Evaluating Sector Improvements in Water CEP (October 2017)

Rec #	Recommendation	Implementer(s)	Implementation Target	Latest Status Update (Year provided)	2020 Status	Comments from Latest Update (Please include any new comments in track changes)
1	Major water-using sectors collaborate with the Government of Alberta and other partners including the Alberta Water Council to continue reporting CEP trends and progress. Reporting will occur through the Alberta Water Council at five-year intervals using the performance indicators and baseline data in Appendix C (ongoing).	Major water-using sectors	Ongoing	Pending – to be completed (2019)	Pending – to be completed	All sectors presented update reports on water CEP trends and progress to the AWC in 2015. Next update should be provided in 2020. **AUMA**: continues to monitor progress as data comes available from municipalities, the Government of Alberta and Statistics Canada. AUMA is planning to update CEP targets to reflect progress and promote continuous improvement. **RMA:** As identified through the AWC's project team process, the RMA continues to support the CEP Plan developed by AUMA as it is more applicable to urban municipalities as a major water using sector. As rural municipalities are not formally a part of the AUMA's CEP Plan, the RMA continues to share AUMA's Water Hub as a valuable resource for rural municipalities interested in exploring CEP opportunities. Municipal associations have continued to work with the Government of Alberta to improve the ability to report CEP trends. **Forestry:** continues to engage with AEP on water related issues but recent proposed changes to effluent limits may put CEP gains in jeopardy. As stated previously in our CEP reports the forest sector will not risk regulatory compliance to meet voluntary water reduction targets. **Power Generation:** Metrics and methodology have been developed to allow sector to report on CEP trends and progress at each five-year review.
2	Major water-using sectors continue working with the Government of Alberta to resolve existing challenges with the Water Use Reporting System to improve data collection, management and reporting tools to track CEP trends and report progress (ongoing).	Major water-using sectors	Ongoing	Pending – to be completed (2019)	Pending – to be completed	Individual sectors provided their own assessments of the status of this recommendation and some consider it implemented. The overall status on the left reflects that, for some sectors, this recommendation is still considered pending. **Irrigation:** Implemented (alternative approach). Water Use Reporting for the majority of water licenses held by Irrigation Districts is not completed through the WUR system rather through direct reporting to Alberta Agriculture and through Annual Report publication. Only a few water licenses require entry into the WUR system; barriers encountered were resolved by submitting water use directly to GoA staff. **Forestry:** Implemented. WURS has not evolved to the point that queries to the system can be accomplished as originally intended. **Downstream petroleum:** Pending (to be completed). Individual CFA members (WURS users) intend to have these discussions with GoA in the future, but this has not yet happened. The GoA did not approach water using sectors with any updates to WURS in 2019. **AUMA and RMA:** Pending (to be completed). Urban and municipalities with water licenses continue to provide water use data through the Water Use Reporting System (WURs) as required. The AAMDC and AUMA have continued to raise challenges with the Government of Alberta regarding the WURs related to transparency and accessibility. **Chemical:** Pending. CIAC member companies committed to working with GoA to improve data collection, management and reporting tools. **Power Generation**: Facilities report through operating approval requirements. Sector also participates in any GOA consultation on improvements to data collection and reporting.
3	Major water-using sectors raise their members' awareness of the responsibility to report their water use and encourage reporting where appropriate (ongoing).	Major water-using sectors	Ongoing	Pending – to be completed (2019)	Pending – to be completed	Individual sectors provided their own assessments of the status of this recommendation and some consider it implemented. The overall status on the left reflects that, for some sectors, this recommendation is still considered pending. **Irrigation:** Implemented (alternative approach). Water Use Reporting for water licenses held by Irrigation Districts continues to be reported on an annual basis as has occurred for many years. **Forestry:** Implemented. Water use reporting is a regulatory requirement. **DS petroleum:** Implemented (as written). All CFA members already do accurately report water use to WURS as well as Stats Can.

						AUMA and RMA: Pending (to be completed). AUMA and RMA continue to share information with members related to water use and water use reporting when appropriate through various communication mechanisms including AUMA's weekly newsletter and Water Management Hub. **Chemical:** Implemented. All members (CFA and CIAC) are accurately report their water use to StatsCan and GoA. **Power Generation**: Facility operating approvals contain specific requirements with respect to reporting water use.
4	The Government of Alberta continue working to make the Alberta Water Use Reporting System publicly accessible (ongoing).	Government of Alberta	Ongoing	Partially Implemented (2019)	Implemented: Alternative Approach	AEP developed WURS database query and viewing capability for extracting information. This query/viewer tool is being used internally and is being used by staff to provide data to the public. Developing functionality that would allow for self-serve use by the public is possible within the current tool architecture but is not scheduled for implementation at this time due to limited internal IT resources and overall project priority.