

# Surface Water Withdrawal (Pilot Project)

Determine what information you must provide with your application

Category	Step 1: What Category does your Application Fall Under?	Step 2: What Information Must I Submit With My Application?
1	<p>A) Renewal of existing or recently expired approval (as determined by NSEL).</p> <p>B) Withdrawal from offline ponds fed by groundwater that are less than 4 m deep and greater than 60 m from watercourse; or greater than 4 m deep and greater than 150 m from watercourse.</p>	<ul style="list-style-type: none"> <li>▪ Information to show that your withdrawal falls into this category.</li> <li>▪ Map of withdrawal site including nearby watercourses.</li> <li>▪ Must show that the amount of water requested is required.</li> <li>▪ Information to show how the water will be used (e.g. How many acres will be irrigated? At what rate of pumping? For how long?).</li> <li>▪ All requirements of existing approvals, or approvals which expired in 2005/2006 should be in possession of the Department.</li> </ul>
2	<p>A) Withdrawal from 3rd order and higher streams, and the withdrawal is relatively small</p> <p>B) Withdrawal from all offline ponds fed or potentially fed by groundwater which do not fall into Category 1</p>	<ul style="list-style-type: none"> <li>▪ A Qualified Person who has a degree in hydrology, geology, aquatic ecology, limnology, biology, physical geography, environmental science, water resource management, or engineering must:</li> <li>▪ Confirm that the proposed withdrawal meets the criteria for this category;</li> <li>▪ Outline the withdrawal rate, location, timing, proper intake design, monitoring, and site specific requirements;</li> <li>▪ Show that the amount of water requested to withdraw is required.</li> <li>▪ Provide information to show how the water will be used (e.g. How many acres will be irrigated? At what rate of pumping? For how long?).</li> <li>▪ For withdrawals greater than 1 million L/d, occurring twice per week or more, the qualified person must use modelling or other water balance assessment methods to demonstrate that the total amount of water extracted in any month will not exceed 5% of the net input (inflow) into the lake or pond in that month.</li> </ul>
3	<p>All other withdrawals that do not fall into category 1 or 2</p>	<ul style="list-style-type: none"> <li>▪ A P.Eng or P.Geo must complete a detailed study on impact assessment and water availability, level of study depends on potential impacts, but should generally follow the Department's Surface Water Withdrawal Guide (May 2004).</li> </ul>

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This fact sheet on Surface Water Withdrawals in Nova Scotia is not a legal authority and is not a substitute for the Act and regulations. Where the details given in this document differ from the regulations, the regulations shall prevail. For definitive reference, please refer to the official copies of the Act and regulations.