

Aquatic Invasive Species						
Rec #	Recommendation	Implementer(s)	Implementation Target	Last Status Update (Year provided)	2017 Status	Comments from Latest Update (Please include any new comments in track changes)
1	The Government of Alberta continue working with governments and national, regional and local partners to enhance the effectiveness of the provincial AIS program, focusing particularly on <ul style="list-style-type: none"> • prevention; • increasing public awareness of AIS and their potential impacts, targeting high-risk audiences; and • supporting AIS-related stakeholder communication and coordination networks. Significant progress should be evident over the course of 2016 and 2017.	Government of Alberta	Ongoing, with significant progress through 2016-2017	In progress (2016)	Pending-to be completed	<p>Initiated and ongoing. AEP participates in many local, regional, national and international organizations and groups to enhance collaboration and AIS program success. The Alberta program is the result of a collaboration of many different ministries, including Environment and Parks (Policy and Planning, Operations, and Parks Divisions); Agriculture and Forestry; and Justice and Solicitor General. Many non-government groups and industries are participating in program development including Alberta Irrigation Projects Association, Alberta Invasive Species Council, Alberta Summer Villages Association, and the Alberta Lake Management Society.</p> <p>Other national and international partners include; the Crown Managers Partnership, the Pacific Northwest Economic Region, the Western Regional Panel, the Columbia River Basin AIS Working Group/100th Meridian, and the National Aquatic Invasive Species Committee, and the AIS Working Group for Western Canada. The focus of all of these partnerships is prevention, as well as enhanced coordination and awareness.</p>
2	The Government of Alberta collaborate with and support industry, non-government organizations, academia and other orders of government to develop and disseminate effective AIS tracking and control options for long-term management by the end of 2018.	Government of Alberta	December 31, 2018	Not under consideration at this time (2016)	Pending-uncertain	<p>We are in collaboration with the Alberta Invasive Species Council, to develop EDDMapS (Early Detection & Distribution Mapping System)- an easy, simplified reporting and tracking tool through a web-based mapping system for documenting invasive species distribution (terrestrial and aquatic). This system will be fully functional in early 2018 and launched with a public education campaign on appropriate ways to report invasive species.</p> <p>A long term program is still under development – this task is certainly a need and will be addressed when possible.</p>
3	The Government of Alberta work with its partners to communicate success stories of AIS management.	Government of Alberta	Ongoing	In progress (2016)	Pending-to be completed	<p>Media coverage (television and print) has been extensive involving our partners' goldfish eradication efforts and flowering rush control efforts in 2017. There are more opportunities to highlight the black bullhead eradication in Fort McMurray through the Alberta Environment and Parks blog and website. The county of Newell presented at the Alberta Irrigation Projects Association annual conference on collaboration regarding eradication of invasive <i>Phragmites</i>. Information on numbers of inspected watercraft and numbers of confirmed mussel fouled watercraft are regularly reported to partners throughout the inspections season.</p>
4	The Government of Alberta work with AEMERA to develop and begin implementing a provincial AIS monitoring plan for fish, invertebrates and aquatic plants, with assistance from stakeholders, including citizen scientists, by spring 2017.	Government of Alberta	Spring 2017	In progress (2016)	Pending-uncertain	<p>Monitoring is led by the Environmental Monitoring and Science Division but it is a collaboration between AEP (EMSD, Parks, and Operations), Alberta Lake Management Society, Alberta Irrigation Projects Association, and Alberta Agriculture and Forestry.</p> <p>Alberta Monitoring and Science Division coordinated the sampling of; 12 irrigation reservoirs, 87 lakes/reservoir basins, 23 outlet canals, and 2 rivers (passive in-situ substrate and veliger). 64 veliger samples and 177 samples for in-house identification from watercraft inspection stations (aquatic plants and invertebrates). Total of 179 sampling sites, which generated 449 samples. All samples were negative for zebra and quagga mussels as well as spiny waterflea.</p> <p>There is no specific AIS monitoring program at this time. Currently we are able to use an existing GOA program (water chemistry monitoring) to leverage invasive mussel and spiny waterflea monitoring.</p>
5	The Government of Alberta maintain the mandatory watercraft inspections element of the AIS program and also begin inspecting other vectors of potential introduction by 2017. This should include working with stakeholders where inspections are planned to raise the profile of the issue and increase buy-in from the public.	Government of Alberta	2017	In progress (2016)	Pending-to be completed	<p>The <i>Fisheries (Alberta) Act</i> was amended in 2015 to provide for a more robust aquatic invasive species program including mandatory watercraft inspection stations (motorized, non-motorized, commercial haul). Alberta follows inspection and decontamination standards and protocols used throughout the west. This ensures that boaters traveling within western states and provinces will have a similar experience at inspection stations. Watercraft</p>

						inspections in Alberta for 2017 saw over 30,000 watercrafts inspected, 19 intercepted with invasive mussels, 12 intercepted with invasive plants, and 2 intercepted with live amphibians. The Aquatic Invasive Species program will continue with mandatory watercraft inspections in 2018.
6	The Government of Alberta have a protocol in place by the spring of 2017 to ensure that fishery officers and fishery guardians are educated and trained on their authority to enforce AIS legislation.	Government of Alberta	Spring 2017	In progress (2016)	Pending-to be completed	On-going. Training is given yearly to all watercraft inspectors and those appointed as Fishery Guardians.
7	The Government of Alberta share information on enforcement activities and potential penalties with stakeholders and the public to raise the profile of the AIS issue.	Government of Alberta	Ongoing	In progress (2016)	Pending-to be completed	The Aquatic Invasive Species program works closely with Justice and Solicitor General. Creative solutions have been found to increase enforcement capacity through appointing RCMP, Traffic Sheriffs, and Commercial Vehicle Enforcement as Fishery Guardians. Specified penalties are a priority for the Aquatic Invasive Species program for 2018.