



**Department of Ecology - Water Quality Program
Aquatic Weeds Management Fund
Final Offer and Applicant List – Fiscal Year 2014**

Application Number ¹	Applicant Name/Project Title	Rank	Total Funds Requested	AWMF Funds Offered	Footnote
AWMF1401	Chehalis River <i>Egeria densa</i> Control Thurston County Noxious Weed Control Board	1	\$62,257	\$62,257	
AWMF1410	Does Weed Management Benefit Fish? School of Aquatic and Fishery Sciences, UW	2	\$58,170	\$58,170	
AWMF1408	Toxicity of Herbicides to Amphibians Washington Cooperative Fish & Wildlife Research Unit	3	\$74,929	\$74,929	
AWMF1402	Lake Stevens Milfoil Control Program City of Lake Stevens	4	\$42,000	\$42,000	
AWMF1404	Heart Lake Milfoil Action Program City of Anacortes	5	\$40,875	\$40,875	
AWMF1407	Columbia River Gorge Aquatic Weed Project Skamania County Noxious Weed Control Program	6	\$15,197	\$15,197	
AWMF1409	Eloika Lake Invasive Weed Maintenance Project Spokane Conservation District and the ELA	7	\$28,125	\$25,000	1
AWMF1403	Newman Lake Eurasian Milfoil Control Project Newman Lake Flood Control Zone District	8	\$75,000	\$50,000	1

AWMF1406	Crack Willow Vegetation Management Plan Yakima County	9	\$20,000	\$0.00	
AWMF1405	Horseshoe Lake Aquatic Monitoring Project City of Woodland	10	\$29,200	\$0.00	
TOTAL FUNDS REQUESTED AND OFFERED			\$445,753	\$368,428	

Footnotes:

¹ Partial funding for control work only on non-native invasive species



**Department of Ecology - Water Quality Program
Aquatic Weeds Management Fund
Fiscal Year 2014 Project Descriptions**

Application Number	Applicant Name	Project Title	Rank	Project Summary
AWMF1401	Thurston County Noxious Weed Control Board	Chehalis River <i>Egeria densa</i> Control	1	Continue to monitor and remove <i>Egeria densa</i> from approximately 34 river miles of the Chehalis River. Since originally discovered in 1999 Brazilian elodea populations reached 35 acres in 2005. Removal has been conducted each season since with reductions of about 97% . This project will continuing the monitoring and removal of satellite infestations through the entire length of the previous infestation preventing it from dominating the habitat as it did in 2005
AWMF1410	School of Aquatic and Fishery Sciences, UW	Does Weed Management Benefit Fish?	2	This project will determine the impacts of aquatic weed invasions on sensitive fish species (with focus on Olympic mudminnow) in the Chehalis River Basin. This project will also quantify the potential for removal of invasive weeds to positively impact fish populations using generalized metrics of habitat availability and suitability
AWMF1408	Cascade Water Alliance	Toxicity of Herbicides to Amphibians 2	3	This project will determine the hazard to native amphibians exposed to aquatic herbicide tank mixes combined with the presence of predators. We will also validate our ability to extrapolate behavior of laboratory-reared frogs to wild populations.
AWMF1402	City of Lake Stevens	Lake Stevens Milfoil Control Program	4	Eurasian watermilfoil in Lake Stevens will be eradicated by diver removal and Triclopyr treatment. This is a continuation of the watermilfoil eradication program. Initial Triclopyr treatment in 2011 had a high reduction success rate. Monitoring will continue and future treatment will be provided as needed.
AWMF1404	City of Anacortes	Heart Lake Milfoil Action Program	5	We will use divers to hand pull hybrid milfoil near the boat launch and major fishing area (approx. 3 acres) and use herbicides (triclopyr and 2,4-D) on two test plots.

AWMF1407	Skamania County Noxious Weed Control Program	Columbia River Gorge Aquatic Weed Project	6	Installation of prevention signage at public boat launches along the Columbia River to prevent aquatic weed spread. Inventory of aquatic noxious weed species on 104 miles of Columbia River shoreline, with development of management plan. We will hosting a workshop to assist with project development, permitting and planning for all regional partners.
AWMF1409	Spokane Conservation District and the ELA	Eloika Lake Invasive Weed Maintenance Project	7	The Eloika Lake Invasive Weed Maintenance Project will primarily target and control Eurasian watermilfoil (EWM). The project will continue to suppress the EWM infestation and maintain a population density of less than 2% of the lake. Funding will cover the control portion of this application only.
AWMF1403	Newman Lake Flood Control Zone District	Newman Lake Eurasian Milfoil Control Project	8	Newman Lake's goal is to use hydro-acoustic studies performed by Washington State University to map and treat deeper growing, large infestations of Eurasian watermilfoil which have previously been overlooked. We will utilize a new Adopt-A Shoreline Program to raise private funds and incorporate alternative non-chemical treatments into our IAVMP. Partial funding will cover assistance with the herbicide control portion of this project only.
AWMF1406	Yakima County	Crack Willow Vegetation Management Plan	9	Develop an ecological profile and potential control/management strategies for Crack Willow (<i>Salix fragilis</i>) and Hybrid Crack Willow (<i>Salix x rubens</i>) in the Yakima Basin. This tree is a known invasive plant in other countries and states within the US, and alters stream channel, habitat, and vegetative characteristics
AWMF1405	City of Woodland	Horseshoe Lake Aquatic Monitoring Project	10	The Horseshoe Lake Aquatic Monitoring Project will conduct baseline mapping of aquatic vegetation and water quality monitoring. This data will be utilized to develop an integrated Horseshoe Lake Management Plan that identifies opportunities to improve lake functions and quality as well as develop a public outreach plan for lake education.