fransen Creek
5. Seymour River
6. Shuswap Lake
7. Little Shuswap Lake
8. White Lake
9. Eagle River
10. Owlhead Creek
11. Yard Creek
12. Malakwa Creek
13. Loftus Creek
14. Legerwood Creek
15. Willis Lake
16. Craigellachie (Gorge) Creek
17. Perry River
18. Griffin Lake
19. Three Valley Lake
20. South Pass Creek
21. Victor Lake
22. Victor Creek
23. Clanwilliam Lake
24. Ratchford River
25. Wiseman Creek
26. Columbia River
27. Upper Arrow Lake Reservoir
28. Jordan River
29. Revelstoke Lake Reservoir
30. Kinbasket Lake Reservoir