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.

*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.

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

*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*.

*Water Supply System* has the same meaning as in the *Drinking Water Protection 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The Water Act is now the Water Sustainability Act.* Upcoming amendments to Bylaw No. 641 will include corrections to outdated legislation.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:

d) The proposed subdivision is located within an area of concern for Groundwater issues as identified on the *Mapping for Areas of Groundwater Concern* that is current at the time of subdivision application.

**Table 1: Requirements for Independent On-site Water System**

(See next page)
<table>
<thead>
<tr>
<th>Subdivision Type</th>
<th>Proof of Water Quantity</th>
<th>Covenant</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Source Yield</td>
<td></td>
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<tr>
<td></td>
<td>Well Recovery</td>
<td></td>
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<tr>
<td></td>
<td>Drawdown Interference</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>A covenant as per Section 8.20 has been placed on the property</td>
</tr>
<tr>
<td>Subdivisions requiring a Professional-Directed Approach as per Section 8.14</td>
<td>A Qualified Professional has submitted written confirmation that the sustainable Well yield is at least 2,275 liters/day.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>A Qualified Professional has submitted written confirmation that Well recovery is adequate to support the intended use of the Well (minimum 2,275 L/day).</td>
<td></td>
</tr>
<tr>
<td></td>
<td>A Qualified Professional has submitted written confirmation that the operation of the proposed Well at the desired rate (minimum 2,275 L/day) will not reduce the amount of available Water for any Well, within 250 m of the tested Well; 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.</td>
<td></td>
</tr>
</tbody>
</table>