

# The Conservation CONNECTION



KING CONSERVATION DISTRICT

FALL 2005

*Promoting sustainable uses of natural resources through responsible stewardship.*

## *KCD pitches in for wild salmon*

The Pike Place fish market is not the only place in the Seattle area where salmon are thrown and tossed. Recently, King CD staff helped the Mid Sound Fisheries Enhancement Group with a day of “fish flinging”. The project is about distributing surplus salmon carcasses from the Soos Creek hatchery into upper watersheds in the Fall, where they provide a food base for young salmon and the ecosystem. Most of these systems don’t have enough natural spawners in the creek so the added carcasses add needed nutrients. Since the chinook salmon often weigh 30 pounds or more, the work of distributing 120 carcasses into Newaukum Creek was a tiring, but satisfying (and smelly) job.



Next Issue  
December  
2006 - Native  
tree & shrub  
sale ordering  
information

**KCD**



*Some of the KCD crew demonstrate their fish flinging techniques.*



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Change Service Requested

KING CONSERVATION DISTRICT  
935 Powell Avenue S.W.  
Renton, WA 98055

# Volunteer Opportunities



The staff of the King Conservation District invites you to participate in a variety of volunteer opportunities at our Wetland Cooperative Nursery, and stay tuned for additional stream and wetland native plant buffer projects around the county. Bring the family; these projects are both fun and educational! Contact Amy (425) 277-5581 ext 129, [amy.tippery@kingcd.org](mailto:amy.tippery@kingcd.org), for more information on these and other volunteer opportunities.

## Fall 2005

### Garden of Goo

Native plants grown from locally collected seed are the corner stone of conservation and ecological restoration. Learn about and actively participate in growing native plants for stream and wetland restoration and enhancement projects. Activities include starting plants from seed and cuttings, and transplanting and maintaining nursery stock. Activities will occur at the King Conservation District nursery facility in Renton from **9am – 12 noon**.



Redosier Dogwood,  
*Cornus sericea*

Scheduled volunteer dates include:

October: 21<sup>st</sup> and 22<sup>nd</sup>

November: 4<sup>th</sup> and 5<sup>th</sup>

December: 10<sup>th</sup>



*Please take a moment to fill out the following form if you would like to be added to our mailing list, receive notice of upcoming issues to view on-line, or if your address is changing.*

Name: \_\_\_\_\_

Organization: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

E-mail \_\_\_\_\_

Mail to King Conservation District, 935 Powell Avenue. S.W.,  
Renton, WA 98055 or call (425) 277-5581.

Thanks for participating! Your reply will ensure that the  
**Conservation Connection** will be delivered promptly.

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Sarah Ogden, Clare Flanagan, Pete Landry,  
Brandy Reed

**King Conservation District** is a subdivision of state government created to promote the wise use of natural resources. A five-member board of supervisors, representing local interests, hold meetings on the second Wednesday of each month at our office in Renton. The public is encouraged to attend.

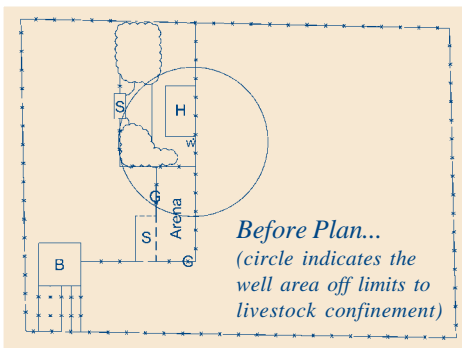
# Cooperator Profile



## Case Study Part 2 – The Bingham

by Sarah Ogden

Although buying a new piece of property often means tackling a new set of challenges the remedies are often relatively simple. With the initial visit to the Bingham farm (see Summer 2005) and a little time spent planning, Steve, Leslie and I soon came up with some solutions to the resource problems on their farm.

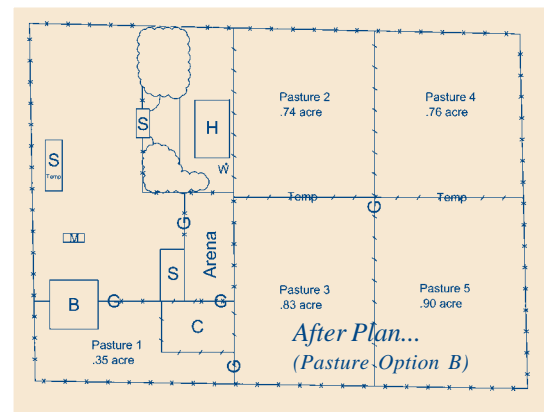
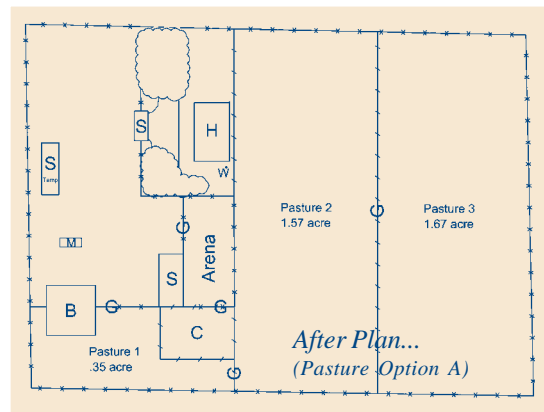


### Proposed Solutions:

- **Manure** – the current manure stockpile will need to be cleaned up and taken offsite. Manure bins will be installed that will be able to handle all of the manure and soiled bedding produced by five horses. These bins should be kept covered which will cut down on offensive odors, pesky insects and runoff. Once it has aged or is composted the material can be used on the pasture to add nutrients and increase organic matter in the soil.
- **Mud** – the Bingham plan on renovating the barn on their new property they will include new gutters, downspouts and outlet pipes in their plans. Conveying water away from the barn foundation and rear pasture is going to greatly improve the amount of mud present. The current muddy runs behind the barn will be renovated and turned into a small paddock which can be used as a temporary pasture space for a single horse. A new confinement area will be established using gravel footing which will keep the horses out of the mud and allow for quick and easy manure removal.

- **Pasture** – the large front pasture will be divided into two to four smaller paddocks which will allow for better management of the wetter areas and grazing. By monitoring the grass height and production of each paddock the Bingham will be able to move the horses when the pasture grasses become short thereby increasing the forage intake of the horses and the health of the pasture simultaneously. The paddocks will be clipped occasionally to decrease some of the weed species that inhabit the pasture. A round of soil tests will help to check soil nutrient and pH levels before adding addition fertilizers or spending the money to reseed the entire pasture.

These Best Management Practices will result in healthier horses, easier chores and will decrease the amount of nutrient runoff from the farm. Everyone wins!



Shed	Well	Fencing, existing
Barn	House	Fencing, planned
Confinement Area	Gate	
Manure Storage		

# Programs & Workshops



## 2006 Environmental Incentives Program (EQIP)

EQIP is an NRCS program that provides technical and financial assistance to eligible farmers to address soil, water, and related natural resource concerns on their lands in an environmentally beneficial and cost effective manner. The purposes of EQIP are achieved through the implementation of a conservation plan and an EQIP contract that may include structural, vegetative and land management practices on eligible land. In 2005 King County farmers received over \$265,000 to implement practices on their farms. Application is a continuous process but if you want to submit a new application, review your application or make changes to it for possible 2006 funding contact your local NRCS office now. NRCS has established a cutoff date of January 13th 2006 for applications to be received and considered for 2006 funding. Contact the NRCS Renton Field Office for an application or for more information 425-277-5580 ext 124.



## Funding Opportunity For Small Forest Landowners!

The Family Forest Fish Passage Program is a voluntary program through which landowners can receive financial and technical assistance for removing or repairing fish barriers on forestland. A fish barrier is any artificial (human-caused) in-stream structure that impedes the free passage of fish. Examples of fish passage barriers include culverts, dams, weirs, and stream crossings. Cost share rates range from 75%-100%. The project must be located on forestland, on a fish-bearing stream and must be associated with a forest road. If you would like to have a potential fish barrier evaluated for eligibility, please contact DNR's Small Forest Landowner Office for assistance. Application information can be obtained by calling 360-902-1404, email at [scott.potter@wadnr.gov](mailto:scott.potter@wadnr.gov) or visit the web at: [www.dnr.wa.gov/sflo/fffpp](http://www.dnr.wa.gov/sflo/fffpp).



## Free Workshops on Land and Water Stewardship for Livestock

*Do you own horses, ponies, cattle, goats, sheep, pigs or other livestock? Are you ready to build and install livestock management practices that will help you reduce mud, manage manure and deal with wetlands? Do you want to know how to start?*

The King Conservation District is offering four **FREE** workshops on land and water stewardship practices for livestock owners. As a workshop participant, you will receive one-on-one guidance from District farm planners and technicians to help you design, construct and implement livestock management practices that can meet your specific needs and circumstances. Attend all four workshops, or only those that meet your needs.

Workshops will be held at the King Conservation District Office, 935 Powell Avenue SW, Suite D, Renton WA from 6:30 pm – 9:00 pm.

For more information or to register call the King Conservation District at (425) 277-5581 ext. 120.

Class size is limited so register early.

- **Mud Management: *Record Rainfall – Record Mud.*** (October 20<sup>th</sup>, 2005)
- **Manure Management: *Got Livestock? Got Manure!*** (October 27<sup>th</sup>, 2005)
- **Pasture Management: *Becoming a Grass Farmer.*** (November 3<sup>rd</sup>, 2005)

*The series will be offered again in February somewhere in the County. For more information contact us at 425-277-5581 ext 120.*



# Spotlight on Conservation



## New CD Livestock Bridge Design for King County, No County Permit Required

Recently installed at Canter-Berry Farm in Auburn, the livestock bridge shown is the result of efforts by the King Conservation District, in association with the King County Agriculture Program, to develop an affordable livestock bridge for rural landowners, which requires no King County permit. For most sites this 8 foot wide bridge design requires only one no-cost state permit from the Washington State Department of Fish and Wildlife. Bridge material costs for this steel and wood bridge are approximately \$6,000 for a 20 foot span, and a crew of two people can construct a bridge of this type in a few weeks. If you have any questions about this project or are interested in a livestock bridge for your property, please call Josh Monaghan at the KCD for more information 425-277-5581 ext 130.



## King Conservation District, Black Diamond, and Mid-Sound Fisheries Group Team Up for Salmon

A new bridge over Rock Creek in the City of Black Diamond will allow free flow of flood water and Fish. The old cluster of six small culverts on Abrams Avenue both prevented storm flows from going downstream, and prevented spawning salmon from reaching the headwaters of the Rock Creek system, an important part of the Green-Duwamish watershed. The 10' by 10' concrete bridge installed by King Conservation District staff this summer will greatly enhance public safety for residents of Abrams Avenue during wet weather and will fully open 3 square miles of formerly restricted habitat for fish usage.

*After...*



*Before...*

## Envirothon 2006 - Time to form teams!!!

Envirothon plans for 2006 are underway. The Envirothon is the largest North American natural resource competition for grades 9-12.

The environmental theme this year is Water Stewardship in a Changing Climate.

The NW Regional event will be held at Warm Beach Camp and Conference Center in Snohomish County on Wednesday, March 29, 2006. The state wide Envirothon will be hosted by the King Conservation District in May 23-24, 2006. The winning state team will go on to compete at Winnipeg, Manitoba - Canada, July 23-29, 2006.

To signup contact Roseanne Campagna at 425-277-5581 ext 125, or e-mail [roseanne.campagna@kingcd.org](mailto:roseanne.campagna@kingcd.org), or visit [www.envirothon.org](http://www.envirothon.org) for more details about this event.



# More Workshops



*These businesses support conservation practices. Thank you sponsors for supporting us in our ongoing programs. To become a sponsor, contact Roseanne Campagna at 425-277-5581 ex 125.*

Tom Hanson



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## King Conservation District Contacts

Office Phone:  
425-277-5581 Ext 105

### BOARD OF SUPERVISORS

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Vice-Chair: Scott Wallace  
Secretary/Treasurer: Matt Livengood  
Member: Bobbi Lindemulder  
Member: Richard Gelb

### KCD E-MAIL ADDRESS:

district@kingcd.org

WEB SITE: <http://www.kingcd.org>

## Down on the Farm Bio-Diesel Workshop

Bio-diesel is a fuel made from oil crops that can be used in any diesel engine. Bio-diesel is clean burning, environmentally friendly and grown in America by American farmers.

- Come learn how you can use bio-diesel in all of your diesel farm equipment and vehicles.
- Hear from experts on bio-diesel in this area and talk with local farmers already using it.

**Saturday November 5, 2005 • 9:00 am – Noon  
Carnation, WA**

**For FREE registration and directions contact the KCD  
at 425-277-5581 ext 125 or [roseanne.campagna@kingcd.org](mailto:roseanne.campagna@kingcd.org).**



**New Farm Oriented Good Nature Poster  
Coming Soon!**

*The King CD teamed up with the Good Nature Publishing Company of Seattle to produce a hedgerow poster. The selected artist is Suzanne Duranceau from Quebec, Canada. This poster will feature the conservation benefits of native plant hedgerows on a Pacific Northwest farm. Call Brandy Reed at the District for more information 425-277-5581 ext 120 or [brandy.reed@kingcd.org](mailto:brandy.reed@kingcd.org)*



*To see other available posters offered by Good Nature Publishing Company visit <http://www.goodnaturepublishing.com/>*