



**Department of Ecology - Water Quality Program
 Freshwater Algae Control Program
 Final Offer and Applicant List – Fiscal Year 2012**

Application Number	Applicant Name/Project Title	Rank	Total Funds Requested	FACP Funds Offered	Footnote
FACP1204	Snohomish County Lake Ketchum Algae Control Plan	1	\$39,300	\$39,300	
FACP1202	Thurston County Public Health Blue-green Algae Toxin Monitoring and Response	2	\$50,000	\$50,000	
FACP1208	Washington Department of Health Harmful Algae Bloom Exposure Reduction	3	\$36,336	\$36,336	
FACP1209	City of Kent Lake Fenwick Whole-Lake Alum Treatment	4	\$50,000	\$50,000	
FACP1207	King County Water and Land Resources Practical Applications in Algae Management	5	\$49,944	\$49,944	
FACP1201	City of Federal Way Federal Way Lake Algae Project	6	\$33,518	\$33,518	
FACP1205	Grant County Health District Moses Lake, Potholes Cyanobacteria Surveillance	7	\$26,429	\$26,429	
FACP1206	Jefferson County Public Health Jefferson County Lakes Toxic Algae	8	\$30,000	\$30,000	
FACP1203	City of Lakewood Zero-valent Iron Nutrient Inactivation	9	\$11,250	\$11,250	
TOTAL FUNDS REQUESTED AND OFFERED			\$326,775	\$326,775	



**Department of Ecology - Water Quality Program
Freshwater Algae Control Program
Fiscal Year 2012 Project Descriptions**

Application Number	Applicant Name	Project Title	Rank	Project Summary
FACP1204	Snohomish County	Lake Ketchum Algae Control Plan	1	The Lake Ketchum Algae control Plan will identify the measures needed to control both internal and external nutrient sources at the lake. Goals of the plan will be to reduce the growth of cyanobacteria and stop toxic algal blooms that currently impair the use of Lake Ketchum.
FACP1202	Thurston Co Public Health	Blue-green Algae Toxin Monitoring and Response	2	Thurston County had five lakes with simultaneous toxic algae blooms in 2010. This project will involve developing an efficient and effective means of communicating toxic algae advisories to lake residents and users. The project will also examine an alternative to the grab sampling method of testing for the presence and quantification of microcystin.
FACP1208	WA Dept. of Health	Harmful Algae Bloom Exposure Reduction	3	Animal illnesses are sentinels for human health impacts from toxic cyanobacteria exposure. Washington DOH proposes to raise citizen awareness and provide stakeholder outreach through creation and distribution of animal safety alert posters, distribution of CDC fliers, and teleconference workshops for veterinarians on cyanotoxin symptoms and treatment options for exposed animals.
FACP1209	City of Kent	Lake Fenwick Whole-Lake Alum Treatment	4	To reduce elevated phosphorus levels in Lake Fenwick and to meet TMDL requirements, the City of Kent will apply a whole-lake treatment of aluminum sulfate (alum). This will improve lake aesthetics and fish habitat, and reduce the likelihood that toxic algae blooms will develop.

Application Number	Applicant Name	Project Title	Rank	Project Summary
FACP1207	King County Water and Land Resources	Practical Applications in Algae Management	5	Practical Applications in Algae Management will test three different techniques to prevent scum accumulation along shorelines and/or to remove scums from areas used for recreational purposes and where pet exposure is at high risk. These methods would provide local resource managers with low-cost, simple tools to reduce risk and/or prevent the need for beach closures.
FACP1201	City of Federal Way	Federal Way Lake Algae Project	6	The project will involve the implementation of a comprehensive freshwater lake algae bloom management program in Federal Way. Efforts will include a refinement of Surface Water Management activities that will include: response to public reports/complaints, field evaluations, site inspections, water quality sampling, sample delivery/analyses, public notifications, data reporting, and community outreach.
FACP1205	Grant County Health District	Moses Lake, Potholes Cyanobacteria Surveillance	7	The applicant proposes to undertake year long collection of phosphate samples from Moses Lake and Potholes tributaries. They will also collect algae samples to analyze for toxins. The information will be used to notify the public about toxic blooms and to help identify local sources of phosphate that will be used for future policy development.
FACP1206	Jefferson County Public Health	Jefferson County Lakes Toxic Algae	8	This project will continue where the previous grant-funded project left off. Jefferson County Health Department will sample lakes for algal toxins, post warning signs when toxin levels exceed state guidelines, and undertake a variety of outreach activities to educate the public about toxic algae threats.
FACP1203	City of Lakewood	Zero-valent Iron Nutrient Inactivation	9	This project will involve an experimental use of zero-valent iron to remove soluble reactive phosphorous from an inlet creek (Ponce de Leon) and the south basin spring area of Steilacoom Lake. Reduction in soluble reactive phosphorous levels lake-wide could eliminate toxic cyanobacteria blooms.