

Water Conservation, Efficiency and Productivity Sector Planning Recommendations

Project Team	Rec #	Project Completion	Implementer	Implementati on Target	Recommendation	Status at-a-glance			Status
						Implemented	In Progress	Not Under Consideration at this time	<b>*NOTE* The updates below are provided by the identified implementer(s) and do not necessarily reflect the interpretation of the Alberta Water Council except where the implementers are identified as the 7 Priority Sectors. Those updates are provided by the project manager of the current CEP team.</b>
WCEP Sector Planning	1	16-Sep-08	AIPA, AUMA		That the irrigation and municipal sector pilot plans become the sectors' formal plans once the plans meet the Criteria for Review of Sector Plans by the Alberta Water Council.	●			The municipalities' sector plan was presented to Council in March 2010 and the irrigation sector plan was presented to Council in June 2010. Both plans were adopted by their respective organizations.
WCEP Sector Planning	2	16-Sep-08	7 Priority Sectors		That the seven priority sectors have a CEP plan in place by December 2010 (irrigation, municipal, power generation, oil and gas, mining, chemical and petrochemical, and forestry).	●			The team's terms of reference was amended to reflect the amount of time necessary to complete a sector plan. Following the pilot plans, the Oil and Gas and Oil Sands Mining plan was complete in March 2011; the Forestry sector's plan was complete in October 2011; the petrochemical sector's plan was complete in March 2012; the power generation sectors' plan was complete in June 2012; and the chemical sectors plan was complete in March 2013.
WCEP Sector Planning	3	16-Sep-08	7 Priority Sectors		That sectors use the Annotated Table of Contents document as a guide for the development of their respective CEP plans.	●			All seven priority sectors developed their respective CEP plans following the Framework and ATOC.
WCEP Sector Planning	4	16-Sep-08	7 Priority Sectors		That stakeholder consultation occur throughout the development of a sector plan as per the three options (A, B and C) identified in the Framework.	●			Stakeholder consultation for all seven sector plans followed either options B or C. The power generation sector is unique in that individual companies undertook the multi-stakeholder review using either option B or C.
WCEP Sector Planning	5	16-Sep-08	7 Priority Sectors		That each of the seven sectors present its draft CEP plan to the Alberta Water Council outlining specifically how it meets the Criteria for Review. Individual Alberta Water Council members will be provided with an opportunity to forward comments to the sector on the draft plan prior to its final adoption. It is recommended that a sector consider the comments and provide a response or amend the draft plan as needed.	●			All seven sectors presented their plans to Council. Individual Council members were provided an opportunity to forward comments to the sector on the plan.
WCEP Sector Planning	6	16-Sep-08	7 Priority Sectors		That sectors with CEP plans that have been finalized make their plans public.	●			Six of the seven priority sectors have umbrella organizations and their CEP plans are posted to their websites. All seven sector plans are available on the AWC's website on the WCEP project page. Also on the Water for Life, Water Conservation, CEP Plan page.

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WCEP Sector Planning	7	16-Sep-08	7 Priority Sectors		That sectors produce annual or biennial progress reports to the Alberta Water Council or Alberta ESRD summarizing their progress in implementing their plan and achieving desired outcomes. Reports provided to Alberta ESRD will be made available to the Alberta Water Council. Each sector should report on the performance measures and targets outlined in its plan in order to track progress against the plan.	●			The two sectors that completed sector CEP plans in 2010 (irrigation and urban municipalities) prepared and submitted interim progress reports based on data as of Dec 2012 to the Alberta Water Council in October 2013. The Forestry sector presented an interim update to the AWC in March 2014. All seven sectors provided implementation reports at an AWC-hosted session in October 2015. All the updates are available on the AWC's website. A fourth AWC CEP project team is working to evaluate the success of the CEP process, including the contributions made to the aspirational WFL target of improving water use efficiency and productivity by 30% from 2005 levels by 2015, the three goals of Water for Life and the AWC-approved CEP desired outcomes. The team will also consider the need for future reporting on the implementation of sector plans. The team is expected to complete its work in early 2017.
WCEP Sector Planning	8	16-Sep-08	7 Priority Sectors	On-going	That CEP reporting by sectors is transparent and desired outcomes identified in the CEP plan are reported as appropriate to the Alberta Water Council, sector stakeholders, Watershed Planning and Advisory Councils, and the public.	●			Updates reported to the Alberta Water Council have been made publicly available on the AWC website.
WCEP Sector Planning	9	16-Sep-08	AWC	16-Sep-12	That four years after the acceptance of the CEP Project Team's report, the Alberta Water Council conduct a formal evaluation of the CEP sector planning process to determine the extent to which the achieved results have contributed to <i>Water for Life</i> goals. This would include (a) Reviewing the success of individual sector plans both against their original plan's targets and against actual conservation, efficiency, and productivity outcomes (e.g., water saved). The performance measures outlined in the plans will serve as the primary guide for measuring progress. (b) Evaluating whether the approach to sector planning (the Framework, Criteria, and Annotated Table of Contents) as recommended by the CEP team is working and whether changes are necessary. (c) Recommending enhancements and other changes to the sector planning components (Framework, Criteria, Annotated Table of Contents) as determined by the evaluation. This could include a recommendation to Alberta Environment that they consider mandatory CEP planning such as requiring water licence holders to develop and implement CEP plans. (d) Preparing and publishing a report on the success of sector plans in achieving their stated CEP objectives and in particular their contribution towards the <i>Water for Life</i> goal of a 30% improvement in water efficiency and productivity. (e) Determining whether there is a need for ongoing monitoring and evaluation of the CEP sector planning process.		●		This project team is underway and is expected to submit a report to the AWC in early 2017.

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WCEP Sector Planning	10	16-Sep-08	WATSUP Team		That the Water Allocation Transfer System Upgrade Project Team consider a recommendation to Alberta Environment that transferees (recipients of the transferred water) be required to demonstrate CEP actions in their water use.	●			Recommendation 17 from the Council's <i>Water Allocation Transfer System Upgrade Project states "...the water allocation transfer system encourage water conservation and water reuse, and regulatory requirements on return flow not act as a hindrance or disincentive to conservation and efficiency efforts."</i>
WCEP Sector Planning	11	16-Sep-08	ESRD		That Alberta ESRD require applicants for new water licences and renewals to consider and propose CEP measures in the licence application process. Where watershed conditions indicate a need, these measures would be reflected in a licence as conditions or determinants of volume.	●			Currently, AEP does consider best management practice with respect to water when issuing and renewing licences.
WCEP Sector Planning	12	16-Sep-08	ESRD		That CEP measures be incorporated into the Standards and Guidelines for Municipal Waterworks, Wastewater and Storm Drainage Systems document published by Alberta Environment at the time of its next review.	●			Standards and guidelines for municipal waterworks, wastewater, and stormwater drainage systems now exist independently allowing for ability to be worked on/revised separately. WCEP recommendations being considered in review of guidelines. As federal government currently reviewing wastewater regulations, effort being made to ensure provincial regulations are in alignment with federal regulations.
WCEP Sector Planning	13	16-Sep-08	ESRD	1-Jun-09	That the Government of Alberta explore opportunities for incenting CEP activities as part of provincial grants associated with updates to wastewater treatment systems, water supply and other water related infrastructure improvements, and report to the new Project Team mid-2009.			●	No development on creating incentives for implementing CEP activities.
WCEP Sector Planning	14	16-Sep-08	ESRD		That Alberta ESRD consider rewarding and recognizing achievements in CEP by members of a sector, in alignment with the CEP plan of their sector.		●		AEP worked with the Council of the Federation in support of awarding the Excellence in Water Stewardship Award (2013) to the AUMA for its CEP plan.
WCEP Sector Planning	15	16-Sep-08	AWC		That the Alberta Water Council explore opportunities for recognizing sector associations and sector members for CEP initiatives (e.g., recognition by the Alberta Emerald Foundation).		●		Staff have researched opportunities to recognize the AWC for the CEP initiative with an Emerald Award, and expect to nominate either the AWC or the Members representing the sectors who developed CEP plans as a result of the sectors implementing their plans.
WCEP Sector Planning	16	16-Sep-08	7 Priority Sectors		That the initial focus of sector planning be on capturing the largest individual water users within a sector or on users representing most of the water use in a sector. A subsequent focus would be on getting all members engaged in CEP activities.	●			All seven priority sectors focused on capturing the largest water users in their respective sectors. The Forestry sector plan went beyond its own membership to ensure large water-users were captured. Members of the Power Generation sector worked together without an umbrella organization to capture the largest water-using companies in their sector. Urban Municipalities sector has developed tools to enable smaller municipalities to engage in CEP activities.
WCEP Sector Planning	17	16-Sep-08	7 Priority Sectors		That the seven priority sectors outline in their CEP plan how they will encourage their members to report on their water use (i.e., through sector initiatives and/or Alberta Environment's electronic water use reporting system).	●			The sector plans outline how their members report their water use.

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WCEP Sector Planning	18	16-Sep-08	ESRD		That Alberta ESRD improve participation in electronic water use reporting to ensure that needed information is available to sectors for CEP planning. Alberta Environment should consider mandatory electronic reporting for larger water users as a means to improve participation.		●		Most licences with allocations over 6250 m3 have been amended to require online reporting. Currently working on modifying the Water Use Reporting Tool to collect information by sector in order to measure progress made on CEP plans. Tools are being developed to allow for public access to the WUR data system.  AEP worked with AUMA and AWC to prepare a video for AUMA members to help with completing online water use reporting. Video is posted on AUMA and AWC websites. Weblink: <a href="https://www.youtube.com/watch?v=jSOZufZzatE">https://www.youtube.com/watch?v=jSOZufZzatE</a> .
WCEP Sector Planning	19	16-Sep-08	7 Priority Sectors		That each of the seven priority sectors establish a base year for documenting and measuring CEP gains, and that the base year be an average of any three years in the period 2000 to 2005.		●		Each of the seven sectors has chosen a base year that makes sense for them to evaluate against. The irrigation sector plan uses a rolling 10-year average to allow for natural variability in weather patterns as its sectors water use is heavily dependent on annual rainfall. The forestry sector has chosen 2000 as a base year as good data was available at the sector level. Details are available in the sector's CEP plans.
WCEP Sector Planning	20	16-Sep-08	AWC		That at a minimum, the CEP team's report to the Alberta Water Council be posted to the Water Council's website.		●		Complete
WCEP Sector Planning	21	16-Sep-08	AWC	1-Mar-09	That a new multi-stakeholder project team be established for the tasks listed below. This team would have representation from the seven priority sectors, Alberta Environment and other stakeholders identified by the Alberta Water Council. (a) To serve as a forum for sectors to share ideas, experiences and challenges in developing and implementing sector plans. (b) To receive reports from sectors on progress on CEP planning. (c) To provide a venue to discuss challenges, share ideas, and provide assistance if necessary to ensure successful adoption of the multi-stakeholder component in sector planning. (d) To evaluate whether the approach to participation as outlined in this report is working and where necessary to recommend improvements that would result in increased participation by individual members of a sector. (e) To determine the need for enhancements and changes to the Framework document and Annotated Table of Contents. (f) To determine how to assist sector members that may not have the capacity to fully implement CEP plans (e.g., data and reporting components) and to make recommendations for how such assistance might be provided. (g) To determine how to aggregate information based on the planned targets and performance measures so as to enable the Alberta Water Council to assess the overall success of CEP plans in achieving <i>Water for Life</i> goals and outcomes. (h) To prepare a report to the Alberta Water Council on the progress of sector plans in achieving CEP objectives. Data from this report would be used by the Alberta Water Council in its Report on Implementation of the <i>Water for Life</i> Strategy.		●		The most recently completed CEP team's report and recommendations was by the Board in March 2013. Tasks a) through f) from the terms of reference are addressed in the report. Tasks g) and h) were deferred to the next CEP team which will be responsible for monitoring and evaluating the progress of the sectors in achieving the CEP targets set out in their sector plans as well as WFL goals. The recommendations in the report provide guidance for the timing and content of implementation progress updates to the Council and lists the tasks the next CEP team will undertake. That team is expected to begin its work in 2015.

