



REGIONAL
DISTRICT
NORTH
OKANAGAN

Qualified Professional – Proof of Water (Subdivision Servicing Bylaw No. 2600 – Schedule A)

NOTE: This form must be filled out by a Qualified Professional (a person who is registered or licensed as Professional Engineer or Professional Geoscientist under the *Engineers and Geoscientists Act of British Columbia*)

Name of Property Owner(s):		Phone #:	
Address of Property:		Total Property Size (Ha):	
Name of Qualified Professional:		Phone #:	
Email of Qualified Professional:			
<p>Qualified Professional - Please complete the checklist below. All answers must be “Yes” for this form to be accepted by the Regional District. Unstamped/Unsealed or unsigned forms will <u>not</u> be accepted. A Qualified Professional must supervise the well pumping tests and submit this Proof of Water form as evidence of sufficient potable water for drilled and dug wells.</p>			
A survey of existing water supply wells on adjacent properties within a radius of 300 m from the proposed parcel was undertaken and the results are presented on a site plan.		Yes <input type="checkbox"/>	No <input type="checkbox"/>
At least one year of continuous groundwater level monitoring was conducted and the results analyzed to demonstrate that seasonal low groundwater levels have been characterized.		Yes <input type="checkbox"/>	No <input type="checkbox"/>
The well must be constructed in compliance with the minimum construction requirements of the BC Groundwater Protection Regulation (GWPR) and sited in accordance with the minimum setback distances from property boundaries, other wells and potential sources of contamination, as outlined in applicable legislation including the BC GWPR, BC Health Hazards Regulation (HHR), Sewerage System Regulation (SSR) and Municipal Wastewater Regulation (MWR).		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Prior to conducting the pumping test, the static water level in the pumping well and observation well(s) were monitored for a minimum of one week to assess pre-test trends.		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Date pumping test was conducted:			
A pumping test was conducted during the dry season (defined as August 1 st to March 1 st however, must be confirmed by the results of the continuous groundwater level monitoring discussed above) and in accordance with the criteria outlined in the British Columbia Guide to Conducting Pumping Tests (BC Guide), and was at least 48-hours in duration for a well completed in an unconfined aquifer and 72-hours in duration for a well completed in a bedrock aquifer. (Note: A well yield test cannot be used to demonstrate sustainable well yield in Electoral Area “C”.)		Yes <input type="checkbox"/>	No <input type="checkbox"/>
The well pumping test demonstrates a sustainable yield of at least 6,550 litres of water per day (1.0 Imperial Gallon per Minute) per parcel.		Yes <input type="checkbox"/>	No <input type="checkbox"/>

Water level recovery was monitored for a period not less than the pumping test. If the static water level did not achieve 100% recovery relative to what static was projected to be at the end of the test (based on the pre-test monitoring data described above), recovery was further assessed.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
At least one observation well which is completed in the same aquifer (and within the same fracture network for bedrock wells) was monitored during the pumping test and recovery period. The observation well(s) should be located on the same property or adjacent property(ies) and within 100 m of the pumping well.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
What is the address of the property that the observation well was monitored on?		
Where more than one parcel would be created by a subdivision, the pumping tests must be conducted simultaneously for each well proposed to service each parcel. (For example, if a subdivision application is for three properties, where each property would consist of one dwelling and one potable water well, the pumping test program must be designed such that the three water wells are pumped at the same time, for the same duration, and each at the minimum required rate.) Did you test all wells in accordance with the above?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
I confirm that I supervised the well pumping testing on the property in accordance with Regional District of North Okanagan Subdivision Servicing Bylaw No. 2600, 2013 – Section 406.4 - Proof of Water Requirements for Electoral Area “C”		
Signature of Qualified Professional:	Stamp/Seal:	