CVC Priority Aquatic Invasive Species & Fish Diseases

COMMON NAME	SCIENTIFIC NAME
CATEGORY 1 - High Priority	
Species that are present in the watershed that have the potential to disrupt entire aquatic communities. Species distribution and occurrence is such that efforts to eradicate may prove successful if undertaken in a timely manner.	
Rusty crayfish	Orconectes rusticus
CATEGORY 2 - Medium Priority	
Species that are present in the watershed that have the potential to disrupt entire aquatic communities. The characteristics of dispersal and introduction of this species to new areas of the watershed is such that containment over the long term is not likely feasible. Efforts should focus on actively monitoring and management over the long term.	
Algae*	Cladophora
Carp	Cyprinus carpio (Common), Ctenopharyngodon idella (Grass), Hypophthalmichthys molitrix (Silver), Hypophthalmichthys nobilis (Bighead), Mylopharyngodon piceus (Black)
Round goby	Apollonia melanostoma
Sea lamprey	Petromyzon marinus
Zebra and Quagga mussel	Dreissena polymorpha and D. rostriformis bugensis
CATEGORY 3 - Low Priority	
This category includes species where an understanding of impacts or potential threat is uncertain. Efforts should focus on monitoring and opportunistic removal.	
Goldfish	Carassius auratus
Oriental mystery snail	Cipangopaludina chinensis
Red-eared slider turtle	Trachemys scripta elegans
Ruby red fathead minnow	Pimephales promelas
CATEGORY 4 - Watch Listed	
These are species that are not as yet present in the watershed. These are on a 'watch list' of species that have the potential to impose significant impacts on aquatic systems should they be introduced. Rapid response to detection is advisable on any new reports.	
Algae (Rock snot)*	Didymosphenia geminata
Bloody-red mysid	Hemimysis anomala
Columnaris	Flavobacterium columnare
Louisiana crayfish	Procambarus clarkia
Mosquito fish	Gambusia affinis
Rudd	Scardinius erythrophthalmus
Ruffe	Gymnocephalus cernuus
Snakehead	Genera Channa and Parachanna
Spiny/fish hook waterflea	Bythotrephes longimanus
VHS	Viral hemorrhagic septicaemia

* Species native to Ontario