

Water Conservation Case Study - for the Ministry of Environment, Lands and Parks' BC Water-use Efficiency Catalogue

III. Areas of Emphasis

Please check the water conservation tools your area has implemented or is planning. In the spaces provided, please include the following information: Implementation Costs, Actual Savings(\$), Potential Savings (\$), Actual Water Savings, Potential Water Savings, Constraints, and Keys to Success. Please attach additional details of successful initiatives and programs (e.g. fact sheet, executive summary, newspaper clippings, letters of support, etc.).

	IMPLEMENT- ATION COSTS	ACTUAL SAVINGS (\$)	POTENTIAL SAVINGS (\$)	ACTUAL WATER SAVINGS (litres)	POTENTIAL WATER SAVINGS (litres)	CONSTRAINTS	KEYS TO SUCCESS
A. 'Hard' Conservation Measures							
1. Legal Tools							
<input type="checkbox"/> bylaws							
<input type="checkbox"/> standards							
<input type="checkbox"/> regulations							
<input type="checkbox"/> licensing							
<input type="checkbox"/> mandatory restrictions (e.g. sprinkling restrictions)							
<input type="checkbox"/> other (please specify):							
2. Economic and Financial Tools							
<input type="checkbox"/> cost/benefit analysis of current programs or projects							
<input type="checkbox"/> analysis/study of universal metering, or metering pilot program							
<input type="checkbox"/> assessment or analysis of pricing structure							
<input type="checkbox"/> inclining block rate fee structures							
<input type="checkbox"/> seasonal rate structure							
<input type="checkbox"/> incentives or grants to organizations promoting wise water use							
<input type="checkbox"/> fines (for excess use)							
<input type="checkbox"/> service charges							
<input type="checkbox"/> other (please specify):							
3. Operations and Management Tools							
<input type="checkbox"/> water audits							
<input type="checkbox"/> best management practices							
<input type="checkbox"/> metering							
<input type="checkbox"/> residential metering							
<input type="checkbox"/> commercial and industrial metering							
<input type="checkbox"/> agricultural/irrigation metering							

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3. Operations and Management (continued)							
<input type="checkbox"/> low-flow fixture or retrofit programs							
<input type="checkbox"/> leak-detection programs/practices							
<input type="checkbox"/> xeriscaping (water conserving landscaping techniques)							
<input type="checkbox"/> sector demand study or pilot project							
<input type="checkbox"/> water recovery, reclamation, re-use, and recycle programs							
<input type="checkbox"/> climate comfort system (e.g. sensors turn off sprinklers in rain)							
<input type="checkbox"/> water supply improvement projects							
<input type="checkbox"/> computer upgrades							
<input type="checkbox"/> Emergency Response Plan							
<input type="checkbox"/> watershed protection							
<input type="checkbox"/> residential technologies and programs							
<input type="checkbox"/> industrial and commercial technologies and programs							
<input type="checkbox"/> agriculture/irrigation technologies and programs							
<input type="checkbox"/> pilot programs or projects							
<input type="checkbox"/> other (please specify):							
B. 'Soft' Conservation Measures							
1. Long-term Planning Tools							
<input type="checkbox"/> strategic planning for utility							
<input type="checkbox"/> local or regional land-use planning (e.g. OCP or LRMP)							
<input type="checkbox"/> local or regional watershed management planning							
<input type="checkbox"/> other (please specify):							
2. Voluntary Restrictions							
<input type="checkbox"/> voluntary restrictions on water use (e.g. sprinkling, car washing)							
<input type="checkbox"/> other (please specify):							

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3. Public Communications, Education, Participation and Consultation							
i. for residential users through:							
<input type="checkbox"/> the media							
<input type="checkbox"/> information with billing							
<input type="checkbox"/> stand-on-own publications							
<input type="checkbox"/> community events							
<input type="checkbox"/> outdoor advertising							
<input type="checkbox"/> the Internet							
<input type="checkbox"/> workshops and seminars							
<input type="checkbox"/> eco-education programs (e.g. at regional park)							
<input type="checkbox"/> focus groups							
<input type="checkbox"/> citizen committee/task force							
<input type="checkbox"/> public opinion survey							
<input type="checkbox"/> referendum (e.g. on water metering)							
<input type="checkbox"/> voluntary in-home low flow fixture and retrofit programs							
<input type="checkbox"/> other (please specify):							
ii. for non-residential users (e.g. commercial, industrial, and agricultural users) through:							
<input type="checkbox"/> the media							
<input type="checkbox"/> information with billing							
<input type="checkbox"/> stand-on-own publications							
<input type="checkbox"/> workshops and seminars							
<input type="checkbox"/> the Internet							
<input type="checkbox"/> focus groups							
<input type="checkbox"/> user committee/task force							
<input type="checkbox"/> other (please specify):							
iii. for youths in schools through:							
<input type="checkbox"/> curriculum and school programs							
<input type="checkbox"/> publications for distribution to schools							
<input type="checkbox"/> poster, writing, and other contests for students							
<input type="checkbox"/> special water-related school activities (e.g. sponsoring a play)							
<input type="checkbox"/> student representatives active in community outreach							

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iii. for youths in schools through: (continued)							
<input type="checkbox"/> class tours of water facilities							
<input type="checkbox"/> other (please specify):							
4. Lead-by-Example <i>(Federal, provincial, and municipal governments' water-use efficiency measures within their buildings and operations.)</i>							
<input type="checkbox"/> water-use efficiency applied to operations and maintenance							
<input type="checkbox"/> low-flow fixture or retrofit programs							
<input type="checkbox"/> efficient water-use as part of outdoor water-use and landscaping							
<input type="checkbox"/> early detection and repair of leaks							
<input type="checkbox"/> reduced water pressure in buildings							
<input type="checkbox"/> greywater recycling							
<input type="checkbox"/> employee education							
<input type="checkbox"/> education opportunities for elected officials							
<input type="checkbox"/> conservation library							
<input type="checkbox"/> other (please specify):							
5. Partnerships and Cooperation							
<input type="checkbox"/> Public Private Partnership (P3)							
<input type="checkbox"/> partnerships and cooperation with neighbouring governments							
<input type="checkbox"/> partnerships and cooperation with other water utilities							
<input type="checkbox"/> partnerships with local businesses							
<input type="checkbox"/> cooperation with major users (e.g. school district, university)							
<input type="checkbox"/> pilot programs							
<input type="checkbox"/> cost/benefit analysis of partnerships							
<input type="checkbox"/> other (please specify):							
C. Other Initiatives							
<input type="checkbox"/> other (please specify):							
<input type="checkbox"/> other (please specify):							