



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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May 1, 2007

Beth Cullen
King County Department of Natural Resources and Parks
201 South Jackson St., Suite 600
Seattle, WA 98104-3855

**Re: Centennial Clean Water Fund
Agreement No. G0600071, Amendment No. 1
Cottage Lake Phosphorus Reduction**

Dear Beth:

Enclosed is a signed original of Amendment No. 1 to the above-referenced agreement between the Department of Ecology and King County Department of Natural Resources and Parks for the Cottage Lake Phosphorus Reduction Project. This amendment is needed to adjust the scope of work to produce better results and to extend the expiration date.

If you have any questions, please call me at (360) 407-6570, or email me at jcla461@ecy.wa.gov.

Sincerely,

Joan Clark
Financial Manger
Water Quality Program

Enclosures

cc: Joanne Polayes, Ecology/NWRO/WQP



AMENDMENT NO. 1
TO GRANT AGREEMENT NO. G0600071
BETWEEN THE
STATE OF WASHINGTON DEPARTMENT OF ECOLOGY
AND
KING COUNTY DEPARTMENT OF NATURAL RESOURCES AND PARKS

PURPOSE: To amend the above-referenced grant agreement between the Department of Ecology [DEPARTMENT] and the King County Department of Natural Resources and Parks [RECIPIENT] for the Cottage Lake Phosphorus Reduction Project. This amendment is needed to adjust the scope of work to produce better results and achieve meaningful performance measures. This amendment also extends the expiration date from December 31, 2009, to June 30, 2011.

IT IS MUTUALLY AGREED that the grant agreement is amended as follows:

1. The project scope of work shall be modified as follows:

a. The following shall be deleted:

Task 2 – Education and Outreach

- A. Survey – The RECIPIENT, with the input of active Steering Committee Members, will distribute a survey to the Cottage Lake watershed, gathering information about knowledge, attitudes, and behaviors surrounding phosphorus pollution in the lake. After the surveys are returned, the RECIPIENT shall use the results to identify which areas of knowledge regarding phosphorus pollution would best be targeted by an educational campaign.
- B. Outreach – Using results from the survey, the RECIPIENT shall work with the community to develop educational outreach media. This will include, but not be limited to, door hangers, brochures, newsletters, web pages, etc. to inform the community about phosphorus pollution and what they can do to help. This is a direct approach to educate and motivate people on the phosphorous pollution problem.
- C. Workshops – The RECIPIENT will host several workshops over the course of the project to deliver hands-on tips and BMPs to lessen individual impacts on Cottage Lake by reducing phosphorus inputs and other pollutants, such as fecal coliform bacteria. The workshops will include, but will not be limited to, topics such as Natural Yard Care and septic system maintenance and repair. The purpose of these workshops are to give residents the tools and understanding to implement BMPs in their daily lives to decrease their impacts upon and the pollutants that go into Cottage Lake.

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- D. Post Survey – At the conclusion of the educational activities the RECIPIENT will reissue a watershed-wide survey to see how behaviors and attitudes towards Cottage Lake health have changed. This will be a way to quantify the effectiveness of the educational campaign.
- E. Guidebook and Slide Show – The RECIPIENT shall create a guidebook and a PowerPoint slide show documenting all actions undertaken in this project to serve as a guide to other communities who may be faced with similar problems. The guidebook will include templates for education materials, outlines of workshops, sampling analysis plans, restoration techniques, assessment plans, and other information deemed appropriate.
- F. The RECIPIENT shall provide the DEPARTMENT with two copies of any tangible educational products developed under this grant, such as brochures, manuals, pamphlets, videos, audio tapes, CDs, curriculum, posters, media announcements or gadgets, such as a refrigerator magnet with a message. The RECIPIENT shall also supply the DEPARTMENT with the names and contact information of local project leads, and a computer file copy of an education product either on floppy disks or CD-ROM. If this is impractical, as in the case of a sign, display, website, workshop, or educational program, the RECIPIENT shall provide a complete description including photographs or printouts. This includes technical assistance tools if they are disseminated to a group.
- G. Required Performance:
 - 1. Create pre- and post-project surveys for education.
 - 2. Develop and distribute outreach materials.
 - 3. Develop and conduct a minimum of three workshops for the watershed community.
 - 4. Create and deliver the guidebook and slide show at the conclusion of the project.

Task 3 – Restoration, Shoreline Buffers

- A. Plantings on private properties. The RECIPIENT, with the help of community members, will use the knowledge learned through the workshops in the education section to target private residences along the lake to do shoreline plantings to intercept phosphorus pollution in runoff. The RECIPIENT will provide technical assistance and coordinate volunteer plantings at selected private shoreline properties as demonstration projects. The property owners will pay for the cost of plant materials.

b. The following shall be added:

Task 2 – Education and Outreach

- A. Survey – The RECIPIENT, with the input of active Steering Committee Members, will distribute a survey to the Cottage Lake watershed, gathering information about knowledge, attitudes, and behaviors surrounding phosphorus pollution in the lake. After the surveys are returned, the RECIPIENT shall use the results to identify which areas of knowledge regarding phosphorus pollution would best be targeted by an educational campaign.
- B. Outreach – Using results from the survey, the RECIPIENT shall work with the community to develop educational outreach media. This will include, but not be limited to, door hangers, brochures, newsletters, Web pages, etc., to inform the community about phosphorus pollution and what they can do to help. Topics covered will include proper septic system maintenance, home and yard care practices to prevent pollution, and other pertinent topics. This is a direct approach to educate and motivate people on the phosphorous pollution problem.
- C. Workshops – The RECIPIENT will host several workshops over the course of the project to deliver hands-on tips and BMPs to lessen individual impacts on Cottage Lake by reducing phosphorus inputs and other pollutants, such as fecal coliform bacteria. The workshops will include, but will not be limited to, topics such as Natural Yard Care. The purpose of these workshops is to give residents the tools and understanding to implement BMPs in their daily lives to decrease their impact upon and the pollutants that go into Cottage Lake.
- D. Post Survey – At the conclusion of the educational activities, the RECIPIENT will reissue a watershed-wide survey in the winter of 2008 and again in 2010 to see how behaviors and attitudes towards Cottage Lake health have changed. This will be a way to quantify the short-term and long-term effectiveness of the educational campaign.
- G. Guidebook and Slide Show – The RECIPIENT shall create a guidebook and a PowerPoint slide show documenting all actions undertaken in this project to serve as a guide to other communities who may be faced with similar problems. The guidebook will include templates for education materials, outlines of workshops, sampling analysis plans, restoration techniques, assessment plans, and other information deemed appropriate.
- H. Signage – The RECIPIENT will install eight signs along roads that cross over

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tributaries to Cottage Lake. The signs will identify the creeks and remind people that they are crossing over an important creek and it is up to them to take care of it.

- I. The RECIPIENT shall provide the DEPARTMENT with two copies of any tangible educational products developed under this grant, such as brochures, manuals, pamphlets, videos, audio tapes, CDs, curriculum, posters, media announcements or gadgets, such as a refrigerator magnet with a message. The RECIPIENT shall also supply the DEPARTMENT with the names and contact information of local project leads, and a computer file copy of an education product either on floppy disks or CD-ROM. If this is impractical, as in the case of a sign, display, website, workshop, or educational program, the RECIPIENT shall provide a complete description including photographs or printouts. This includes technical assistance tools if they are disseminated to a group.
- G. Required Performance:
1. Create pre- and post-project surveys for education.
 2. Develop and distribute outreach materials.
 3. Develop and conduct a minimum of three workshops for the watershed community.
 4. Create and deliver the guidebook and slide show at the conclusion of the project.
 5. Install eight stream crossing signs.

Task 3 – Restoration, Shoreline Buffers

- B. Plantings on private properties. The RECIPIENT, with the help of community members, will use the knowledge learned through the workshops in the education section to target private residences along the lake to do shoreline plantings to intercept phosphorus pollution in runoff. The RECIPIENT will provide technical assistance and coordinate volunteer plantings at selected private shoreline properties as demonstration projects. The property owners will pay for the cost of plant materials. The RECIPIENT may work with Master Gardeners, trained by WSU Extension Services, who would act as 'consultants' helping interested households switch to native, low maintenance yards.

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2. The project budget shall be modified as follows:

Element No.	Current Budget			Revised Budget		
	Element Cost	(If applicable)		Element Cost	(If applicable)	
		Eligible %	Eligible Cost		Eligible %	Eligible Cost
1	\$4,855	100	\$4,855	\$5,855	100	\$5,855
2	\$76,852	100	\$76,852	\$91,852	100	\$91,852
3	\$40,426	100	\$40,426	\$73,290	100	\$73,290
4	\$169,595	100	\$169,595	\$120,731	100	\$120,731
Project Totals	\$291,728	100	\$291,728	\$291,728	100	\$291,728

3. The project completion date is extended from December 31, 2009, to June 30, 2011.
4. Based on legislative direction of timely use of funds and by Chapter 173.95A WAC, Uses and Limitations of the Centennial Clean Water Fund, this project must be completed within five years of the publication date of the final offer list. The final offer list was published on July 1, 2005. After the five-year time limit is reached, no further expenditures may be reimbursed unless an extension is made. No more than one time extension of no more than twelve months may be made when there are valid reasons for the extension. Valid reasons for a time extension are limited to: (A) Schedules included in water quality permits, consent decrees, or enforcement orders; or (B) The RECIPIENT and the DEPARTMENT agree that there is a need to do work during an environmental window in a specific season of the year.
5. This is the last extension that will be granted to the RECIPIENT.
6. The Post Project Assessment date is extended from December 31, 2011, to January 15, 2014.

FURTHER, this amendment shall be effective upon the date of signature by the Water Quality Program Manager of the DEPARTMENT.

Except as expressly provided by this amendment, all other terms and conditions of the original grant agreement and all amendments thereto remain in full force and effect.

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IN WITNESS WHEREOF: the parties have executed this amendment.

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY



DAVID C. PEELER
WATER QUALITY PROGRAM MANAGER

4/4/07

DATE

KING COUNTY
DEPARTMENT OF NATURAL
RESOURCES AND PARKS



MARK ISAACSON
DIRECTOR

3/26/07

DATE

APPROVED AS TO FORM ONLY
ASSISTANT ATTORNEY GENERAL