



King County

King County

1200 King County
Courthouse
516 Third Avenue
Seattle, WA 98104

Meeting Agenda

King County Flood Control District Executive Committee

Boardmembers: Reagan Dunn, Chair; Larry Gossett, Vice Chair; Kathy Lambert,
Julia Patterson

9:30 AM

Monday, April 26, 2010

SW Conference Room

1. Call to Order
2. Roll Call
- Pgs 2-3 3. Approval of Minutes of April 5, 2010

Items for Final Action by Executive Committee

- 4-27 4. Approval of invoices
5. 2011 budget direction to the Flood District Advisory Committee

Items for Recommendation to the Board of Supervisors

- 28-29 6. Resolution relating to District projects, and authorizing grant agreements with King County municipalities to carry out and accomplish District projects.
- 30-31 7. Resolution relating to sub-regional opportunity fund projects, and authorizing the Executive Committee to approve changes to an opportunity fund project of a jurisdiction with an annual opportunity fund allocation of \$50,000 or less.

Briefing

- 32-36 8. **2012 Flood Hazard Plan Update**

Preparation for May action by Executive Committee to provide direction on scope and citizen advisory committee

9. **Manager Reports**
10. Other Business
11. Adjournment



Meeting Minutes - Final
King County Flood Control District
Executive Committee

*Boardmembers: Reagan Dunn, Chair; Larry Gossett, Vice
Chair; Kathy Lambert,
Julia Patterson*

1:30 PM

Monday, April 5, 2010

SW Conference Room

SPECIAL MEETING
draft minutes

1. **Call to Order**

The meeting was called to order at 2:14 p.m.

2. **Roll Call**

Present: 4 - Mr. Gossett, Ms. Lambert, Mr. Dunn and Ms. Patterson

3. **Approval of Minutes of March 22, 2010**

Boardmember Lambert moved approval of the minutes of March 22, 2010. The motion passed unanimously.

Items for Final Action by Executive Committee

4. **Approval of invoices**

Kjris Lund, Executive Director, briefed the committee on the invoices for Inslee Best (\$4,760.68) and Francis and Co. (\$13,307.10)

Rick Bautista, Board staff, briefed the committee on the invoices of Lund Consulting and Cocker Fennessy (\$22,192.50).

Horace Francis, Francis and Co., answered questions of the committee.

Boardmember Lambert moved approval of the invoices as presented. The motion passed unanimously.

Items for Recommendation to the Board of Supervisors

5. **FCD2010-30** A RESOLUTION relating to the operations and finances of the King County Flood Control Zone District; adopting the revised 2010 budget, capital budget, six-year capital improvement program, and operating budget for King County Water and Land Resources; and amending FCD 2009-22.3.

Ms. Lund briefed the committee on the proposed resolution and attachments, which are the amended 2010 budget. She recommended that there be amendments to attachment C to read "Snoqualmie River Basin" and to correct a typographical error of "Seattle" and to amend attachment A to show that the amounts reflected are carryover amount.

Boardmember Patterson moved approval with the three amendments proposed by Ms. Lund. The motion passed by a vote of 3-0-1 (Boardmember Gossett excused).

6. **Resolution regarding approval of agreement with the King County investment pool**

The committee considered Items 6 and 7 together. Rod Kaseguma, legal counsel, briefed the committee on the investment pool agreement and cash management agreements provided by King County. After review of the agreements, his advice is that the District should enter into the agreements and that the District should so indicate by resolution.

Boardmember Gossett moved to recommend Item 6, the resolution on the investment pool agreement to the Board for decision. The motion passed unanimously.

7. **Resolution regarding approval of a cash management agreement with King County**

Boardmember Gossett moved to recommend Item 7 the resolution on cash management agreement to the Board for decision. The motion passed unanimously.

8. **Manager Reports**

Ms. Lund reported on the proposed vegetation management policies and some proposed steps the District might take on this issue.

9. **Adjournment**

The meeting was adjourned at 2:42 p.m.

Approved this _____ day of _____

Clerk's Signature



KING COUNTY FLOOD CONTROL DISTRICT

516 Third Avenue • Room W 1039 • Seattle, WA 98104
206.296.1020 • info@kingcountyfloodcontrol.org
www.kingcountyfloodcontrol.org

April 26, 2010

Invoice Summary

	Firm	Period	Amount
	WLRD		
	Operating	January	288,805.00
Pgs 5-10	Capital	January	1,381,604.00
	Operating	February	663,868.00
11-15	Capital	February	1,252,085.00
	Operating	March	542,221.00
16-20	Capital	March	1,386,760.00
21-24	Inslee Best	March	9,551.10
25-27	Lund Consulting	Thru April 20	14,625.00

Board of Supervisors: Julia Patterson, Chair • Reagan Dunn, Vice Chair
Jan Drago • Bob Ferguson • Larry Gossett • Jane Hague • Kathy Lambert • Larry Phillips • Pete von Reichbauer
Executive Director: Kjrjstine Lund



King County

Water and Land Resources Division

Department of Natural Resources and Parks

King Street Center
201 South Jackson Street, Suite 600
Seattle, WA 98104-3855

206.296.6519 Fax 206.296.0192
TTY Relay: 711

April 21, 2010

Anne Noris
Clerk of the Board
King County Flood Control District
King County Courthouse
516 Third Avenue, Room 1039
Seattle, WA 98104-3272

Dear Ms. Noris:

Please find enclosed two Billing Statements for the month of January 2010, for expenditures incurred by King County for services provided in the implementation of the Annual Scope of Services for the King County Flood Control District (FCD).

These Billing Statements have been prepared in accordance with Section 4: Invoices as set forth in the *Interlocal Agreement Between King County and the King County Flood Control Zone District Regarding Support Services*, approved by Ordinance FCZD 2007-05.02 of King County Flood Control Zone District's Board of Supervisors on December 10, 2007.

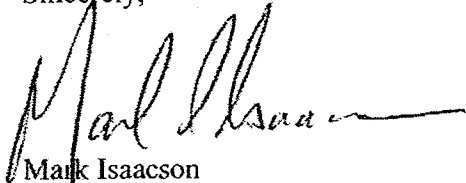
Separate statements have been prepared for operating expenditures and capital improvement project expenditures, in two separate formats. The operating expenditure invoice is in the usual format used for the past two years. However, King County has switched to a new format for the capital program invoice beginning with the January 2010 billing. The new format serves as a life-to-date progress report on project expenditures, in addition to stating the monthly expenditures for reimbursement. To assist in reading this report, a separate sheet defining the report's column headings is attached.

Also enclosed are two Interfund Transfer Vouchers for this month's expenditures. Upon approval, please ask the District Executive Director to sign both Interfund Transfer Vouchers and email both documents to Steve Oien, Manager, Finance and Administration Section in the Water and Land Resources Division of the Department of Natural Resources and Parks. The vouchers will then be forwarded to ARMS Control, King County Finance Business and Operations Division.

Anne Noris
April 21, 2010
Page 2

If you have any questions or need additional information, please do not hesitate to contact Steve Oien, Manager, Finance and Administration Section in the Water and Land Resources Division of the Department of Natural Resources and Parks at 206-296-8339.

Sincerely,



Mark Isaacson
Division Director

Enclosures

cc: Bob Burns, Interim Director, Department of Natural Resources and Parks (DNRP)
John Bodoia, Chief Financial Officer, DNRP
Steve Oien, Manager, Finance and Administration Section, Water and Land Resources
Division (WLRD), DNRP
Kjristine Lund, Lund Consulting
Horace Francis, Francis & Company
Yingying Chen, Francis & Company

Capital Invoice Definitions

Master Project:	The project at the level described in the King County Flood Hazard Reduction Plan or reviewed by the King County Flood Control District Advisory Committee .
Subproject:	Occasionally a master project is broken down into smaller subprojects for ease of management. An example is the master project "Upper Snoqualmie Flood Damage Projects," which was broken into several site-specific subprojects.
Description:	The name of the project.
Current Month Billing:	The current month's expenditures, by project, for which the County is requesting reimbursement.
Projected Total Cost:	The total estimated cost of the project at completion.
LTD Exp:	The life-to-date expenditures incurred by the project.
Pcnt Exp:	The life-to-date expenditures as a percentage of the estimated total cost of the project. This is one indicator of the project's progress or degree of completion.
WLR Budget Adj:	Administrative adjustments to project budgets made within the month will be reported here. These are infrequent and usually left blank.
Explanation:	A brief explanation of the budget adjustment.

Summary FCD Billing for January 2010 - Operating

Description	Expenditures
ANNUAL MAINTENANCE, FACILITY ASSESSMENTS	\$ 27,658
FLD HAZARD PLANNING, GRANTS, OUTREACH	\$ 14,569
FLD HAZARD STUDIES, MAPS, TECHNICAL SERVICES	\$ 16,299
FLOOD PREPARATION, FLOOD WARNING CENTER, POST FLOOD ACTIVITIES	\$ 3,603
PROGRAM MANAGEMENT, SUPERVISION, FINANCE, BUDGET	\$ 91,103
PROGRAM IMPLEMENTATION	\$ 49,922
GREEN RIVER / HOWARD HANSEN DAM (PROJECT FLD105)	\$ 7,791
TRANSFERS AND CHARGES TO CAPITAL AND OTHER PROJECTS	\$ 77,861
Total Expenditures:	\$ 288,805

Account Class Monthly Billing for FCD Operating
Based on January 2010 Billing Detail

Account Class	Description	Annual Maint, Facility Assessments	Fld Hazard Plan, Grants, Outreach	Fld Hazard Studies, Maps, Tech Svcs	Flood Prep, FWC	Prog Mgmt, Supv, Finance, Budget	Program Implementation	Green River / Howard Hansen Dam	Transfers And Charges	Totals
51100	Salaries & Benefits	\$ 20,069	\$ 12,808	\$ 12,511	\$ 3,275	\$ 82,915	\$ 47,401	\$ 7,267	\$ 92,012	\$ 278,258
52000	Supplies	\$ 447			\$ 64	\$ 214				\$ 734
53000	Services	\$ 266			\$ 259	\$ 1,150				\$ 2,825
54000	Contributions	\$ 9,348	\$ 3,610	\$ 8,356	\$ 231	\$ 6,824				\$ 31,841
55000	Interdept Charges	\$								\$
56000	Capital Purchases	\$								\$
57000	Interfund Interest	\$								\$
58000	Intercounty Transfers	\$								\$
59000	Overhead Contra	\$ (2,471)	\$ (1,850)	\$ (4,567)	\$ (228)	\$	\$ (1,263)	\$ (322)	\$ (14,152)	\$ (24,852)
	Totals	\$ 27,658	\$ 14,569	\$ 16,299	\$ 3,603	\$ 91,103	\$ 49,922	\$ 7,791	\$ 77,861	\$ 288,805

Annual Maintenance & Facility Assessments: Including vegetation maintenance, access road maintenance, facility assessment and repairs, sediment management and coordinating in-stream hazard response

Flood Hazard Plan, Grants, Outreach: Developing grant applications, monitoring repetitive loss properties, public outreach for projects and education efforts, community rating and hydraulic modeling

Flood Hazard Maps & Technical Services: Develop technical information to characterize and map flood risks -- including channel migration zone, gravel removal, risk assessments, Flood Warning Center and Flood Preparedness: Educating citizens on flood hazards and emergency preparedness and operating the flood warning center during high flood stages

Program Management: Provide supervision, budgeting, and administrative services

Program Implementation: Working with internal basin teams and external basin technical coordinating committee and advisory committees to develop recommended six year-CIP Transfer & Charges to Capital: Project design, construction and management of scope, feasibility, acquisition, design and permitting, project monitoring, and environmental and

Summary FCD Billing for January 2010 - CIP

Project	River	Expenditures
FL0000	SKYKOMISH/MILLER RIVERS	\$ 1,952
FL1000	UPPER SNOQUALMIE RIVER	\$ 38,567
FL2000	LOWER SNOQUALMIE RIVER	\$ 2,333
FL3000	TOLT RIVER	\$ 812,074
FL4000	RAGING RIVER	\$ 187,425
FL5000	SAMMAMISH RIVER	\$ -
FL6000	ISSAQUAH CREEK	\$ -
FL7000	CEDAR RIVER	\$ 67,677
FL8000	GREEN RIVER	\$ 119,401
FL9000	WHITE RIVER	\$ 10,010
FLM000	MONITORING/MAINTENANCE	\$ 141
FLS000	SUBREGIONAL OPPORTUNITY	\$ 142,024
FLX000	COUNTYWIDE	\$ -
	TOTAL	\$ 1,381,604



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Water and Land Resources Division

Department of Natural Resources and Parks
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206.296.6519 Fax 206.296.0192
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April 21, 2010

Anne Noris
Clerk of the Board
King County Flood Control District
King County Courthouse
516 Third Avenue, Room 1039
Seattle, WA 98104-3272

Dear Ms. Noris:

Please find enclosed two Billing Statements for the month of February 2010, for expenditures incurred by King County for services provided in the implementation of the Annual Scope of Services for the King County Flood Control District (FCD):

These Billing Statements have been prepared in accordance with Section 4: Invoices as set forth in the *Interlocal Agreement Between King County and the King County Flood Control Zone District Regarding Support Services*, approved by Ordinance FCZD 2007-05.02 of King County Flood Control Zone District's Board of Supervisors on December 10, 2007.

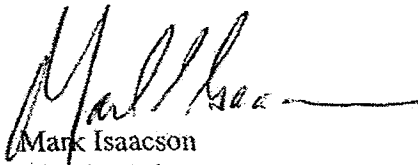
Separate statements have been prepared for operating expenditures and capital improvement project expenditures, each in the two formats we previously agreed upon.

Also enclosed are two Interfund Transfer Vouchers for this month's expenditures. Upon approval, please ask the District Executive Director to sign both Interfund Transfer Vouchers and email both documents to Steve Oien, Manager, Finance and Administration Section in the Water and Land Resources Division of the Department of Natural Resources and Parks. The vouchers will then be forwarded to ARMS Control, King County Finance Business and Operations Division.

Anne Noris
April 21, 2010
Page 2

If you have any questions or need additional information, please do not hesitate to contact Steve Oien, Manager, Finance and Administration Section in the Water and Land Resources Division of the Department of Natural Resources and Parks at 206-296-8339.

Sincerely,



Mark Isaacson
Division Director

Enclosures

cc: Bob Burns, Interim Director, Department of Natural Resources and Parks (DNRP)
John Bodoia, Chief Financial Officer, DNRP
Steve Oien, Manager, Finance and Administration Section, Water and Land Resources
Division (WLRD), DNRP
Kjristine Lund, Lund Consulting
Horace Francis, Francis & Company
Yingying Chen, Francis & Company

Summary FCD Billing for February 2010 - Operating

Description	Expenditures
ANNUAL MAINTENANCE, FACILITY ASSESSMENTS	\$ 87,483
FLD HAZARD PLANNING, GRANTS, OUTREACH	\$ 40,074
FLD HAZARD STUDIES, MAPS, TECHNICAL SERVICES	\$ 38,115
FLOOD PREPARATION, FLOOD WARNING CENTER, POST FLOOD ACTIVITIES	\$ 26,986
PROGRAM MANAGEMENT, SUPERVISION, FINANCE, BUDGET	\$ 261,706
PROGRAM IMPLEMENTATION	\$ 49,680
GREEN RIVER / HOWARD HANSEN DAM (PROJECT FLD105)	\$ 110,517
TRANSFERS AND CHARGES TO CAPITAL AND OTHER PROJECTS	\$ 49,308
Total Expenditures:	\$ 663,868

Account Class Monthly Billing for FCD Operating
Based on February 2010 Billing Detail

Account Class	Description	Major Program Category										Totals
		Annual Maint, Facility Assessments	Fid Hazard Plan, Grants, Outreach	Fid Hazard Studies, Maps, Tech Svcs	Flood Prep, FWC	Prog Mgmt, Supv, Finance, Budget	Program Implementation	Green River/Howard Hansen Dam	Transfers And Charges			
51100	Salaries & Benefits	\$ 21,435	\$ 28,127	\$ 29,786	\$ 4,569	\$ 60,031	\$ 49,053	\$ 6,313	\$ 71,798	\$ 271,112		
52000	Supplies	\$ 52	\$ 111	\$ -	\$ -	\$ 58	\$ 41	\$ -	\$ -	\$ 263		
53000	Services	\$ 65,065	\$ 5,934	\$ -	\$ 535	\$ 930	\$ (657)	\$ 104,203	\$ -	\$ 176,010		
54000	Contributions	\$ -	\$ -	\$ -	\$ 21,726	\$ -	\$ -	\$ -	\$ -	\$ 21,726		
55000	Intercept Charges	\$ 6,644	\$ 8,959	\$ 19,453	\$ 378	\$ 29,632	\$ 5,904	\$ 251	\$ -	\$ 71,221		
56000	Capital Purchases	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
57000	Interfund Interest	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
58000	Intercounty Transfers	\$ -	\$ -	\$ -	\$ -	\$ 171,120	\$ -	\$ -	\$ -	\$ 171,120		
59000	Overhead Contra	\$ (5,712)	\$ (3,058)	\$ (11,124)	\$ (222)	\$ (66)	\$ (4,661)	\$ (251)	\$ (22,490)	\$ (47,583)		
	Totals	\$ 87,483	\$ 40,074	\$ 38,115	\$ 26,986	\$ 261,706	\$ 49,680	\$ 110,517	\$ 49,308	\$ 663,868		

Annual Maintenance & Facility Assessments: Including vegetation maintenance, access road maintenance, facility assessment and repairs, sediment management and coordinating in-stream hazard response

Flood Hazard Plan, Grants, Outreach: Developing grant applications, monitoring repetitive loss properties, public outreach for projects and education efforts, community rating system coordination

Flood Hazard Maps & Technical Services: Develop technical information to characterize and map flood risks -- including channel migration zone, gravel removal, risk assessments, and hydraulic modeling

Flood Warning Center and Flood Preparedness: Educating citizens on flood hazards and emergency preparedness and operating the flood warning center during high flood stages

Program Management: Provide supervision, budgeting, and administrative services

Program Implementation: Working with internal basin teams and external basin technical coordinating committee and advisory committees to develop recommended six year-CIP

Transfer & Charges to Capital: Project design, construction and management of scope, feasibility, acquisition, design and permitting, project monitoring, and environmental and engineering support

Summary FCD Billing for February 2010 - CIP

Project	River	Expenditures
FL0000	SKYKOMISH/MILLER RIVERS	\$ 1,948
FL1000	UPPER SNOQUALMIE RIVER	\$ 66,015
FL2000	LOWER SNOQUALMIE RIVER	\$ 361,903
FL3000	TOLT RIVER	\$ 9,707
FL4000	RAGING RIVER	\$ 2,873
FL5000	SAMMAMISH RIVER	
FL6000	ISSAQUAH CREEK	
FL7000	CEDAR RIVER	\$ 233,887
FL8000	GREEN RIVER	\$ 546,707
FL9000	WHITE RIVER	\$ 24,191
FLM000	MONITORING/MAINTENANCE	\$ 666
FLS000	SUBREGIONAL OPPORTUNITY	
FLX000	COUNTYWIDE	\$ 4,186
	TOTAL	\$ 1,252,085



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Department of Natural Resources and Parks

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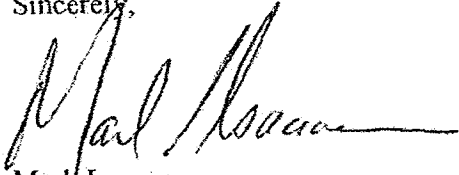
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Anne Noris
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Sincerely,



Mark Isaacson
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Horace Francis, Francis & Company
Yingying Chen, Francis & Company

Summary FCD Billing for March 2010 - Operating

Description	Expenditures
ANNUAL MAINTENANCE, FACILITY ASSESSMENTS	\$ 56,775
FLD HAZARD PLANNING, GRANTS, OUTREACH	\$ 37,023
FLD HAZARD STUDIES, MAPS, TECHNICAL SERVICES	\$ 25,421
FLOOD PREPARATION, FLOOD WARNING CENTER, POST FLOOD ACTIVITIES	\$ 85,115
PROGRAM MANAGEMENT, SUPERVISION, FINANCE, BUDGET	\$ 208,321
PROGRAM IMPLEMENTATION	\$ 66,906
GREEN RIVER / HOWARD HANSEN DAM (PROJECT FLD105)	\$ 36,724
TRANSFERS AND CHARGES TO CAPITAL AND OTHER PROJECTS	\$ 25,935
Total Expenditures:	\$ 542,221

Account Class Monthly Billing for FCD Operating
Based on March 2010 Billing Detail

Account Class	Description	Major Program Category								Totals
		Annual Maint, Facility Assessments	Fld Hazard Plan, Grants, Outreach	Fld Hazard Studies, Maps, Tech Svcs	Flood Prep, Flood Warning Center	Prog Mgmt, Supv, Finance, Budget	Program Implementation	Green River/Howard Hansen Dam	Transfers And Charges	
51100	Salaries & Benefits	\$ 19,438	\$ 21,489	\$ 17,863	\$ 2,319	\$ 66,488	\$ 57,723	\$ 3,589	\$ 56,225	\$ 245,135
52000	Supplies	\$ 390	\$ 69	\$ 35	\$ 65	\$ 1,901	\$ 2,271			\$ 4,731
53000	Services	\$ 36,349	\$ 11,364	\$ 4,093	\$ 1,279	\$ 15,368	\$ 4,192			\$ 105,597
54000	Contributions									\$ 80,415
55000	Interdept Charges	\$ 3,398	\$ 5,079	\$ 12,051	\$ 1,037	\$ 40,169	\$ 8,981	\$ 182		\$ 70,895
56000	Capital Purchases									
57000	Interfund Interest									
58000	Intercounty Transfers									
59000	Overhead Contra	\$ (2,799)	\$ (977)	\$ (8,621)		\$ 85,560				\$ -
	Totals	\$ 56,775	\$ 37,023	\$ 25,421	\$ 85,115	\$ 208,321	\$ (6,281)	\$ 36,724	\$ (30,290)	\$ 542,221

Annual Maintenance & Facility Assessments: Including vegetation maintenance, access road maintenance, facility assessment and repairs, sediment management and coordinating in-stream hazard response

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Summary FCD Billing for March 2010 - CIP

Project	River	Expenditures
FL0000	SKYKOMISH/MILLER RIVERS	\$ 9,858
FL1000	UPPER SNOQUALMIE RIVER	\$ 85,067
FL2000	LOWER SNOQUALMIE RIVER	\$ 24,328
FL3000	TOLT RIVER	\$ 22,617
FL4000	RAGING RIVER	\$ 891
FL5000	SAMMAMISH RIVER	
FL6000	ISSAQUAH CREEK	
FL7000	CEDAR RIVER	\$ 574,555
FL8000	GREEN RIVER	\$ 218,777
FL9000	WHITE RIVER	\$ 72,926
FLM000	MONITORING/MAINTENANCE	\$ 55
FLS000	SUBREGIONAL OPPORTUNITY	\$ 373,876
FLX000	COUNTYWIDE	\$ 3,809
	TOTAL	\$ 1,386,760

INSLEE, BEST, DOEZIE & RYDER, P.S.

P.O. BOX 90016

BELLEVUE, WA 98009-9016

(425) 455-1234

TAX ID # 91-0872275

RECEIVED

2010 APR 21 AM 10:39

King County Flood Control Zone District
Attn: Anne Noris
516 Third Ave., Room W-1039
Seattle, WA 98104

CLERK
INVOICE DATE 04/20/10
INVOICE NO. 163110
ACCOUNT NO. 361395-0001

RE: K.C. Flood Control Zone District-General

Amount Due from Previous Statement	\$	4,864.68
Payments Received Since Previous Statement	\$	(4,760.68)
Last Payment Received On 04/19/10		
Account Adjustment	\$.00
Finance Charge	\$.00
BALANCE FORWARD	\$	<u>104.00</u>

FOR LEGAL SERVICES RENDERED THROUGH 03/31/10:

DATE	ATTY	DESCRIPTION	HOURS	AMOUNT
02/27/10	RPK	Review memorandum re Howard Hanson dam.	.30	78.00
03/01/10	RPK	Office conference with M. Bowen re USACE; research re USACE; telephone call to B. Schabert re levees; review agenda packet for executive committee meeting; attend executive committee meeting.	5.20	1,352.00
03/01/10	MMB	Office conference with R. Kaseguma re potential Howard Hanson Dam litigation; revise outline re the above.	2.50	425.00
03/02/10	RPK	Email to K. Lund re Howard Hanson dam.	.20	52.00
03/04/10	RPK	Review USACE policy resolution; email to K. Lund re same; review K. Lund email re USACE resolution.	.40	104.00
03/11/10	RPK	Respond to questions posed by K. Lund.	.50	130.00
03/15/10	RAL	Conference with R. Kaseguma re issue re Board's authority to confirm two-year term advisory committee members; review prior memo re advisory committee and Board operating rules; research re issue.	2.50	600.00

03/15/10	RPK	Telephone call from K. Lund re advisory committee and miscellaneous; office conference with R. Larson re advisory committee.	.60	156.00
03/16/10	RAL	Work on issues re advisory committee and potential conflict between King County Ordinance Establishing Committee and Flood District rules; call to K. Lund; prepare email memo.	5.30	1,272.00
03/17/10	RAL	Complete analysis and email memo to K. Lund re advisory committee; conferences with R. Kaseguma; attend conference call with R. Kaseguma, K. Lund, R. Bautista and C. Jensen.	2.60	624.00
03/17/10	RPK	Review several emails re advisory committee; office conference with R. Larson re advisory committee; review advisory committee memorandum; telephone conference with K. Lund, Larson, R. Bautista and C. Jensen re advisory committee.	1.60	416.00
03/19/10	RPK	Review agenda items; review emails re condemnation meeting.	.20	52.00
03/20/10	RPK	Review packet for executive committee meeting; email to K. Lund and A. Noris re budget resolution.	.40	104.00
03/22/10	RPK	Attend executive committee meeting; review R. Bautista email re advisory committee; review A. Noris email re budget hearing; email to A. Noris re same.	3.20	832.00
03/25/10	RPK	Review R. Bautista email and attachment re advisory committee.	.20	52.00
03/25/10	MMB	Review District/County documents re District's insurance.	.30	51.00
03/26/10	MMB	Research re insurance requirements; teleconference with J. Hills and R. Kaseguma re insurance provisions; email to K. Lund re insurance renewal.	.70	119.00
03/26/10	MMB	Review operating procedures and King County ordinance re advisory committee; begin drafting amendments re new advising committee.	1.60	272.00

03/26/10	RPK	Telephone call from K. Lund re advisory committee and miscellaneous matters; office conference with M. Bowen re insurance; telephone conference with J. Hills and M. Bowen re insurance; attend meeting with K. Lund and WLRD representatives re Foss property/project.	3.70	962.00
03/29/10	MMB	Draft resolution amending operating procedures; draft resolution re advisory committee; draft amendment re Agriculture Commission; office conferences with R. Kaseguma re above matters.	3.80	646.00
03/29/10	MMB	Draft email to K. Lund re insurance requirements.	.40	68.00
03/29/10	RPK	Three office conferences with M. Bowen re advisory committee; review and revise advisory committee resolutions; review county investment pool and cash management documents and agreements.	1.70	442.00
03/30/10	MMB	Teleconference with R. Kaseguma and K. Lund re flood insurance coverage; draft email to K. Lund re insurance; review ILA and resolutions re insurance; review correspondence with J. Hills.	.90	153.00
03/30/10	MMB	Teleconference with K. Lund and R. Kaseguma re King County investment pool agreement; teleconference with S. Matheson and R. Kaseguma re investment pool; review previous investment pool agreement and resolutions; review current proposed agreements.	1.20	204.00
03/30/10	MMB	Email to A. Norris et al re advisory ordinance.	.30	51.00
03/30/10	RPK	Telephone call to S. Matheson and M. Bowen re county investment pool; telephone call to K. Lund and M. Bowen re same; review S. Matheson email re county agreements; email to S. Matheson re same.	.80	208.00

Total Fees This Invoice \$ 9,425.00

COSTS ADVANCED THROUGH 03/31/10:

PAGE NO. 4
INVOICE DATE 04/20/10
ACCOUNT NO. 361395-0001

03/09/10	Parking - 1/6/10	14.00
03/09/10	Mileage - 1/6/10	11.20
03/09/10	Parking - 10/26/09	19.50
03/09/10	Mileage - 10/26/09	12.32
03/09/10	Parking - 11/2/09	19.50
03/09/10	Mileage - 11/2/09	12.32
03/09/10	Parking - 11/16/10	23.50
03/09/10	Mileage - 11/16/10	12.32
03/31/10	Photocopies - Office	1.44

Total Costs This Invoice \$ 126.10

TOTAL FEES AND COSTS THIS INVOICE \$ 9,551.10
TOTAL AMOUNT DUE NOW \$ 9,655.10

PAYMENT DUE UPON RECEIPT--1% MO. FINANCE CHARGE ASSESSED AFTER 60 DAYS.
TO ASSURE PROMPT CREDIT, PLEASE INDICATE YOUR ACCOUNT NO. ON YOUR CHECK.
THIS INVOICE MAY NOT INCLUDE COSTS NOT YET BILLED TO US.



INVOICE: KCFCFCD 2010-03

April 20, 2010

Reagan Dunn, Chairman
King County Flood Control District Executive Committee
1200 King County Courthouse
516 Third Avenue
Seattle, WA 98104

King County Flood Control Executive Director Services

Approved funding for 2010:	\$165,000.00	100%
<i>(Adopted annual budget \$247,500 prorated for 8 months)</i>		
Billed previously for 2010 services:	44,160.00	
Billed this invoice:	14,625.00	
Total billed to date:	58,785.00	36%
Contract Balance:	\$106,215.00	64%

(under expended by 15% due to partial month and no Cocker Fennessy)

Invoice period: April 1 – 20, 2010

Key Activities:

- Resolutions related to 2010 budget revisions
- Vegetation management issue with Corps
- 2011 and 2012 hazard planning process
- Advisory Committee membership
- Coordination with WLRD to monitor progress and issues
- Staff Executive Committee and Board of Supervisors

Professional Services:

Kristine Lund, Principal, 75 hours @ \$195.00 14,625.00

Total Amount Due: \$14,625.00

Kjristine Lund Timesheet

Date	Description	Hours
04/20/2010	Prepare materials for packets, including resolutions and agenda. Discuss 2012 plan update issues with Brian Murray. Review meeting notes and action steps. Work on staff report.	8.00
04/19/2010	Meet with staff on issues and agenda planning. Follow-up coordination with Rod Kaseguma on resolutions via email.	3.00
04/16/2010	Coordinate with Mark Issacson on flood issues. Meet with Flood staff on checklist of issues and agenda planning. Research and organize information on FEMA plan update requirements, Tukwila easement, HH Dam DC trip, opportunity fund scope changes, grant agreements, vegetation management strategy memo.	8.00
04/15/2010	Work with team on issues related to vegetation management costs and future strategies. Research requirements for citizen advisory committee. Status of mobile home relocation.	4.00
04/14/2010	Coordinate with Rod Kaseguma on Tukwila easement. Coordinate on HH Dam conference call and asset transfer issues.	2.00
04/13/2010	Meet with WLRD staff on vegetation management background and strategies. Outline approach for Executive Committee. Follow-up on progress regarding 2011 hazard plan update. Analysis of capital reporting options in light of asset transfers.	6.00
04/12/2010	Prepare for and staff Board of Supervisor's meeting. (short) Follow-up with King County accounting regarding investment and cash management agreements. Respond to Pierce County information requests regarding their county council actions on flood district formation. Review accounting information. Work on meeting schedules.	8.00
04/09/2010	Prepare for Board of Supervisor's meeting. Return calls from board staff regarding agenda. Review budget information. Organize meetings and information requests from WLRD and accounting.	4.00
04/08/2010	Weekly coordination call with WLRD. Review upcoming issues for board consideration including agenda review and prep for Monday B of S meeting. Review email chain regarding advisory committee nominees from SCA.	4.00
04/07/2010	Meet with WLRD staff and attorneys on contracting issues. Outline next steps on actions. Coordinate with Anne Noris and Francis and Company on the final budget spreadsheets for Board packets.	6.00
04/06/2010	Meet with Executive staff on Seawall. Coordinate on contracting issues. Review draft annual report.	4.00

04/05/2010	Staff Executive Committee meeting. Prepare staff report and discussion items. Review information related to mobile home park relocation. Review information and status of Advisory Committee next steps. Prepare for meeting on vegetation management. Review status of Army Corps funding and DC trip.	8.00
04/02/2010	Review budget information and cash/investment information and emails. Work on insurance reserve questions and policy in light of new requirements. Assist EC Chair with bonding per operating rule requirements. Coordinate with risk management and accounting.	4.00
04/01/2010	Weekly call with Mark Issacson. Review status of Advisory Committee appointments. Work on 2011 hazard plan status and schedule. Work on vegetation management analysis review and discussion. Work with accounting on revisions to 2010 budget consistent with new reporting. Prepare agenda and packets. Work with legal counsel on resolutions. approach. Coordinate on cash management and investment policy issues. Work with Rod Kaseguma to have him provide staff report on these resolutions.	6.00
		75

..Title

A RESOLUTION relating to District projects, and authorizing grant agreements with King County municipalities to carry out and accomplish District projects.

..Body

WHEREAS, pursuant to an interlocal agreement between King County and the King County Flood Control Zone District ("District"), King County carries out and implements the District's work program and projects; and

WHEREAS, the District establishes annually its work program and projects in conjunction with the budget; and

WHEREAS, Chapter 46, Laws of 2010 (ESSB 6286), clarifies that the District may provide grant funds to political subdivisions that are located within the boundaries of the District, as long as use of the grant funds is within the purposes of the District; and

WHEREAS, some District projects may be carried out and accomplished efficiently and cost effectively by King County municipalities; and

WHEREAS, the District Board of Supervisors desires to authorize King County to provide grants to King County municipalities to carry out and accomplish District projects, in whole or in part, as long as the director of the water and land resources division of the King County department of natural resources and parks, in consultation with the District executive director, determines that the municipality can carry and accomplish the project efficiently and cost effectively, in compliance with public bidding and prevailing wage laws and regulations; now, therefore

BE IT RESOLVED BY THE BOARD OF SUPERVISORS OF THE KING COUNTY FLOOD CONTROL ZONE DISTRICT:

SECTION 1. After consultation with the executive director of the King County Flood Control Zone District, the director of the water and land resources division of the King County department of natural resources and parks (“Director”) is authorized to enter into grant agreements between King County and King County municipalities to have the municipality carry out or accomplish all or a portion of the District’s approved capital projects or temporary flood protection projects, consistent with the District’s work program. District legal counsel and the Office of the King County Prosecuting Attorney shall approve the form of the agreement, which shall require the municipalities to carry out and accomplish the projects in accordance with all applicable laws and regulations relating to public bidding and prevailing wages.

SECTION 2. After execution of an agreement authorized in Section 1 of this Resolution, the Director shall cause a copy of the executed agreement to be filed with the clerk of the District.

..Title

A RESOLUTION relating to sub-regional opportunity fund projects, and authorizing the District executive committee to approve changes to a jurisdiction's opportunity fund project that has an opportunity fund allocation of \$50,000 or less.

..Body

WHEREAS, in Resolutions FCZD2008-10.2 and 2008-15.2, the Board of Supervisors ("Board") allocated ten percent of the King County Flood Control Zone District's ("District") annual property tax revenues for a sub-regional opportunity fund to be used by King County and King County cities and towns for the types of projects authorized by such resolutions; and

WHEREAS, by Resolution FCD2009-02.1, the Board approved a form of interlocal agreement between the District and King County and King County cities and towns regarding opportunity fund projects, and authorized the executive director to sign such agreements; and

WHEREAS, King County and most King County cities and towns have executed such agreements and are participating in the opportunity fund program; and

WHEREAS, the District's annual budget and work program includes the annual opportunity fund allocation, project name and project description for King County and King County cities and towns participating in the opportunity fund program; and

WHEREAS, the Board desires to authorize the District executive committee to approve changes to opportunity fund projects having opportunity fund allocations of

\$50,000 or less, in order to allow greater flexibility in carrying out opportunity fund projects to jurisdictions requesting such changes; now, therefore

BE IT RESOLVED BY THE BOARD OF SUPERVISORS OF THE KING COUNTY FLOOD CONTROL ZONE DISTRICT:

SECTION 1. At the request of a jurisdiction participating in the sub-regional opportunity fund program for an approved project having an opportunity fund allocation of \$50,000 or less, the District executive committee may change the description and name of that jurisdiction's opportunity fund project, as described in the District's current annual budget and work program. The fund allocation for such newly-identified project in the District's current annual budget and work program shall remain the same. Any description and name change approved by the executive committee shall be deemed to be an amendment of the current District's annual budget and work program, in accordance with Section 7.2.2 of the interlocal cooperation agreement between the District and the jurisdiction for opportunity fund projects.

DRAFT - 2012 King County Flood Hazard Management Plan Update - Potential Policy Issues

Issue	How does the issue relate to the plan update?	Required/Optional?	Pros of including this issue in a plan update	Cons of including this issue in a plan update
<p><u>Who should be involved on the Citizen Advisory Committee?</u></p>	<p>The Community Rating System requires public involvement throughout the planning process, with a higher number of points granted if the planning process is conducted through a planning committee involving members of the public. In developing the 2006 plan, this advisory committee included members representing major regional industries, agricultural interests, a non-profit environmental group, water resource engineering, wetland biology and botany, a recreational boater and angler, a flood insurance specialist, and a Certified Floodplain Manager. Over half of the members lived or worked in floodplains.</p>	<p>Required by CRS</p>	<ul style="list-style-type: none"> Meets CRS requirements. Allows for multiple perspectives to be represented in the final product. Ensures a transparent planning process. 	<p>?</p>
<p><u>Levee certification and FEMA accreditation</u> - Certification and accreditation is a costly and time consuming process. Should the Flood Control District support this activity? If so, where? Should the district fund construction to levee certification standards? Should the district fund the technical analyses and documentation necessary to certify and accredit levees? Should the district assume O&M of certified levees?</p>	<p>Various jurisdictions in King County are advocating for certification and accreditation of levees. The plan update would allow for an in-depth examination of this issue and provide a forum for outlining a certification and accreditation policy for the district.</p>	<p>Optional</p>	<ul style="list-style-type: none"> Will provide direction to district and county staff implementing the plan. Will make clear to jurisdictions the district's position on certification and accreditation. Will promote transparent decision-making. 	<ul style="list-style-type: none"> The district could continue to address this issue on a case-by-case basis. If desired, a policy statement could be created through a separate mechanism without formalizing it in the plan.
<p><u>Vegetation management</u> - The U.S. Army Corps of Engineers' vegetation management standards conflict with the existing plan's goals and objectives, as well as Endangered Species Act salmon recovery mandates. This topic relates to the county's participation in the PL 84-99 levee repair assistance program.</p>	<p>Significant questions are being raised about the cost-effectiveness of participating in the U.S. Army Corps of Engineers' PL 84-99 program. Through the plan update process, the district can evaluate PL 84-99 participation more thoroughly, and the plan can subsequently provide a vegetation management policy direction for district activities.</p>	<p>Optional</p>	<ul style="list-style-type: none"> Will provide direction to district and county staff implementing the plan. Will make clear to jurisdictions the district's position on levee vegetation maintenance. Can identify the types of areas in which vegetation will be maintained and to what degree. Will promote transparent decision-making. 	<ul style="list-style-type: none"> The district could continue to address this issue on a case-by-case basis. If desired, a policy statement could be created through a separate mechanism without formalizing it in the plan.
<p><u>Geographic scope of the capital program</u> - The district's capital program is currently focused on major river systems. Should this scope be expanded to include the near-shore environment and urban drainage issues?</p>	<p>The flood hazard management plan provides the strategic direction for the district, outlining basin-level flood risk reduction strategies and the activities that will be employed to reduce risk in each basin. Presently, the flood plan focus is on large rivers, and the capital recommendations reflect this focus. Changes to the capital program may best be outlined in the plan.</p>	<p>Required by DMA if District Hazard Mitigation Plan is rolled into Flood Hazard Management Plan</p>	<ul style="list-style-type: none"> The plan would comply with DMA and CRS requirements for updating the action plan. Will promote transparent decision-making. 	<ul style="list-style-type: none"> The district can modify the scope of its capital program through the Basin Technical Committees, the Advisory Committee, and the Board of Supervisors on an ad hoc basis.

DRAFT - 2012 King County Flood Hazard Management Plan Update - Potential Policy Issues

Issue	How does the issue relate to the plan update? Given that this is a highly controversial issue, the plan provides a mechanism through which the position of the district can be clearly stated and a condemnation policy can be presented.	Required/Optional? Optional	Pros of Including this issue in a plan update	Cons of Including this issue in a plan update
<p><u>Eminent domain and condemnation</u> - Should the district employ eminent domain in order to acquire the property necessary to perform high priority flood risk reduction projects?</p>	<p>The plan provides an ideal forum for presenting guidelines and strategies for adoption of the plan by local jurisdictions.</p>	<p>Required - RCW states jurisdictions must participate fully with the county's plan</p>	<ul style="list-style-type: none"> Will provide direction to district and county staff implementing the plan. Will make clear to jurisdictions and the public the district's position on condemnation. Will promote transparent decision-making. Makes clear the obligation of all jurisdictions and special districts to adopt the plan and its activities. Allows all jurisdictions the opportunity to be eligible for DMA and FCAAP funding. Allows all jurisdictions the opportunity to capitalize on King County's CRS work. 	<ul style="list-style-type: none"> The district could address this issue on a case-by-case basis. If desired, a policy statement could be created through a separate mechanism without formalizing it in the plan. Statutory requirement that cities and special purpose districts adopt countywide plans within 120 days of county adoption has not been enforced by the Department of Ecology.
<p><u>RCW 86.12.210 plan adoption by cities</u> - Cities are required by state law to adopt the King County Flood Hazard Management Plan. What mechanisms should the district employ to encourage adoption?</p>	<p>Dam safety is addressed in the upcoming Flood Control District Hazard Mitigation Plan, but this information will need to be updated in order to maintain DMA compliance. Also, incorporating dam safety into the existing policy framework contained in the plan will ensure the flood plan is the comprehensive decision-making document for the district.</p>	<p>Required by DMA if District Hazard Mitigation Plan is rolled into Flood Hazard Management Plan</p>	<ul style="list-style-type: none"> Will provide direction to district and county staff implementing the plan. Will make clear to jurisdictions the district's position on the provision of dam safety information. Will promote transparent decision-making. 	<ul style="list-style-type: none"> The district could address this issue on a case-by-case basis. If desired, a policy statement could be created through a separate mechanism without formalizing it in the plan.
<p><u>Dam safety</u> - What is the district's policy regarding mapping, regulating, and providing public information to property located outside of mapped floodplains but within dam failure inundation areas?</p>	<p>The flood hazard management plan provides the strategic direction for the district, outlining basin-level flood risk reduction strategies and the activities that will be employed to reduce risk in each basin. As work is accomplished, new information becomes available, or conditions change, the plan should reflect new hazards or new hazard areas. As a result priorities may adjust and updated priorities should be clearly communicated to the public. The plan offers a vehicle for this communication.</p>	<p>Required by DMA if District Hazard Mitigation Plan is rolled into Flood Hazard Management Plan</p>	<ul style="list-style-type: none"> The plan would comply with DMA and CRS requirements for updating the action plan. Clearly defined basin strategies identified in the plan would promote transparent decision-making. 	<ul style="list-style-type: none"> The district can modify basin-specific strategies through the Basin Technical Committees, the Advisory Committee, and the Board of Supervisors on an ad hoc basis.
<p><u>Update of basin-specific strategies</u> - Are the flood risk reduction strategies for each basin still appropriate? What is the basin-scale vision, and how does this vision integrate with other objectives over the next several decades? Do the strategies reflect the most recent technical information, including weather and climate forecasting capabilities? Does the assessment of vulnerabilities reflect the most up-to-date economic information?</p>				

DRAFT - 2012 King County Flood Hazard Management Plan Update - Potential Policy Issues

Issue	How does the issue relate to the plan update?	Required/Optional?	Pros of including this issue in a plan update	Cons of including this issue in a plan update
<p><i>External advisory review</i> - The recommendations of the Green River Advisory Review Panel can be helpful in informing future decision-making and should perhaps be reflected in updated district policies. Should the district seek an external advisory review similar to the Green River Advisory Review for other parts of the county?</p>	<p>The plan update offers the opportunity to incorporate some of the recommendations of the Green River Advisory Review Panel into district policies and project recommendations.</p>	Optional	<ul style="list-style-type: none"> The plan's policies and recommendations will reflect the findings of an interdisciplinary team of experts, providing added credibility to the proposed flood risk reduction approach. 	<ul style="list-style-type: none"> The recommendations of the advisory review panel could be implemented (or not) without formalizing them through the planning document. The findings of the advisory review panel could be challenged due to limitations of the review, and if incorporated into plan policies, would undermine these very policies.
<p><i>Large wood and public safety</i> - Should plan policies be revised to reflect the recently-adopted DNRP public rule and large wood protocols?</p>	<p>Given that large wood in rivers is a highly controversial issue, a policy statement in the plan would provide the district's position in a clear and transparent fashion. Furthermore, speaking to large wood in the plan update would provide an opportunity for the district to formally take a position on the DNRP large wood protocols.</p>	Optional	<ul style="list-style-type: none"> Will provide direction to district and county staff implementing the plan. Will make clear to jurisdictions the district's position on large wood. Will promote transparent decision-making. Will allow for consistency between stated flood hazard policies and internal county procedures. 	<ul style="list-style-type: none"> Large wood protocols could be implemented regardless of whether a formal large wood policy is presented in the plan.
<p><i>Coastal erosion hazards</i> - Ongoing FEMA mapping efforts for Vashon Island and incorporated coastlines will require regulations for these mapped coastlines. Should the district weigh in on how these regulations should look?</p>	<p>Incorporating coastal hazard policies into the existing policy framework contained in the plan will ensure the flood plan is the comprehensive decision-making document for the district. To the extent coastal mapping will result in new regulations, the district may have an interest in promoting coastal land use policies that go beyond the minimum FEMA requirements to ensure appropriate development and minimize the need for future capital projects.</p>	Optional	<ul style="list-style-type: none"> Will provide direction to district and county staff implementing the plan. Will make clear to jurisdictions the district's position on coastal erosion hazards. Will promote transparent decision-making. 	<ul style="list-style-type: none"> The district could address this issue on a case-by-case basis. If desired, a policy statement could be created through a separate mechanism without formalizing it in the plan.
<p><i>Performance Benchmarking</i> - Does the plan include milestones and timelines for implementation?</p>	<p>Supports adaptive management of the Plan by documenting expectations regarding the scope, schedule, and budget for plan implementation.</p>	Optional	<ul style="list-style-type: none"> Will provide direction to district and county staff implementing the plan. Will promote transparent decision-making. 	?

	Community Rating System (CRS)	DMA (Disaster Mitigation Act)
What is the federal driver?	Plan must be completed as part of federal voluntary incentive program that recognizes and encourages community floodplain management activities that exceed the minimum NFIP requirements.	Plan must be adopted by local government or special purpose district and approved by state and FEMA to be eligible for FEMA pre- and post-disaster grant funding.
What is the benefit?	Reduced flood risk for communities. Reduced flood insurance rates for citizens.	Reduced hazard (including flood) risk for communities. Financial benefit is eligibility for federal funding, usually for buyouts and elevations that are cost-effective.
Who is eligible?	Local governments under the National Flood Insurance Program	Any public entity: Local governments, special purpose districts, etc.
What is the Planning Timeline?	Every 5 Years (King County last adopted 2006)	Every 5 Years (King County adopted 2009; Flood Control District scheduled for adoption June-July 2010)
What is Required?	DMA Hazard Plan Required Steps:	CRS Plan Required Steps:
	<i>Step 1: Organize resources</i>	<i>Step 1: Organize to Prepare the Plan</i>
	<i>Step 2: Assess risk</i>	<i>Step 2: Involve the public</i>
	<i>Step 3: Engage the public</i>	<i>Step 3: Coordinate with other agencies</i>
	<i>Step 4: Identify goals and objectives</i>	<i>Step 4: Assess the hazard</i>
	<i>Step 5: Identify actions</i>	<i>Step 5: Assess the problem</i>
	<i>Step 6: Develop plan maintenance and implementation strategies</i>	<i>Step 6: Set goals</i>
		<i>Step 7: Review possible activities</i>
		<i>Step 8: Draft an action plan</i>
		<i>Step 9: Adopt the plan</i>
		<i>Step 10: Implement, evaluate, and revise</i>
Are Plan Actions Required once Adopted?	No. CRS requires an annual progress report that generally describes actions completed or not completed.	No. Plan requires at least one action for each hazard that is identified. Actions submitted for grant funding must address hazard, but do not need to be specifically identified in the plan.

Overview of Levee Vegetation Management and Army Corps Funding Eligibility in King County

Background

Under Public Law 84-99 the US Army Corps of Engineers (USACE) is authorized to provide emergency assistance to cost-share and construct levee repairs following a disaster event. Eligibility for this cost-sharing program requires that levee sponsors comply with the USACE Rehabilitation and Inspection Program (RIP), which requires the removal of vegetation greater than 2 inches in diameter from levees. Through a regional variance the Seattle District allows the presence of vegetation up to 4 inches in diameter. If a recent proposed policy change is enacted by the Corps, regional variances would be repealed in September 2010.

King County's Position on Levee Vegetation

Since the early 1990s, King County floodplain managers have observed that incorporating native vegetation in flood facility repairs (an approach referred to as 'bioengineering' or 'biostabilization') decreases flood damage susceptibility while supporting the objectives of the Clean Water Act and Endangered Species Act. It is King County's position that, when properly designed and constructed, vegetation can actually improve the structural stability of levees. King County is actively pursuing additional research in collaboration with the Seattle District of the USACE to better understand the impacts of native vegetation on levees in the Puget Sound region.

Problem Statement

Local governments in the Puget Sound region continue to be caught between conflicting federal mandates: we are required to degrade riparian areas identified as critical habitat for federally listed species so that we can retain our eligibility for federal PL 84-99 funding for critical public safety projects. In other words, to comply with one federal mandate we must risk violating both the Endangered Species and Clean Water Acts. During 2009 a national environmental organization filed a notice of intent to sue the USACE under the ESA for failure to consult the program, but to date has not filed suit.

Facts about PL 84-99 Program and Levee Vegetation in King County

1. USACE projects cost King County \$1 for a project that costs the USACE \$3.50 and could have been completed by King County for an estimated cost of \$2. While there was a net savings to King County during 2008-9, there was also a higher total cost to the taxpayer.
2. During 2008-9, King County removed 512 trees to become eligible for USACE cost-sharing of levee repairs from the 2006 flood disaster. The tree removal rate was 74 trees per mile.
3. Full compliance with the existing regional variance would require the removal of 8,700-19,000 trees (or 238-544 trees per mile), at a cost of \$61,000,000 to \$133,000,000.
4. Compliance with the National Standard would require the removal of 13,600-35,300 trees (or 354-660 trees per mile) at a cost of \$95,000,000 to \$174,000,000.
5. The total cost for removal of trees, mitigation, and acquisition of property on the Green to provide a mitigation site, is \$5,209,000.
6. During 2008-9 the USACE provided \$25,000,000 and King County provided \$10,470,000, or 29% of the total cost of \$35,531,000.
7. King County's share varied from 19% to 77% for repair projects completed 2008-9.
8. King County's cost share percentage was higher on the Snoqualmie (62%) where projects than on the Green (29%).
9. On average, the Seattle District has provided \$12 million per disaster declaration over three states (WA, OR, ID) since 2004. The amount has ranged from \$2 million to \$26.5 million.
10. Since 1990, King County has received approximately \$27 million through the program, including \$25 million in 2008-9.