

## Suggested Actions in Response To Low Water For Major Water Use Sectors

Flow Conditions	Municipal Users	Golf Course Users	Agricultural Users	Aggregate Users
<b>Normal Flows</b>	<ul style="list-style-type: none"> <li>➤ Use these periods to top up municipal water storage.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Use these periods to top up the water storage on the course</li> </ul>	<ul style="list-style-type: none"> <li>➤ Use these periods to top up water storage ponds and soil moisture content.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Stockpile washed materials to create reserves where practical.</li> <li>➤ Consider drought contingency options when designing/considering future phases.</li> </ul>
<b>Below Normal Flows</b> <b>Level 1 Condition</b> <u>Action target</u> Increase awareness. Reduce water use by 10%.	<ul style="list-style-type: none"> <li>➤ Actively encourage compliance with outdoor water use by-laws</li> <li>➤ Reduce water withdrawals for park and public lands irrigation by scheduling withdrawals, use of storage</li> </ul>	<ul style="list-style-type: none"> <li>➤ Make use of water storage on the course.</li> <li>➤ Withdraw water more slowly over a longer period of time i.e. reduce pumping rate,</li> <li>➤ Schedule surface water withdrawals with neighboring golf courses.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Mobilize a local agricultural water users group.</li> <li>➤ Withdraw water more slowly over a longer period of time eg. reduce pumping rate.</li> <li>➤ Schedule surface water withdrawals with neighboring water takers</li> </ul>	<ul style="list-style-type: none"> <li>➤ Where applicable closely monitor operating levels (eg. pond levels).</li> <li>➤ Reduce non-essential water use.</li> <li>➤ Increase surveillance of wash operations to identify and correct any water losses. (eg. leaky pipes)</li> <li>➤ Withdraw surface water more slowly over a longer period of time i.e. reduce pumping rate.</li> </ul>
<b>Critically Low Flows</b> <b>Level 2 Condition</b> <u>Action target</u> Reduce water use by 20%. Reduce surface pumping rate by 50%.	<ul style="list-style-type: none"> <li>➤ Maintain but minimize municipal supply withdrawals</li> <li>➤ Enforce outdoor water use by-laws</li> <li>➤ Implement outdoor water use bans where applicable.</li> <li>➤ Reduce park and public land irrigation through selective watering, scheduling, storage</li> <li>➤ Report actions taken to Water Response Team</li> </ul>	<ul style="list-style-type: none"> <li>➤ Reduce water use on selected portions of the course.</li> <li>➤ Make use of water storage on the course.</li> <li>➤ Withdraw water more slowly over a longer period of time - reduce pumping rate.</li> <li>➤ Schedule surface water withdrawals with neighboring golf courses.</li> <li>➤ Report actions taken to sector representative</li> </ul>	<ul style="list-style-type: none"> <li>➤ Eliminate non-essential water use.</li> <li>➤ Further reduce pumping rate, make use of storage.</li> <li>➤ Irrigate dusk to dawn only.</li> <li>➤ Collectively co-ordinate surface water takings with other water takers.</li> <li>➤ Report actions taken to sector representative</li> </ul>	<ul style="list-style-type: none"> <li>➤ Eliminate non-essential water use.</li> <li>➤ Further reduce surface water pumping rate. Make use of water storage on site.</li> <li>➤ Where practical reduce below water excavations.</li> <li>➤ Report actions taken to sector representative</li> </ul>
<b>Extreme Low Flows</b> <b>Level 3 Condition</b> <u>Action Target</u> Reduce water use greater than 20% Reduce surface pumping greater than 50%.	<ul style="list-style-type: none"> <li>➤ Reduce municipal groundwater withdrawals to stabilize groundwater levels.</li> <li>➤ Reduce municipal surface water withdrawals to stabilize surface water flows.</li> <li>➤ Eliminate non-essential water use</li> </ul>	<ul style="list-style-type: none"> <li>➤ Reduce water use by selected irrigation only.</li> <li>➤ Stop surface water withdrawals. Rely on storage.</li> <li>➤ Reduce groundwater withdrawals to stabilize groundwater levels.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Reduce water use by selected irrigation only.</li> <li>➤ Implement all feasible measures to reduce stress to streams and groundwater aquifers.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Further optimize wash water operations as much as practically possible.</li> <li>➤ Where possible cease surface water withdrawals and use stored water.</li> <li>➤ Where possible further reduce below water table extraction.</li> </ul>
<b>Declared Level 3</b>	<ul style="list-style-type: none"> <li>➤ Ministry's Discretion to Impose Water Restrictions</li> </ul>	<ul style="list-style-type: none"> <li>➤ Ministry's Discretion to Impose Water Restrictions</li> </ul>	<ul style="list-style-type: none"> <li>➤ Ministry's Discretion to Impose Water Restrictions</li> </ul>	<ul style="list-style-type: none"> <li>➤ Ministry's Discretion to Impose Water Restrictions</li> </ul>

### Notes

1. The above listed actions are suggestions for voluntary action; an individual's action in response to varying levels of low water will depend on the particular operation or source of water. Each operation is encouraged to develop a Low Water Response Plan particular to its own situation.
2. A particular watershed may progress through the Low Water Levels in response to a number of factors, including streamflow, precipitation and local water use. The local Water Response Team considers all factors when moving between Levels. Actions taken at a specific Level may halt the progression of reduced streamflows.
3. A Level 3 will only be declared when the Provincial Water Directors accept a Water Response Team's recommendation that the local situation cannot be managed through local voluntary action and requires provincial intervention. A Level 3 condition may exist without a Level 3 being declared.