

## Inventory of Water Conservation and Efficiency Program measures

### Goal 1: Foster long-term sustainable water use that takes ecosystem health and varied water uses into account



#### Objective 1: Review existing laws and enact new legislation as needed

No.	Measure implemented or under development	Ministry assigned	Effective date	Justification
<b>Target 1.1 : Include the provisions of the Great Lakes–St. Lawrence River Basin Sustainable Water Resources Agreement in Québec legislation</b>				
1	Implement the <i>Act to affirm the collective nature of water resources and provide for increased water resource protection</i>	MDDEFP	Adopted on June 11, 2009; full implementation expected by fall 2013	This Act amends the <i>Environment Quality Act</i> (Division VI, Sect. 18–30) to include the provisions of the Great Lakes–St. Lawrence River Basin Sustainable Water Resources Agreement in Québec legislation and adds Section 31.101, which outlines the objectives of the Water Conservation and Efficiency Program.
<b>Target 1.2 : Enact the regulations required to control water withdrawal</b>				
2	Implement the <i>Regulation respecting the declaration of water withdrawals</i> (RDWW)	MDDEFP	Adopted on August 12, 2009, implemented on September 10, 2009, and amended on June 22, 2011	<i>Also helps meet Objective 4.</i> This regulation helps control water withdrawals because it allows us to monitor the volume of water withdrawn and consumed in Québec. The regulation applies to withdrawals of 75,000 liters or more per day, except as otherwise provided. This data provides valuable information on water consumption needed to determine the potential impact of new or increased withdrawals and the need to conserve and use water efficiently.
3	Implement the <i>Regulation respecting the framework for authorization of certain projects to transfer water out of the St. Lawrence River Basin</i>	MDDEFP	Adopted on June 22, 2011, and implemented on September 1, 2011	<i>Also helps meet Objective 4.</i> This regulation provides a framework for certain exceptional cases that are not subject to the water transfer restriction related to municipal drinking water needs. Section 3 of the regulation states that an application for authorization must be submitted to MDDEFP for any transfer or increased transfer of water outside the St. Lawrence River Basin. For a transfer to be authorized, the withdrawer must implement water conservation and efficiency measures.

4	Implement the <i>Regulation respecting water withdrawals and water protection</i>	MDDEFP	Under development; draft regulation published on December 28, 2011; new draft regulation published on May 29, 2013; adoption and implementation planned for fall 2013	<i>Also helps meet Objectives 4 and 12.</i> This regulation helps control water withdrawals. It outlines the processes and procedures for water withdrawal authorization and administrative and criminal provisions to ensure compliance. To be authorized, withdrawals of 379,000 liters or more per day subject to Section 31.95 of the <i>Environment Quality Act</i> must meet certain conditions, specifically implementation of water conservation and efficiency measures. Withdrawals of 75,000–379,000 liters per day will be authorized on the condition that water conservation and efficiency measures have been implemented according to the vulnerability of the site.
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**Objective 2: Promote reduced water use in all sectors**

No.	Measure implemented or under development	Ministry assigned	Effective date	Justification
<b>Target 2.1 : Set up policy frameworks to promote reduced water use in institutional and municipal sectors</b>				
5	Implement the Strategy for the protection and conservation of sources intended for the supply of drinking water	MDDEFP	Under development	<i>Also helps meet Objective 3.</i> The goal of this strategy is to guarantee the public a sufficient, high quality supply of drinking water by protecting both surface and groundwater sources. The third step in implementing the strategy includes establishing protection and conservation measures. Defining these measures encourages water conservation in the municipal sector.
6	Strategy for drinking water conservation (SEEP)	MAMROT	April 1, 2012	This strategy requires municipalities to develop a drinking water conservation action plan; to implement, where applicable, a leak detection and repair program; to adopt a municipal regulation on drinking water use; and to produce an annual water management report. This measure by MAMROT promotes water conservation in all sectors of activity that withdraw water from a municipal water supply system.
7	Amend the Construction Code (plumbing and building sections) to prohibit the sale or installation of equipment that consumes high volumes of water	MAMROT/ Régie du bâtiment du Québec (RBQ)	2013	This measure prohibits the target group from installing toilets using more than 6 liters per flush, urinals using more than 1.9 liters per flush, automatic flush urinals, and potable water air conditioning or cooling systems without a recirculation loop, in an effort to reduce drinking water use in the residential and institutional sector.

8	Pursue implementation of drinking water conservation policies in government buildings and health and educational facilities	MAMROT/ SIQ/ MSSS/ MELS/ MDDEFP/ MESRST	Ongoing	This measure provides for the adoption of action plans and implementation of targeted corrective measures in government buildings to conserve drinking water in the institutional sector.
<b>Target 2.2 : Put in place economic incentives that encourage water users to reduce the volume of their water withdrawals</b>				
9	Implement the <i>Regulation respecting the charges payable for the use of water</i>	MDDEFP	Adopted on December 1, 2010, and implemented on January 1, 2011	<i>Also helps meet Objective 11.</i> This regulation requires withdrawers of 75,000 liters of water per day to pay a fee (Sect. 1–15) according to the water volume used. It is an economic incentive that encourages water conservation in all sectors.
<b>Target 2.3 : Determine effective water conservation and efficiency measures applicable to every sector within the withdrawal authorization system</b>				
10	Identify water conservation and efficiency measures applicable to each sector of activity for authorization of new or increased water withdrawals	MDDEFP	Under development. A list of measures will be proposed in the applicant's guide and analyst's guide in fall 2013. The list will be updated regularly.	This measure is part of the new water withdrawal authorization system stemming from the <i>Regulation respecting water withdrawals and water protection</i> project. For authorization of new or increased water withdrawals, withdrawers of 75,000 liters of water or more per day must will have to demonstrate eligibility of their request and may propose to implement strategies such as water conservation and efficiency measures to reduce their withdrawals. In addition, withdrawers of 379,000 liters or more per day who are subject to Sect. 31.95 of the <i>Environment Quality Act</i> will have to implement water conservation and efficiency measures to request authorization. Production of a reference list of water conservation and efficiency measures adapted to each sector makes it easier for water withdrawers in each sector to adopt these measures.

**Objective 3: Promote efforts to maintain adequate water quantity and quality to ensure ecosystem integrity**

No.	Measure implemented or under development	Ministry assigned	Effective date	Justification
<b>Target 3.1 : Develop and apply methods to take into account the cumulative impacts of withdrawals on the carrying capacity of ecosystems and the vulnerability of drinking water withdrawals</b>				

11	Evaluate cumulative impacts when water withdrawal, consumption, and transfer requests are analyzed (water withdrawal impact assessment)	MDDEFP	Under development/ schedule TBD	<p><i>Also helps meet Objective 5.</i></p> <p>The method developed to analyze the cumulative impacts of water withdrawals helps guarantee that a sufficient water supply remains available to ensure the integrity of ecosystems. Water withdrawers are required to implement water conservation and efficiency measures of varying stringency according to their potential impact on ecosystem integrity to obtain official authorization to withdraw water under the new water withdrawal authorization system stemming from the <i>Regulation respecting water withdrawals and water protection</i> project.</p>
5	Implement the <i>Strategy for the protection and conservation of sources intended for the supply of drinking water</i>	MDDEFP	Under development	<p><i>Also helps meet Objective 2.</i></p> <p>This strategy includes development of a component to evaluate the vulnerability of drinking water sources from the perspective of available water supply. Learning more about the vulnerability of drinking water sources allows us to implement water conservation and efficiency measures to reduce vulnerability and to take vulnerability into account when evaluating water withdrawal requests.</p>
<b>Target 3.2 : Adapt water quantity management to take into account the carrying capacity of ecosystems</b>				
12	Adapt management of public dams	MDDEFP	Ongoing activity	<p>Management plans for dams operated by CEHQ define dam operation parameters that take into account high and low water levels. Management plans are adapted as needed to optimize management, especially in terms of respecting the carrying capacity of ecosystems.</p>
13	Ottawa River Regulation Planning Board	MDDEFP	Under development/ schedule TBD	<p>The Board comprises representatives of the governments of Canada, Ontario, and Quebec and ensures integrated management of the principal reservoirs of the Ottawa River Basin. The goal is to provide protection against flooding along the Ottawa River and its tributaries and in the Montreal region, taking into account the interests of various users. Reservoirs also act as a supplemental water supply during low-flow periods, largely to maintain ecosystem integrity. The Board plans to develop shared objectives to optimize integrated management during low-flow periods.</p>

**Goal 2: Adopt and implement a supply and demand management approach that takes into account the expected impacts of climate change**

**Objective 4: Accurately measure the amount of water withdrawn, consumed, and disposed of in Québec**

No.	Measure implemented or under development	Ministry assigned	Effective date	Justification
<b>Target 4.1 : Establish a water withdrawal management system</b>				
14	Deploy the water withdrawal management computer system (GPE)	MDDEFP	March 2010	This computer system compiles in one database all Québec water withdrawal data collected under the <i>Regulation respecting the declaration of water withdrawals</i> and the <i>Regulation respecting the charges payable for the use of water</i> . Data is used as a basis for monitoring quantities of water withdrawn in Québec for withdrawals of 75,000 liters or more per day, grouped in an organized way in the GPE system.
<b>Target 4.2 : Develop and strengthen knowledge on withdrawn water quantities for all activity sectors</b>				
15	MAPAQ-MDDEFP administrative agreement on the declaration of water withdrawals for agricultural or fish-breeding purposes	MAPAQ/MDDEFP	December 7, 2011 Expires on September 30, 2016, with automatic renewal	The purpose of this agreement is to make it easier for agricultural producers and fish breeders to make water withdrawal declarations. Specifically, the agreement provides for implementation of a program to monitor model companies to determine and establish water withdrawal standards for the fish-breeding sector to facilitate the annual declaration required by fish breeders under the <i>Regulation respecting the declaration of water withdrawals</i> adopted on June 22, 2011. This measure strengthens our knowledge of the volumes of water being withdrawn and consumed in agriculture and aquaculture.
2	Implement the <i>Regulation respecting the declaration of water withdrawals</i>	MDDEFP	<i>Adopted on August 12, 2009, and implemented on September 10, 2009</i>	<i>Also helps meet Objective 1.</i> Section 9 of the regulation requires all withdrawers of 75,000 liters or more per day in Québec to declare their withdrawals. Section 18.7 requires withdrawers with the capacity to withdraw 379,000 liters or more per day on the territory covered by the Great Lakes–St. Lawrence River Basin Agreement to report the volumes of water withdrawn, consumed, or transferred from the St. Lawrence River Basin. This measure develops our knowledge of the quantities of water being withdrawn in each sector for all of Québec.

3	Implement the <i>Regulation respecting the framework for authorization of certain projects to transfer water out of the St. Lawrence River Basin</i>	MDDEFP	Adopted on June 22, 2011, and implemented on September 1, 2011	Also helps meet Objective 1. This regulation identifies new or expanded projects involving the transfer of water outside the territory covered by the Great Lakes–St. Lawrence River Basin Agreement. This measure helps develop knowledge of the quantities of water being withdrawn to be used outside the St. Lawrence River Basin for municipal purposes.
4	Implement the <i>Regulation respecting water withdrawals and water protection</i>	MDDEFP	Under development; draft regulation published on December 28, 2011; new draft regulation published on May 29, 2013; adoption and implementation planned for fall 2013	Also helps meet Objectives 1 and 12. This regulation identifies new or increased withdrawals of 75,000 liters or more per day in Québec. This measure helps develop knowledge of the quantities of water being withdrawn in all sectors.

**Objective 5: Take into account the impact of climate change on water supply and demand**

No.	Measure implemented or under development	Ministry assigned	Effective date	Justification
<b>Target 5.1 : Develop and strengthen knowledge on groundwater supply</b>				
16	Groundwater knowledge acquisition program (PACES)	MDDEFP	First official funding announcements in spring 2009	This knowledge acquisition program monitors groundwater volume and recharge. This measure develops groundwater supply knowledge.
<b>Target 5.2 : Develop and strengthen knowledge on the effects of climate change on surface water supply</b>				
17	Produce the <i>Atlas hydroclimatique du Québec méridional à l'horizon 2050</i>	MDDEFP	March 2013	This atlas illustrates the impacts of climate change on the St. Lawrence tributary water system in 2050. This will help us understand how climate change will impact the surface water supply and determine when to implement water conservation and efficiency measures in vulnerable watersheds.
18	Implement the St. Lawrence Action Plan 2011–2026	MDDEFP/EC	November 29, 2011	Also helps meet Objectives 9 and 12 The Numerical Environment Prediction Program for the St. Lawrence Action Plan 2011-2026 helps us better understand the St. Lawrence ecosystem, especially water levels and flows.
<b>Target 5.3 : Set up a climate change policy framework that takes into account water resources</b>				

19	Implement the 2013–2020 Government Strategy for Climate Change Adaptation	MDDEFP	April 2013	The goal of the Government Strategy for Climate Change Adaptation is to increase society's resilience to climate change. The strategy places particular emphasis on water resources. Objective 16 of the strategy is to "give priority to the conservation and protection of water resources" to conserve biodiversity and the benefits provided by ecosystems in a climate change context. Adapting to climate change and protecting water resources can include adopting water conservation and efficiency measures.
20	Implement the 2013–2020 Climate Change Action Plan (2020 CCAP)	MDDEFP	April 2013	Priority 6 of the 2020 CCAP is to support climate change adaptation research . The goal is to provide funding for research projects to learn more about the natural risks associated with climate change and understand its impact on human wellbeing, the economy, and the natural and built environment. This component of the measure helps develop knowledge of the impacts of climate change on water supply and potential adaptation by implementing water conservation and efficiency measures. Priority 30 of the 2020 CCAP is to update knowledge and adapt water resource management tools. It encourages acquisition, modeling, analysis, and harnessing of data on levels and quality of surface water and groundwater and adaptation of management tools according to expected impacts. This component of the measure helps develop knowledge of the impacts of climate change on water supply.
<b>Target 5.4 : Develop and apply a method to take into account cumulative impacts (including climate change impacts) on water resources</b>				
11	<i>Evaluate cumulative impacts when requests for water withdrawal, consumption, and transfer are analyzed (water withdrawal impact assessment)</i>	MDDEFP	<i>Under development/schedule TBD</i>	<i>Also helps meet Objective 3.</i> The impact of climate change on the hydrological regime (hydrological indicators) is taken into account when evaluating the cumulative impacts on susceptible components (ecosystems and uses) of the Basin. This measure allows us to take into account the impact of climate change on the vulnerability of watersheds and provide for water conservation and efficiency measures to reduce vulnerability.

**Goal 3: Set up monitoring measures for the Water Conservation and Efficiency Program**

**Objective 6: Develop and implement a process to evaluate whether objectives are being met**

No.	Measure implemented or under development	Ministry assigned	Effective date	Justification
<b>Target 6.1 : Determine and apply the annual assessment process and the five-year review of the Program</b>				
E1	Determine five-year targets for each Program objective	MDDEFP	Under development	We need to determine the various components of these objectives to make it easier to evaluate progress made in meeting specific Program objectives. These components are defined in the five-year targets. The first targets are determined according to the measures in the Inventory when the first version of the Program is submitted.
E2	Determine indicators for each Program measure	MDDEFP	Under development	In collaboration with representatives responsible for measures in each participating ministry, set annual, measurable targets using various indicators.
E3	Perform annual Program measure review	MDDEFP	Under development	MDDEFP must perform an annual review of the measure indicators as they were defined in collaboration with the participating ministries. This annual assessment must be made public.
E4	Perform a five-year target review	MDDEFP	Under development	MDDEFP must review the conservation Program every five years, including evaluating progress made in the five-year targets toward achieving the objectives.
<b>Target 6.2 : Identify new five-year targets for each objective to help identify new measures</b>				
E5	Identify new five-year targets	MDDEFP	Under development	New five-year targets will be added based on different components of the Program objectives.
E6	Identify new measures under development	MDDEFP	Under development	During the annual assessment, new measures under development in each participating ministry will be identified so they can be added to the Program.
<b>Target 6.3 : Use acquired knowledge to adapt the Water Conservation and Efficiency Program</b>				



E7	Develop an adaptive management model adapted to the Water Conservation and Efficiency Program	MDDEFP	Under development	To implement an adaptive management approach for this program, we need to work to reinforce government competencies in three aspects of this management model: 1) effort to acquire knowledge; 2) monitoring knowledge development; 3) adaptive structure. We need to decide exactly how to integrate these components in the Program and develop a model specific to its implementation.
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**Objective 7: Make monitoring a source of new knowledge and know-how for Agreement signatories and all other water stakeholders and users**

No.	Measure implemented or under development	Ministry assigned	Effective date	Justification
<b>Target 7.1 : Disseminate the results of the annual assessment and the five-year review of the Water Conservation and Efficiency Program</b>				
E8	Post the results of the annual Program measure assessment on the water knowledge-sharing portal	MDDEFP	Annually	MDDEFP must perform an annual progress review of Program measures and make the report public by posting it on the water information portal.
E9	Present the five-year progress report to members of the Regional Body and post it on the water knowledge-sharing portal	MDDEFP	Every 5 years starting in 2013 (2018)	Every five years MDDEFP must assess progress made toward achieving program objectives. The report must be submitted to members of the Regional Body and made public through posting on the water knowledge-sharing portal.

**Goal 4: Promote scientific research, technological development, and knowledge acquisition**

**TRANSLATION**

**Objective 8: Strengthen research efforts for water conservation and efficiency measures**

No.	Measure implemented or under development	Ministry assigned	Effective date	Justification
<b>Target 8.1 : Develop and strengthen knowledge on water conservation and efficiency in all municipal, mining, and agricultural sectors</b>				
21	Participate in events and committees that bring together subject matter experts to build MAMROT's knowledge of water conservation concepts (SEEP)	MAMROT	Ongoing	MAMROT participates in AWWA training sessions and the Canadian Municipal Water Efficiency Committee. This measure develops and strengthens knowledge on water conservation and efficiency in the municipal sector.
22	Organize and prepare training sessions on water conservation to support municipalities (SEEP)	MAMROT	Ongoing	More than 700 municipal representatives participated in 18 regional training sessions and two webinars organized by MAMROT to support their efforts. More than 250 stakeholders participated in an annual two-day training program on SEEP organized in partnership with Réseau Environnement. A webinar on reviewing the Strategy for Drinking Water Conservation and on the new form is now available for free on the Québec municipal website. The strategy is presented at about 20 conventions and conferences per year. This measure allows us to strengthen and share knowledge on water conservation and efficiency with municipal stakeholders.
23	Produce annual municipal water consumption status reports to evaluate the amount of water distributed and water losses in distribution networks (SEEP)	MAMROT	June 8, 2012	As part of the Strategy for Drinking Water Conservation, municipalities must produce an annual water consumption report. Data submitted by municipalities is compiled in a central database (approximately 200 data records per municipality). This measure helps strengthen knowledge on the amount of water distributed and any water losses for the municipal sector.
24	Joint research program on sustainability in mining	MRN	Decree approved on March 27, 2013/ 2012–2013 to 2016–2017	Several of the priority research topics in this program deal with water issues, including water infiltration control, acid mine drainage, tailings/water management, passive water treatment, and reducing water consumption. This measure helps strengthen knowledge on water consumption in the (industrial) mining sector.

25	Technological research and transfer projects related to water conservation and optimization of water use in agriculture as part of the "Developing water conservation and management strategies" action of the 2013–2020 Climate Change Action Plan	MAPAQ	Under development/schedule TBD	The goal of this research project is to carry out technological research and transfer projects related to water conservation and optimization of water use in agriculture. Project findings provide more information on water usage in agriculture to identify effective measures to reduce water consumption in the sector.
26	Project to measure water use in irrigation	MAPAQ	Under development/schedule TBD (April 2013–March 2016)	The goals of this project are to quantify irrigation water volume and soil water-holding capacity, to test water withdrawal estimation methods, and to produce a seasonal water supply report to be able to assess whether agricultural producers' irrigation water supplies are too low or too high. Project findings provide information on the use of water for agricultural irrigation to help us optimize irrigation water use in the sector.

**Objective 9: Foster research partnerships, multidisciplinary studies, and cooperative activities**

No.	Measure implemented or under development	Ministry assigned	Effective date	Justification
<b>Target 9.1 : Develop and set up a collaborative work space for water researchers</b>				
27	Collaborative space on the water knowledge-sharing portal	MDDEFP	Under development/schedule TBD	This collaborative space is intended to be a forum for information- and knowledge sharing among various stakeholders and users (governments, municipalities, companies, associations, watershed committees, etc.) and university researchers. This measure makes a collaborative space available to users to foster research partnerships and cooperative activities.
<b>Target 9.2 : Include the notions of partnership, multidisciplinary, and collaboration in the definition of the government's water research projects</b>				
18	<i>Implement the St. Lawrence Action Plan 2011–2026</i>	MDDEFP/EC	<i>November 29, 2011</i>	<i>Also helps meet Objectives 5 and 12.</i> The projects included in the St. Lawrence Action Plan must be developed and carried out in collaboration with at least one provincial and federal government ministry. The primary goal of the joint consultative committee on climate change is to identify research projects by working with water stakeholders.

**Objective 10: Encourage the development of innovative water technologies**

No.	Measure implemented or under development	Ministry assigned	Effective date	Justification
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**Target 10.1 : Introduce a water conservation and efficiency component in strategies and programs aimed at supporting technology development**

28	Committee on new technologies for domestic wastewater treatment	MDDEFP/ MAMROT	Committee created in 1999; Protocol published in 2008	The goal of the committee is to protect public health and the environment by validating the performance claims of water treatment technologies and providing quality control on projects approved by the ministry or sponsored by MAMROT. The committee also ensures that technical information about these technologies is made available to the public. This measure ensures quality control for new water technologies.
29	National Research and Innovation Policy	MESRST	Under development/schedule TBD	One of the objectives of the mechanism to support technological innovation in companies under the Strategy's innovation support program is to foster the development and marketing of processes and procedures that can reduce and mitigate water damage. This measure serves to support the development of new water technologies.
30	Projects in the Agri-Food Innovation Support Program	MAPAQ	2009	Some of the projects funded under this program relate to the use of water in agriculture. This measure serves to support development of new water technologies in agriculture.
31	Canada-Québec Water Supply Expansion Program (CQWSEP)	MAPAQ	Program ended in 2009	The purpose of this program was to carry out individual and collective projects to optimize agricultural irrigation. This measure serves to support development of new water technologies in agriculture.

**Goal 5: Develop education programs, information sharing networks, resources, and tools to mobilize all water stakeholders and users**

**Objective 11: Make water stakeholders and users more aware of the value of water**

No.	Measure implemented or under development	Ministry assigned	Effective date	Justification
<b>Target 11.1 : Develop and implement awareness tools intended for youth and the general public</b>				
32	Le coin de Rafale	MDDEFP	Under development and ongoing	This section of MDDEFP's website is aimed specifically at young people. This measure serves to make younger clients more aware of water conservation and efficiency issues.
33	MDDEFP website	MDDEFP	Page posted on Sept. 1, 2013; Updated annually on Sept. 1.	A webpage on the Water Conservation and Efficiency Program is available in the Water section of the MDDEFP website. Its purpose is to provide an overview of the program and progress (annual assessment and five-year status report) and to build public awareness of the value of water.
34	Education program for fifth graders developed in collaboration with Centre d'interprétation de l'eau and MELS (SEEP)	MAMROT /MELS	Under development/first version expected in 2013	This measure serves to make younger clients more aware of water conservation and efficiency issues.
35	Continue the partnership with Réseau Environnement for the Programme d'économie d'eau potable (PEEP) to build public awareness in collaboration with municipalities (SEEP)	MAMROT	Ongoing	85 municipalities participated in PEEP in 2011. The Facebook page "Je consomme EAUrement" has almost 500 friends (350–1,200 views/week). A radio ad was broadcast throughout Québec in early 2012. This measure serves to raise public awareness of water conservation and efficiency issues.
36	Partner with WaterSense, a label program for products that consume an average of 20% less water (SEEP)	MAMROT/MDD EFP/MFE	June 7, 2012	MAMROT and MDDEFP announced an agreement to promote the voluntary WaterSense certification and labeling program in Québec. MFE promotes the program to companies. This measure serves to raise public awareness of water conservation and efficiency issues.

9	Implement the <i>Regulation respecting the charges payable for the use of water</i>	MDDEFP	Adopted on December 1, 2010, and implemented on January 1, 2011	Also helps meet Objective 2. By requiring withdrawers of 75,000 liters of water or more per day to pay a fee in proportion to their water withdrawal, this regulation will serve to raise public awareness of the value of water and encourage water efficiency.
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**Objective 12: Make information on water resources, water quality, aquatic ecosystems, and the various uses of water more accessible to all water stakeholders**

No.	Measure implemented or under development	Ministry assigned	Effective date	Justification
<b>Target 12.1 : Develop platforms to make information on water resources public and promote knowledge-sharing</b>				
37	Create an "Important Issue" section about the Strategy on MAMROT's website (SEEP)	MAMROT	Ongoing	A section on SEEP was added to MAMROT's website to store relevant documents to support municipalities. New documents are added regularly. This measure helps make information available to everyone via a public platform to encourage water conservation and efficiency by municipalities.
38	Develop the water knowledge-sharing portal	MDDEFP	Under development / schedule TBD	The portal will be a tool to foster collaboration and create a culture for the exchange, integration, and sharing of knowledge on water issues. Refer to community websites like Facebook and Twitter that make scientific and technical information available to the general public.
39	Release the state of water resources and aquatic ecosystems report	MDDEFP	Under development: 2014	The five-year report is a tool for informing all individuals and groups concerned with water and aquatic ecosystems to strengthen their knowledge and help them better understand the challenges related to water resources and aquatic ecosystems.
4	Implement the <i>Regulation respecting water withdrawals and water protection</i>	MDDEFP	<i>Under development; Draft regulation published on December 28, 2011; new draft regulation published on May 29, 2013; adoption and implementation planned for fall 2013</i>	Also helps meet Objectives 1 and 4. The Regulation requires that part of the analysis report on the vulnerability of water withdrawals made for the purposes of human consumption be published on the withdrawer's website. Information that must be made public includes the location of the withdrawal site; the location of any protected areas in the immediate, intermediate, and remote vicinity; and the vulnerability level determined in accordance with the requirements of the Regulation. This measure helps make information available on the vulnerability of drinking water sources.

18	Implement the St. Lawrence Action Plan 2011–2026	MDDEFP/EC	November 29, 2011	Also helps meet Objectives 5 and 10. Primarily aimed at decision makers, the State of the St. Lawrence Monitoring Program by the State of the St. Lawrence Monitoring workgroup also helps keep the public informed about the state of the St. Lawrence.
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**Objective 13: Ensure that water stakeholders and users have access to water conservation and efficiency tools**

No.	Measure implemented or under development	Ministry assigned	Effective date	Justification
<b>Target 13.1 : Develop tools to help municipal and agricultural water stakeholders set up water conservation and efficiency practices</b>				
40	Rainwater management guide	MDDEFP	Published in February 2011	The guide provides an overview of different approaches and techniques to reduce the effects of urbanization on water supply. In addition to rainwater best practices, it presents criteria that can help users plan, design, and implement best practices. This measure provides water users with water conservation and efficiency tools.
41	Produce guides and translate AWWA guides (SEEP)	MAMROT	Ongoing	As a tool for municipalities, some documents have been produced (model municipal regulation on the use of drinking water, basic form to measure results, "L'économie d'eau potable et les municipalités" guide, AWWA guides translated into French, economic assessment of the Strategy, etc.) and others are in production (sample specification for locating leaks, economic impact study on installing counters and pricing, etc.). As a tool for all ministries, consumption studies are underway in 50 institutional buildings and a guide is in production.
42	Information sheet intended for business owners on water management best practices, to be posted on the MFE website and Québec Portal	MFE	Under development / schedule TBD	TBD

**Objective 14: Recognize exemplary water conservation and efficiency actions by water stakeholders and users in the various sectors**

No.	Measure implemented or under development	Ministry assigned	Effective date	Justification
<b>Target 14.1 : Develop a means to recognize exemplary actions in the municipal sector</b>				

43	Work with partners to develop a recognition program for outstanding municipalities	MAMROT	2013	The efforts of outstanding municipalities may be recognized at municipal association meetings. This measure serves to recognize exemplary actions in the municipal sector and encourage ongoing water conservation and efficiency efforts.
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