



# King County

1200 King County  
Courthouse  
516 Third Avenue  
Seattle, WA 98104

## Meeting Agenda

### King County Flood Control District

*Boardmembers: Reagan Dunn, Chair; Dave Upthegrove, Vice Chair; Claudia Balducci, Rod Dembowski, Larry Gossett, Jeanne Kohl-Welles, Kathy Lambert, Joe McDermott, Pete von Reichbauer*

1:30 PM

Monday, July 11, 2016

Room 1001

1. Call to Order

To show a PDF of the written materials for an agenda item, click on the agenda item below.

2. Roll Call

3. Approval of Minutes of special meeting of May 23, 2016 **page 3**

#### Discussion and Possible Action

4. FCD Resolution No. FCD2016-10 **page 5**

A RESOLUTION relating to the operations and finances of the King County Flood Control Zone District; adopting a revised 2016 budget, district oversight budget, capital budget, six-year capital improvement program for 2016 - 2021, and subregional opportunity fund allocations; authorizing improvements; and amending Resolution FCD2015-11.2.

#### Public Hearing Required

5. FCD Resolution No. FCD2016-11 **page 17**

A RESOLUTION relating to the operations and finances of the King County Flood Control Zone District; authorizing the expenditure of District funds for projects and activities in Water Resource Inventory Areas 7 (Snoqualmie Watershed portion) 8, 9 and 10 (King County portion).

6. FCD Resolution No. FCD2016-12 **page 35**

A RESOLUTION relating to the Green River System-Wide Improvement Framework; appointing members of a Lower Green River Corridor Plan Advisory Committee and establishing a Technical Working Group.



*Sign language and communication material in alternate formats can be arranged given sufficient notice (296-1000).  
TDD Number 296-1024.  
ASSISTIVE LISTENING DEVICES AVAILABLE IN THE COUNCIL CHAMBERS.*



7. [FCD Resolution No. FCD2016-13](#) **page 41**

A RESOLUTION relating to the opportunity fund, establishing a policy for the expenditure of opportunity funds by jurisdictions that are located in both King County and an adjacent county, and adding a new section to Resolution FCZD 2008-10.2.

8. **Other Business**

9. **Adjournment**



## Meeting Minutes - Final Without Extra Items

### King County Flood Control District

*Boardmembers: Reagan Dunn, Chair; Dave Upthegrove, Vice  
Chair; Claudia Balducci, Rod Dembowski,  
Larry Gossett, Jeanne Kohl-Welles, Kathy Lambert, Joe  
McDermott, Pete von Reichbauer*

2:30 PM

Monday, May 23, 2016

Room 1001

#### DRAFT MINUTES SPECIAL MEETING

1. Call to Order

*The meeting was called to order at 3:27 p.m.*

2. Roll Call

**Present:** 9 - Ms. Balducci, Mr. Dembowski, Mr. Dunn, Mr. Gossett, Ms. Kohl-Welles,  
Ms. Lambert, Mr. McDermott, Mr. Upthegrove and Mr. von Reichbauer

3. Approval of Minutes of special meeting of April 4, 2016

*Boardmember Upthegrove moved to approve the minutes of the April 4, 2016 special meeting as presented. Seeing no objection, the Chair so ordered.*

### Discussion and Possible Action

4. [FCD Resolution No. FCD2016-06](#)

A RESOLUTION approving an interlocal agreement with the City of Kent regarding design alternatives and property acquisition relating to the Milwaukee II Levee.

*Kjris Lund, Executive Director, summarized her staff report.*

*Rod Kaseguma, Legal Counsel, answered questions of the Board.*

*Mike Mactutis, Environmental Engineering Manager, City of Kent, answered questions of the Board.*

*Boardmember Upthegrove moved Amendment 1. The motion passed by the following vote:*

*Votes: Yes: 9 - Ms. Balducci, Mr. Dembowski, Mr. Dunn, Mr. Gossett, Ms.*

*Kohl-Welles, Ms. Lambert, Mr. McDermott, Mr. Upthegrove and Mr. von Reichbauer*

*No: 0*

*Excused: 0*

**A motion was made by Boardmember Upthegrove that this FCD Resolution be Passed as Amended. The motion carried by the following vote:**

**Yes:** 9 - Ms. Balducci, Mr. Dembowski, Mr. Dunn, Mr. Gossett, Ms. Kohl-Welles,  
Ms. Lambert, Mr. McDermott, Mr. Upthegrove and Mr. von Reichbauer

5. FCD Resolution No. FCD2016-09

A RESOLUTION authorizing the chair to enter into a third amendment to the contract for executive director services.

*Mr. Kaseguma summarized the staff report.*

**A motion was made by Boardmember Upthegrove that this FCD Resolution be Passed. The motion carried by the following vote:**

**Yes:** 6 - Ms. Balducci, Mr. Dunn, Ms. Lambert, Mr. McDermott, Mr. Upthegrove and Mr. von Reichbauer

**No:** 3 - Mr. Dembowski, Mr. Gossett and Ms. Kohl-Welles

6. FCD Motion No. FCD16-02

A MOTION relating to the King County Flood Control Zone District’s 2015 financial statements and adopting the "King County Flood Control Zone District Financial Statements for the Year Ended December 31, 2015".

*Ms. Lund summarized her staff report.*

**A motion was made by Boardmember Upthegrove that this FCD Motion be Passed. The motion carried by the following vote:**

**Yes:** 7 - Mr. Dembowski, Mr. Dunn, Mr. Gossett, Ms. Kohl-Welles, Ms. Lambert, Mr. Upthegrove and Mr. von Reichbauer

**Excused:** 2 - Ms. Balducci and Mr. McDermott

7. Adjournment

*The meeting adjourned at 3:57 p.m.*

Approved this \_\_\_\_\_ day of \_\_\_\_\_.

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Clerk's Signature

1           A RESOLUTION relating to the operations and finances  
2           of the King County Flood Control Zone District; adopting  
3           a revised 2016 budget, district oversight budget, capital  
4           budget, six-year capital improvement program for 2016 -  
5           2021, and subregional opportunity fund allocations;  
6           authorizing improvements; and amending Resolution  
7           FCD2015-11.2.

8           WHEREAS, the King County Flood Control Zone District ("District") adopted its  
9           2016 work program, budget, operating budget, capital budget, six-year capital  
10          improvement program, oversight budget and subregional opportunity fund allocations in  
11          Resolution FCD2015-11.2; and

12          WHEREAS, an annual carry-forward budget resolution is necessary to provide  
13          budget authority for unspent appropriations from the prior year and to reinstate contract  
14          encumbrances; and

15          WHEREAS, the carry-forward amount for unspent appropriations from 2015 to  
16          2016 is \$88,555,644; and

17          WHEREAS, pursuant to RCW 86.15.140, the District held a public hearing on the  
18          proposed carry-forward amount and a supplemental budget on \_\_\_\_\_; and

19 WHEREAS, pursuant to RCW 86.15.110, the board of supervisors ("Board") has  
20 determined that the flood control improvements adopted by this resolution generally  
21 contribute to the objectives of the District's comprehensive plan of development; and

22 WHEREAS, the Board desires to adopt amendments to the District's 2016  
23 budget, operating budget, capital budget, six-year capital improvement program, and  
24 subregional opportunity fund allocations; now, therefore

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

27 SECTION 1. The Board adopts a revised 2016 budget for the District, as set forth  
28 in Attachment A to this resolution, titled "2016 Reallocation Budget 6-16-16," and  
29 amends Section 1 of FCD2015-11.2 accordingly.

30 SECTION 2. The Board adopts a revised 2016 capital budget for the District,  
31 consisting of the projects and expenditures, including the subregional opportunity fund,  
32 as set forth in Attachment B to this resolution, titled "2016 Reallocation Capital Budget  
33 6-16-16," and amends Sections 1 of FCD2015-11.2 accordingly.

34 SECTION 3. The Board adopts a revised six-year capital improvement program  
35 for the District, as set forth in Attachment C to this resolution, titled "2016 - 2021  
36 Reallocation Six-Year CIP 6-16-16," and amends Section 1 of FCD2015-11.2  
37 accordingly.

38 SECTION 4. The Board adopts the 2016 subregional opportunity fund project  
39 list, as set forth in Attachment D to this resolution, titled "2016 Subregional Opportunity  
40 Fund Allocations 6-16-16," and amends Section 1 of FCD2015-11.2 accordingly.

41            SECTION 5. The Board adopts a revised 2016-2021 capital budget project list, as  
42 set forth in Attachment E to this resolution, titled “2016-2021 Reallocated Capital Budget  
43 Project List 6-16-16,” and amends Section 1 of FCD2015-11.2 accordingly.

44            SECTION 6. The Board adopts a revised 2016 annual district oversight budget,  
45 as set forth in Attachment F to this resolution, titled “2016 Revised District Oversight  
46 Budget 6-16-16,” and amends Section 1 of FCD2015-11.2 accordingly.

47            SECTION 7. A. The Board authorizes the extension, enlargement, acquisition or  
48 construction of improvements, as applicable, as set forth on Attachments B, C, D and E  
49 of this resolution.

50            B. The 2006 King County Flood Hazard Management Plan ("Flood Plan"), as  
51 amended, serves as the comprehensive plan of development for flood control and  
52 floodplain management, and has been prepared for the streams or watercourses upon  
53 which the improvements will be enlarged, extended, acquired or constructed. The  
54 improvements authorized herein generally contribute to the objectives of the Flood Plan.

55            C. For improvements that are to be constructed, preliminary engineering studies  
56 and plans have been made, consisting of one or more of the following: the 2006 Flood  
57 Plan, as amended, preliminary feasibility analyses, conceptual designs and design  
58 manuals, and such plans and studies are on file with the county engineer.

59            D. Estimated costs for acquisitions and improvements together with  
60 supporting data are set forth on Attachments B, C, D and E.

61            E. The improvements set forth in Attachments B, C, D and E are determined  
62 to benefit the county as a whole, as well as the zone.

63            SECTION 8. The King County Flood Control Zone District directs King County,  
64 through the water and land resources division, to carry out the necessary flood response  
65 planning and supporting activities prior to the beginning of the 2016-2017 flood season to  
66 assist the town of Skykomish during storm events that may result in significant flooding  
67 impacts to the community. This shall include purchasing an emergency generator and  
68 associated operational equipment; funding expenditures for staff support from the King  
69 County department of transportation and the King County sheriff’s office during flood  
70 emergencies when necessary; supplying sand and sandbags at King County department of  
71 transportation's local operations facility; and installing enhanced gaging equipment for  
72 the South Fork Skykomish River and developing corresponding flood warning  
73 notifications. The King County Flood Control District further directs King County,  
74 through the water and land resources division, to support the King County office of  
75 emergency management in its development of the Comprehensive Emergency  
76 Management Plan in partnership with the town of Skykomish.  
77

KING COUNTY FLOOD CONTROL ZONE  
DISTRICT  
KING COUNTY, WASHINGTON

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Reagan Dunn, Chair

ATTEST:

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Anne Noris, Clerk of the Board

**Attachments:** A. 2016 Reallocation Budget 6-16-16, B. 2016 Reallocation Capital Budget 6-16-16, C. 2016 – 2021 Reallocation Six-Year CIP 6-16-16, D. 2016 Subregional Opportunity Fund Allocations Revised 6-16-16, E. 2016-2021 Reallocated Capital Budget Project List 6-16-16, F. 2016 Revised District Oversight Budget 6-16-16

# King County Flood Control District

## 2016 Reallocation Budget

### Attachment A

6/16/16

| Program  | 2016<br>Approved*   | 2015<br>Carryover   | 2016<br>Reallocation | 2016<br>Revised      |
|--|---------------------|---------------------|----------------------|----------------------|
| Net Flood District Administration                                | \$661,932           | \$0                 | \$10,000             | \$671,932            |
| Maintenance and Operation  | \$9,937,300         | \$0                 | \$0                  | \$9,937,300          |
| Construction and Improvements                                    | \$29,127,456.00     | \$88,555,644        | \$1,428,345          | \$119,111,445        |
| Bond Retirement and Interest                                     | \$0                 | \$0                 | \$0                  | \$0                  |
| <b>Total</b>   | <b>\$39,726,688</b> | <b>\$88,555,644</b> | <b>\$1,438,345</b>   | <b>\$129,720,677</b> |
| Projected Capital Reserves - Cash Fund Balance <sup>1</sup>      | \$56,604,639        |                     |                      | \$63,342,821         |
| Projected Capital Reserves - Budgetary Fund Balance <sup>2</sup> | (\$9,642,000)       |                     |                      | (\$14,079,618)       |

<sup>1</sup> The cash fund balance assumes an expenditure rate of 35% of the capital budget in 2016, informed by prior year actuals.

<sup>2</sup> The budgetary fund balance assumes 100% expenditure of all budgeted amounts and is used to understand budgetary commitment.

# King County Flood Control District

## 2016 Reallocation Capital Budget

### Attachment B

6/16/16

| <b>Basin</b>                            | <b>Acquisition</b>  | <b>Design</b>       | <b>Construction</b> | <b>Contingency</b> | <b>Total</b>         |
|---|---------------------|---------------------|---------------------|--------------------|----------------------|
| Snoqualmie River Basin                  | \$9,083,572         | \$8,242,942         | \$4,574,724         | \$443,302          | \$22,344,540         |
| Cedar River Basin                       | \$4,711,169         | \$13,531,759        | \$1,294,612         | \$38,493           | \$19,576,033         |
| Green River Basin                       | \$0                 | \$8,748,115         | \$17,611,279        | \$2,709,767        | \$29,069,161         |
| White River Basin                       | \$0                 | \$3,785,608         | \$7,059,940         | \$1,850,845        | \$12,696,393         |
| Seattle                                 | \$0                 | \$0                 | \$1,626,665         | \$0                | \$1,626,665          |
| Effectiveness Monitoring                | \$0                 | \$422,038           | \$0                 | \$0                | \$422,038            |
| Countywide Corridor Plan Implementation | \$0                 | \$142,610           | \$0                 | \$0                | \$142,610            |
| Countywide Miscellaneous                | \$0                 | \$0                 | \$0                 | \$864,646          | \$864,646            |
| Opportunity Fund                        | \$0                 | \$0                 | \$15,247,689        | \$0                | \$15,247,689         |
| Grant Fund                              | \$0                 | \$0                 | \$7,892,560         | \$0                | \$7,892,560          |
| WRIA Grant Funding                      | \$0                 | \$0                 | \$9,229,110         | \$0                | \$9,229,110          |
| <b>Total</b>                            | <b>\$13,794,741</b> | <b>\$34,873,072</b> | <b>\$64,536,579</b> | <b>\$5,907,054</b> | <b>\$119,111,445</b> |

# King County Flood Control District

## 2016 - 2021 Reallocation Six-Year CIP

### Attachment C

6/16/16

| Name                                   | 2016<br>Adopted     | 2015<br>Carryover   | 2016<br>Reallocation | 2016<br>Revised      | 2017                | 2018                | 2019                | 2020                | 2021                | 2016 - 2021<br>Total |
|--|---------------------|---------------------|----------------------|----------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|
| Snoqualmie River Basin                 | \$10,654,014        | \$14,680,114        | (\$2,989,588)        | \$22,344,540         | \$31,631,932        | \$8,433,738         | \$7,379,425         | \$18,031,112        | \$3,072,412         | \$90,893,159         |
| Cedar River Basin                      | \$2,509,420         | \$17,066,613        | \$0                  | \$19,576,033         | \$14,484,659        | \$8,935,190         | \$4,154,359         | \$4,104,484         | \$160,410           | \$51,415,135         |
| Green River Basin                      | \$2,562,152         | \$24,589,076        | \$1,917,933          | \$29,069,161         | \$19,075,002        | \$4,187,355         | \$7,718,554         | \$3,708,922         | \$1,514,650         | \$65,273,644         |
| White River Basin                      | (\$284,050)         | \$10,480,443        | \$2,500,000          | \$12,696,393         | \$8,438,128         | \$5,562,500         | \$6,907,500         | \$120,000           | \$100,000           | \$33,824,521         |
| Seattle Projects                       | \$500,000           | \$1,126,665         | \$0                  | \$1,626,665          | \$3,810,756         | \$1,500,000         | \$1,000,000         | \$1,000,000         | \$0                 | \$8,937,421          |
| Effectiveness Monitoring               | \$0                 | \$422,038           | \$0                  | \$422,038            | \$898,945           | \$542,472           | \$422,823           | \$386,497           | \$386,497           | \$3,059,272          |
| Countywide Corridor Plan Implementatio | \$71,305            | \$71,305            | \$0                  | \$142,610            | \$2,489,775         | \$2,452,537         | \$11,213,074        | \$9,430,286         | \$2,010,077         | \$27,738,359         |
| Countywide Miscellaneous               | \$250,000           | \$614,646           | \$0                  | \$864,646            | \$434,678           | \$440,219           | \$445,925           | \$435,086           | \$435,086           | \$3,055,640          |
| Subregional Opportunity Fund           | \$5,564,783         | \$9,682,906         | \$0                  | \$15,247,689         | \$5,721,217         | \$5,870,358         | \$6,020,123         | \$6,171,564         | \$6,326,105         | \$45,357,056         |
| Grant Fund                             | \$2,991,819         | \$4,900,741         | \$0                  | \$7,892,560          | \$3,075,923         | \$3,156,106         | \$3,236,625         | \$3,318,045         | \$3,401,132         | \$24,080,391         |
| WRIA Grant Funding                     | \$4,308,013         | \$4,921,097         | \$0                  | \$9,229,110          | \$4,390,296         | \$4,474,151         | \$4,559,607         | \$4,646,695         | \$4,735,447         | \$32,035,306         |
| <b>Total</b>                           | <b>\$29,127,456</b> | <b>\$88,555,644</b> | <b>\$1,428,345</b>   | <b>\$119,111,445</b> | <b>\$94,451,311</b> | <b>\$45,554,626</b> | <b>\$53,058,015</b> | <b>\$51,352,691</b> | <b>\$22,141,816</b> | <b>\$385,669,904</b> |

# King County Flood Control District

## 2016 Subregional Opportunity Fund Allocations Revised

### Attachment D

6/16/16

| Jurisdiction               | Opportunity Fund Allocation | Project Name   | Project Description  |
|----------------------------|-----------------------------|--|--|
| Algona                     | \$10,000                    | DEFERRING  |  |
| Auburn                     | \$95,971                    | North Central Storm Improvements Phase 1B 30th St NE Area Flooding   | Design and construct replacement of storm sewer pipe with larger pipe to alleviate flooding in north central Auburn.   |
| Beaux Arts                 | \$10,000                    | Stormwater Management Plan   | To develop a stormwater plan that provides a comprehensive assessment of the existing system capacities, address potential changes due to development, and identify flow control and water quality treatment measures that work in conjunction with new town codes and meet Ecology's Stormwater Manual.   |
| Bellevue                   | \$591,693                   | Factoria Blvd. Storm Conveyance Improvements   | Design and construct improvements to reduce or eliminate flooding caused by insufficient drainage system capacity along Factoria Boulevard between SE 38th St. and Richards Creek.   |
| Black Diamond              | \$10,000                    | DEFERRING  |  |
| Bothell                    | \$56,502                    | DEFERRING  |  |
| Burien                     | \$66,847                    | DEFERRING  |  |
| Carnation                  | \$10,000                    | Stormwater Facility Inventory  | Finish the inventory of the various stormwater facilities in the ROW and develop a maintenance plan to ensure the facilities are operating correctly.  |
| Clyde Hill                 | \$29,112                    | DEFERRING  |  |
| Covington                  | \$27,793                    | Clements Drainage Project  | Complete design for project that will include upgrading the last portion of this drainage course and modifying existing conveyance in the vicinity to improve drainage.  |
| Des Moines                 | \$39,303                    | DEFERRING  |  |
| Duvall                     | \$14,298                    | Parkwood Estates Pond Retrofit   | Retrofit an existing pond by adding storage and water quality components. Will reconstruct pond and add biofiltration swales to improve water quality at the pond outlet.  |
| Enumclaw                   | \$15,912                    | DEFERRING  |  |
| Federal Way                | \$120,559                   | Marine Hills Conveyance System Repair Phase I  | Repair or replace failing or substandard stormwater conveyance system in Marine Hills subdivision. Include design and construction.  |
| Hunts Point                | \$13,505                    | DEFERRING  |  |
| Issaquah                   | \$105,953                   | Salmon Run Nature Park Stream Restoration  | Construct bank stabilization on east bank of Issaquah Creek in Salmon Run Nature Park to mitigate ongoing erosion and associated flood hazard and threats to buildings and infrastructure.   |
| Kenmore                    | \$48,466                    | 192nd Culvert Replacement  | Replace an undersized culvert with a new box culvert to eliminate the repeated flooding that occurs at this location.  |
| Kent                       | \$191,012                   | Upper Mill Creek Dam Improvements  | Design and construct improvements that will include modifications to dam's outlet pipes and spillway to meet standards, and raise the height of the dam by 5.5 feet to provide 50-acre-feet of additional flood storage within the dam's reservoir.  |
| King County                | \$530,532                   | Fairwood 4: Stormwater Improvement   | Design and construct pipe repair at Fairwood Park Division 4.  |
| Kirkland                   | \$271,161                   | DEFERRING  |  |
| Lake Forest Park *         | \$0                         | Lyon Creek Flood Mitigation (Relies on prior year appropriation.* )  | Four undersized 6' culverts will be replaced with stream simulation sized culverts that are 20' wide, over 1500' of stream channel will be enhanced to accommodate the increased flows during storm events and the stream channel will be regraded through the project area to increase the velocity of low flows allowing sediment to move through to the lake.   |
| Maple Valley               | \$41,666                    | DEFERRING  |  |
| Medina                     | \$47,168                    | Medina Park Stormwater Pond Improvements   | Remove and dispose of sediment to increase pond storage volume, install outlet control device at upper pond.   |
| Mercer Island              | \$146,720                   | Calkins Landing Shoreline Restoration  | Design and construct shoreline improvements including removal of concrete bulkhead, grading of shoreline, and installation of native trees and shrubs.   |
| Milton                     | \$10,000                    | Acquisition of 603 5th Avenue  | Acquire property that is located within low elevation floodplain in West Milton adjacent to Hylebos Creek. Acquiring this property will give the city a contiguous stretch of floodplain in which to address flooding by removing existing structures.   |
| Newcastle                  | \$33,679                    | Lake Boren Property Acquisition  | Acquire 3.7 acres including the outlet of Lake Boren and Boren Creek, remove unpermitted bridge that impedes flow, demolish homes, restore site.   |
| Normandy Park              | \$18,543                    | DEFERRING  |  |
| North Bend                 | \$14,549                    | Ribary Creek Basin Analysis  | Study and identify maintenance problems and provide recommendations that can be addressed by city maintenance crews and identified and budgeted in future CIP.   |
| Pacific                    | \$10,000                    | DEFERRING  |  |
| Redmond                    | \$208,656                   | Tosh Creek 159th Ave Vault   | Replace an under-performing stormwater vault with a larger facility to control flows in Tosh Creek in Redmond.   |
| Renton                     | \$179,202                   | Cedar River Gravel Removal – Final Design & Mitigation   | Design mitigation for the ongoing and future maintenance dredging in the Cedar River for the purpose of reducing flooding to the Renton Municipal Airport, Boeing Commercial Airplane Plant and various public facilities.   |
| Sammamish                  | \$166,307                   | Inglewood Hill Trunkline and Non-motorized Improvement Project   | Upgrade and install new stormwater facilities to address water quality, flooding and erosion problems to support existing and future development. Approximately 6,100 lf of storm drain pipe, enhanced water quality treatment of over seven acres of pollution generating surfaces, non-motorized improvements, and replacement of an existing stormwater outfall will be constructed.  |
| SeaTac                     | \$38,424                    | DEFERRING  |  |
| Seattle                    | \$2,089,273                 | 1) NW 120th St. & 9th Ave NW Outfall & Drainage Improvements<br>2) Licton Springs Flood Reduction<br>3) Longfellow Creek Flood & Habitat Enhancement | 1) Replace a failed outfall at the west end of NW 120th St., install storm drain pipe and repair roadside ditches to increase flooding service levels in the right-of-way and on private properties upstream.<br>2) Complete design and permits, construct storm drainage improvements near Licton Springs Park in northwest Seattle. Improvements include inlet modifications on Woodlawn Ave N. to increase capacity and reduce frequency of clogging, and adding capacity to the drainage system along Woodlawn Ave N between N 95th St and N 92nd St.<br>3) Complete design and permitting for a project that would remove four undersized driveway culverts and replace with 12-foot arch culverts, widen stream channel along 500 feet of private property and possibly along 500-1000 feet of public property. Install instream structure such as large woody debris. |
| Shoreline                  | \$111,086                   | 25th Ave NE Flood Reduction  | Design and construction to increase the size of approximately 624 feet of existing culverts between Brugger's Bog Park and NE 195th St. to a capacity sufficient to pass the 100-year event peak flows, in order to prevent flooding on private and public property.   |
| Skykomish                  | \$10,000                    | Stormwater System Inventory for Flood Reduction  | Collect and inventory stormwater system for evaluation and analysis in flood reduction efforts.  |
| Snoqualmie                 | \$30,072                    | Snoqualmie Riverfront Demolitions  | Deconstruct, recycle and demolish former residential buildings on 2-3 city-owned properties in the Snoqualmie Riverfront Reach. Demolition activities include recycling surveys, hazardous waste surveys & abatement, stormwater site planning & protection, permitting and material removal.  |
| Tukwila                    | \$62,072                    | Tukwila 205 Levee Certification Phase 2  | Conduct Phase 2 of the levee certification project by studying deficient levee sections identified in Phase 1 and performing detailed site-specific engineering analyses.  |
| Woodinville                | \$40,595                    | 160th Avenue NE Culvert Replacement  | Replace an undersized 18" cross-culvert conveying Cold Creek under 160th Avenue NE with a 30" diameter culvert.  |
| Yarrow Point               | \$13,950                    | CIP #1 – 4201 92nd Ave NE  | Replace about 40 linear feet of 12-inch pipe with 24-inch pipe to better convey flows from developed conditions currently allowed by zoning code.  |
| <b>Jurisdiction Totals</b> | <b>\$5,530,584</b>          |  |  |

King County Flood Control District

2016 - 2021 Project Allocations

Attachment E

6/16/16

| No. | Title  | 2015 ITD Budget | 2015 ITD Expenditure | 2016 Adopted* | 2015 Carryover | 2016 Reallocation Request | 2016 Revised | 2017 Projected | 2018 Projected | 2019 Projected | 2020 Projected | 2021 Projected | 6-Year CIP Total | Project Life Total |
|-----|--|-----------------|----------------------|---------------|----------------|---------------------------|--------------|----------------|----------------|----------------|----------------|----------------|------------------|--------------------|
| 1   | WLFL0 MILLER R RD RVTMNT 2016 REPAIR             | \$0             | \$0                  | \$0           | \$0            | \$50,000                  | \$50,000     | \$710,799      | \$0            | \$0            | \$0            | \$0            | \$760,799        | \$760,799          |
| 2   | WLFL0 SKY W RVR DR FLOOD STUDY                   | \$81,237        | \$2,475              | \$0           | \$78,762       | \$0                       | \$78,762     | \$0            | \$0            | \$0            | \$0            | \$0            | \$78,762         | \$81,237           |
| 3   | WLFL0 SF SKYKMSH REP LOSS MIT                    | \$287,636       | \$283,576            | \$0           | \$4,060        | \$280,014                 | \$284,074    | \$0            | \$0            | \$0            | \$0            | \$0            | \$284,074        | \$567,650          |
| 4   | WLFL0 SKYKOMISH HOME BUYOUTS                     | \$380           | \$380                | \$0           | \$0            | \$0                       | \$0          | \$0            | \$0            | \$0            | \$0            | \$400,000      | \$400,000        | \$400,380          |
| 5   | WLFL0 SKYKOMISH LB DOWN 2016 REPAIR              | \$0             | \$0                  | \$0           | \$0            | \$150,000                 | \$150,000    | \$0            | \$0            | \$0            | \$0            | \$0            | \$150,000        | \$150,000          |
| 6   | WLFL0 SKYKOMISH LB UP 2016 REPAIR                | \$0             | \$0                  | \$0           | \$0            | \$260,845                 | \$260,845    | \$0            | \$0            | \$0            | \$0            | \$0            | \$260,845        | \$260,845          |
| 7   | WLFL0 TIMBER LN EROSN BUYOUTS                    | \$1,770,950     | \$1,267,483          | \$583,495     | \$503,467      | \$0                       | \$1,086,962  | \$601,000      | \$619,030      | \$0            | \$0            | \$0            | \$2,306,992      | \$3,574,475        |
| 8   | WLFL0 TIMBERLANE 2016 REPAIR                     | \$0             | \$0                  | \$0           | \$0            | \$52,500                  | \$52,500     | \$0            | \$0            | \$0            | \$0            | \$0            | \$52,500         | \$52,500           |
| 9   | WLFL1 428TH AVE SE BR FEASIBILITY                | \$300,000       | \$3,369              | \$0           | \$296,631      | \$0                       | \$296,631    | \$0            | \$0            | \$0            | \$0            | \$0            | \$296,631        | \$300,000          |
| 10  | WLFL1 CIRCLE RVR RANCH RISK RED                  | \$150,000       | \$64,225             | \$0           | \$85,775       | \$0                       | \$85,775     | \$0            | \$0            | \$0            | \$0            | \$0            | \$85,775         | \$150,000          |
| 11  | WLFL1 MASON THRSN EXT 2016 REPAIR                | \$0             | \$0                  | \$0           | \$0            | \$240,000                 | \$240,000    | \$0            | \$0            | \$0            | \$0            | \$0            | \$240,000        | \$240,000          |
| 12  | WLFL1 MF SNO CORRIDOR IMP                        | \$1,531,678     | \$0                  | (\$1,531,678) | \$1,531,678    | \$1,100,000               | \$1,100,000  | \$1,608,830    | \$391,776      | \$1,244,138    | \$3,325,350    | \$0            | \$7,670,094      | \$7,670,094        |
| 13  | WLFL1 MF SNO CORRIDOR PLAN                       | \$1,730,605     | \$1,303,295          | \$94,307      | \$427,310      | \$0                       | \$521,617    | \$0            | \$0            | \$0            | \$0            | \$0            | \$521,617        | \$1,824,912        |
| 14  | WLFL1 N BEND RESID FLD MITGNT                    | \$1,555,476     | \$1,544,617          | \$0           | \$10,859       | \$0                       | \$10,859     | \$0            | \$0            | \$0            | \$0            | \$0            | \$10,859         | \$1,555,476        |
| 15  | WLFL1 NORTH FORK BRIDGE 2016 REPAIR              | \$0             | \$0                  | \$0           | \$0            | \$385,000                 | \$385,000    | \$0            | \$0            | \$0            | \$0            | \$0            | \$385,000        | \$385,000          |
| 16  | WLFL1 RECORD OFFICE 2011 REPAIR                  | \$302,835       | \$302,452            | (\$383)       | \$383          | \$0                       | \$0          | \$0            | \$0            | \$0            | \$0            | \$0            | \$0              | \$302,452          |
| 17  | WLFL1 REIF RD 2016 REPAIR                        | \$0             | \$0                  | \$0           | \$0            | \$50,000                  | \$50,000     | \$179,950      | \$0            | \$0            | \$0            | \$0            | \$229,950        | \$229,950          |
| 18  | WLFL1 SHAKE MILL RB 2016 REPAIR                  | \$0             | \$0                  | \$0           | \$0            | \$20,000                  | \$20,000     | \$32,169       | \$0            | \$0            | \$0            | \$0            | \$52,169         | \$52,169           |
| 19  | WLFL1 SHAKE MILL LB 2016 REPAIR                  | \$0             | \$0                  | \$0           | \$0            | \$100,000                 | \$100,000    | \$700,000      | \$0            | \$0            | \$0            | \$0            | \$800,000        | \$800,000          |
| 20  | WLFL1 SF SNO CORR EARLY ACTION                   | \$2,374,020     | \$1,199,708          | \$1,188,724   | \$1,174,314    | \$0                       | \$2,363,038  | \$12,681,891   | \$0            | \$0            | \$0            | \$0            | \$15,044,929     | \$16,244,635       |
| 21  | WLFL1 SF SNO CORRIDOR IMP                        | \$1,022,163     | \$1,303,295          | \$94,307      | \$427,310      | \$0                       | \$521,617    | \$113,142      | \$719,807      | \$285,847      | \$6,109,645    | \$0            | \$7,359,212      | \$7,359,212        |
| 22  | WLFL1 SF SNO CORRIDOR PLAN                       | \$2,385,141     | \$2,336,181          | \$236,313     | \$48,960       | \$0                       | \$285,273    | \$0            | \$0            | \$0            | \$0            | \$0            | \$285,273        | \$2,621,454        |
| 23  | WLFL1 SR202 SF BRIDGE LENGTHEN                   | \$0             | \$0                  | \$0           | \$0            | \$0                       | \$0          | \$0            | \$0            | \$0            | \$100,000      | \$100,000      | \$200,000        | \$200,000          |
| 24  | WLFL1 UPPER SNOO 2015 FLOOD REPAIR               | \$700,000       | \$0                  | \$0           | \$700,000      | \$0                       | \$700,000    | \$0            | \$0            | \$0            | \$0            | \$0            | \$700,000        | \$700,000          |
| 25  | WLFL1 UPR SNO RES FLD MITGNT                     | \$12,391,440    | \$8,469,706          | (\$1,159,049) | \$3,921,734    | \$0                       | \$2,762,685  | \$2,739,187    | \$2,048,863    | \$2,110,329    | \$2,173,639    | \$2,238,848    | \$14,073,551     | \$22,543,257       |
| 26  | WLFL2 DUTCHMAN RD REPAIR                         | \$0             | \$0                  | \$0           | \$0            | \$0                       | \$0          | \$222,698      | \$376,764      | \$0            | \$0            | \$0            | \$599,462        | \$599,462          |
| 27  | WLFL2 FARM FLOOD TSK FORCE IMP                   | \$605,723       | \$555,159            | \$115,214     | \$50,564       | \$0                       | \$165,778    | \$118,670      | \$122,230      | \$125,897      | \$129,674      | \$133,564      | \$795,813        | \$1,350,972        |
| 28  | WLFL2 L SNO REP LOSS MITGNT                      | \$1,268,792     | \$1,268,702          | \$0           | \$443,997      | \$0                       | \$443,997    | \$0            | \$200,000      | \$200,000      | \$200,000      | \$200,000      | \$1,243,997      | \$2,512,699        |
| 29  | WLFL2 L SNO/DAIR CORRDR PLN                      | \$5,600,543     | \$5,522,761          | \$1,200,000   | \$77,782       | \$0                       | \$1,277,782  | \$1,000,000    | \$700,000      | \$700,000      | \$600,000      | \$0            | \$4,277,782      | \$9,800,543        |
| 30  | WLFL2 LWR SNO RESLD FLD MITGNT                   | \$1,994,431     | \$1,704,097          | \$636,540     | \$290,334      | \$0                       | \$926,874    | \$655,636      | \$675,305      | \$695,564      | \$0            | \$0            | \$2,953,379      | \$4,657,476        |
| 31  | WLFL2 SE 19TH WAY REVETMENT                      | \$700,000       | \$78,787             | (\$76,412)    | \$621,213      | \$0                       | \$544,801    | \$1,699,272    | \$0            | \$0            | \$0            | \$0            | \$2,244,073      | \$2,322,860        |
| 32  | WLFL2 SE DAVID POWELL RD                         | \$1,000,000     | \$12,081             | \$0           | \$987,919      | \$0                       | \$987,919    | \$0            | \$0            | \$0            | \$0            | \$0            | \$987,919        | \$1,000,000        |
| 33  | WLFL2 SE FISH HATCHERY RD                        | \$500,000       | \$15,718             | \$0           | \$484,282      | \$0                       | \$484,282    | \$0            | \$0            | \$0            | \$0            | \$0            | \$484,282        | \$500,000          |
| 34  | WLFL2 SINNEMA OUALE 2011 REPR                    | \$9,808,714     | \$10,204,102         | \$267,715     | (\$395,388)    | \$127,673                 | \$0          | \$0            | \$0            | \$0            | \$0            | \$0            | \$0              | \$10,204,102       |
| 35  | WLFL2 TOLT PIPELINE PROTECTION                   | \$899,141       | \$1,096,776          | \$7,637,476   | (\$197,635)    | (\$5,905,620)             | \$1,534,221  | \$6,244,083    | \$42,500       | \$0            | \$0            | \$0            | \$7,820,804      | \$8,917,580        |
| 36  | WLFL3 FREW LEVEE 2016 REPAIR                     | \$0             | \$0                  | \$0           | \$0            | \$50,000                  | \$50,000     | \$100,000      | \$0            | \$0            | \$0            | \$0            | \$150,000        | \$150,000          |
| 37  | WLFL3 GIRL SCOUT LEVEE 2016 REPAIR               | \$0             | \$0                  | \$0           | \$0            | \$20,000                  | \$20,000     | \$40,000       | \$0            | \$0            | \$0            | \$0            | \$60,000         | \$60,000           |
| 38  | WLFL3 SAN SOUJ NBRHOO BUYOUT                     | \$4,699,206     | \$4,123,068          | \$250,000     | \$576,138      | \$0                       | \$826,138    | \$611,927      | \$0            | \$0            | \$0            | \$0            | \$1,438,065      | \$5,561,133        |
| 39  | WLFL3 TOLT 2015 FLOOD REPAIR                     | \$900,000       | \$19,397             | \$0           | \$880,603      | \$0                       | \$880,603    | \$0            | \$0            | \$0            | \$0            | \$0            | \$880,603        | \$900,000          |
| 40  | WLFL3 TOLT CORRIDOR IMPLMNTN                     | \$0             | \$0                  | \$25,252      | \$0            | \$0                       | \$25,252     | \$99,867       | \$635,353      | \$2,017,650    | \$5,392,804    | \$0            | \$8,170,926      | \$8,170,926        |
| 41  | WLFL3 TOLT CORRIDOR PLAN                         | \$828,560       | \$836,125            | \$100,000     | (\$7,565)      | \$30,000                  | \$122,435    | \$0            | \$0            | \$0            | \$0            | \$0            | \$122,435        | \$958,560          |
| 42  | WLFL3 TOLT R MILE 1.1 SETBACK                    | \$4,822,242     | \$4,069,360          | \$877,364     | \$752,882      | \$0                       | \$1,630,246  | \$0            | \$0            | \$0            | \$0            | \$0            | \$1,630,246      | \$5,699,606        |
| 43  | WLFL3 TOLT R NATURAL AREA ACO                    | \$1,639,503     | \$1,138,843          | \$0           | \$500,660      | \$0                       | \$500,660    | \$515,767      | \$1,902,110    | \$0            | \$0            | \$0            | \$2,918,537      | \$4,057,380        |
| 44  | WLFL3 TOLT R RD ELEVATION FEASIBILITY            | \$250,000       | \$0                  | \$0           | \$250,000      | \$0                       | \$250,000    | \$0            | \$0            | \$0            | \$0            | \$0            | \$250,000        | \$250,000          |
| 45  | WLFL4 ALPINE MANOR NEIGHBORHOOD BUYOUTS          | \$2,193,884     | \$1,715,652          | \$180,528     | \$478,232      | \$0                       | \$658,760    | \$957,044      | \$0            | \$0            | \$0            | \$0            | \$1,615,804      | \$3,331,456        |
| 46  | Snoqualmie-South Fork Skykomish Subtotal         | \$63,818,207    | \$49,138,091         | \$10,654,014  | \$14,680,114   | (\$2,999,589)             | \$22,344,540 | \$31,631,932   | \$8,433,738    | \$7,379,425    | \$18,031,112   | \$3,072,412    | \$90,893,159     | \$140,031,251      |
| 47  |  |                 |                      |               |                |                           |              |                |                |                |                |                |                  |                    |
| 48  |  |                 |                      |               |                |                           |              |                |                |                |                |                |                  |                    |
| 49  | WLFL5 SAMMAMISH R BANK REPAIRS                   | \$400,000       | \$15,070             | \$0           | \$384,930      | \$0                       | \$384,930    | \$0            | \$0            | \$0            | \$0            | \$0            | \$384,930        | \$400,000          |
| 50  | WLFL5 WILLOWMOOR FLDPLAIN REST                   | \$1,573,329     | \$1,268,234          | \$659,313     | \$305,095      | \$0                       | \$964,408    | \$750,000      | \$3,250,000    | \$0            | \$0            | \$0            | \$4,964,408      | \$6,232,642        |
| 51  | WLFL6 LOWER CONTROL CRK PH I                     | \$4,075,304     | \$737,768            | (\$2,571,728) | \$3,337,536    | \$0                       | \$765,808    | \$2,275,000    | \$2,457,000    | \$2,311,000    | \$10,000       | \$10,000       | \$7,828,808      | \$8,586,576        |
| 52  | WLFL6 MCALEER/YON CHAN IMPRVN                    | \$700,000       | \$1,034,720          | \$350,000     | (\$334,720)    | \$0                       | \$15,280     | \$0            | \$0            | \$0            | \$0            | \$0            | \$15,280         | \$1,050,000        |
| 53  | WLFL7 CDR PRE-CONST STRTGC ACO                   | \$5,125,558     | \$2,522,532          | (\$2,294,744) | \$2,603,026    | \$0                       | \$308,282    | \$6,331,593    | \$2,312,736    | \$0            | \$0            | \$0            | \$8,952,611      | \$11,475,143       |
| 54  | WLFL7 FBD CORRIDOR IMPLEMENTATION                | \$0             | \$0                  | \$2,150,000   | \$0            | \$0                       | \$2,150,000  | \$4,150,000    | \$0            | \$0            | \$0            | \$0            | \$6,300,000      | \$6,300,000        |
| 55  | WLFL7 CEDAR CORRIDOR IMPLMNTN                    | \$0             | \$0                  | \$16,763      | \$0            | \$0                       | \$16,763     | \$66,294       | \$421,764      | \$1,339,370    | \$3,579,888    | \$0            | \$5,424,079      | \$5,424,079        |
| 56  | WLFL7 CEDAR LEVEE SETBACK FEAS (Cedar Corridor P | \$1,437,987     | \$1,078,763          | \$549,600     | \$359,224      | \$0                       | \$908,824    | \$0            | \$0            | \$0            | \$0            | \$0            | \$908,824        | \$1,987,587        |
| 57  | WLFL7 CEDAR R REP LOSS MITGNT                    | \$3,464,848     | \$3,147,951          | \$323,574     | \$316,897      | \$0                       | \$640,471    | \$333,282      | \$343,280      | \$353,579      | \$364,186      | \$0            | \$2,034,798      | \$5,182,749        |
| 58  | WLFL7 CEDAR RVR GRAVEL REMOVAL                   | \$8,714,768     | \$948,302            | \$3,014,000   | \$7,766,466    | \$0                       | \$10,780,466 | \$578,490      | \$150,410      | \$150,410      | \$150,410      | \$150,410      | \$11,960,596     | \$12,908,898       |
| 59  | WLFL7 ELLIOTT BR LEVEE SETBACK                   | \$2,425,408     | \$2,164,884          | \$0           | \$260,524      | \$0                       | \$260,524    | \$0            | \$0            | \$0            | \$0            | \$0            | \$260,524        | \$2,425,408        |
| 60  | WLFL7 RAINBOW BEND LEVEE STBCK                   | \$2,369,091     | \$1,966,730          | \$0           | \$402,361      | \$0                       | \$402,361    | \$0            | \$0            | \$0            | \$0            | \$0            | \$402,361        | \$2,369,091        |
| 61  | WLFL7 RIVERBEND MHP ACO                          | \$5,044,400     | \$3,379,126          | \$312,642     | \$1,665,274    | \$0                       | \$1,977,916  | \$0            | \$0            | \$0            | \$0            | \$0            | \$1,977,916      | \$5,357,042        |
| 62  | Cedar-Sammamish Subtotal                         | \$35,330,693    | \$18,264,078         | \$2,509,420   | \$17,066,613   | \$0                       | \$19,576,033 | \$14,484,659   | \$8,935,190    | \$4,154,359    | \$4,104,484    | \$160,410      | \$51,415,135     | \$69,679,213       |
| 63  |  |                 |                      |               |                |                           |              |                |                |                |                |                |                  |                    |
| 64  |  |                 |                      |               |                |                           |              |                |                |                |                |                |                  |                    |
| 65  | WLFL8 BLACK R PUMP STATION                       | \$6,414,101     | \$2,853,284          | (\$1,754,042) | \$3,560,817    | \$714,144                 | \$2,520,919  | \$732,700      | \$1,628,600    | \$6,922,200    | \$921,400      | \$1,514,650    | \$14,240,469     | \$17,093,753       |
| 66  | WLFL8 BOEING LEVEE HT INCREASE                   | \$1,829,762     | \$1,639              | (\$1,820,000) | \$1,828,123    | (\$8,123)                 | \$0          | \$0            | \$0            | \$0            | \$0            | \$0            | \$0              | \$1,639            |
| 67  | WLFL8 BOEING LEVEE USACE ERP                     | \$1,750,000     | \$6,751              | \$0           | \$1,743,249    | (\$1,743,249)             | \$0          | \$0            | \$0            | \$0            | \$0            | \$0            | \$0              | \$6,751            |
| 68  | WLFL8 BRISCOE LEVEE SETBACK                      | \$23,330,271    | \$20,562,938         | \$0           | \$2,767,333    | \$0                       | \$2,767,333  | \$0            | \$0            | \$0            | \$0            | \$0            | \$2,767,333      | \$23,330,271       |
| 69  | WLFL8 DESIMONE USACE 2015                        | \$2,500,000     | \$1,668,225          | \$0           | \$831,775      | \$0                       | \$831,775    | \$0            | \$0            | \$0            | \$0            | \$0            | \$831,775        | \$2,500,000        |
| 70  | WLFL8 DYKSTRA USACE 2015                         | \$2,000,000     | \$54,427             | \$0           | \$1,945,573    | (\$314,903)               | \$1,630,670  | \$0            | \$0            | \$0            | \$0            | \$0            | \$1,630,670      | \$1,685,097        |
| 71  | WLFL8 GREEN R PL 84-99 MITTGATN                  | \$4,062,557     | \$3,347,684          | \$0           | \$714,873      | \$0                       | \$714,873    | \$1,287,641    | \$1,582,361    | \$695,661      | \$0            | \$0            | \$4,280,556      | \$7                |

| No. | Title                          | 2015 ITD Budget | 2015 ITD Expenditure | 2016 Adopted* | 2015 Carryover | 2016 Reallocation Request | 2016 Revised  | 2017 Projected | 2018 Projected | 2019 Projected | 2020 Projected | 2021 Projected | 6-Year CIP Total | Project Life Total |
|-----|--------------------------------|-----------------|----------------------|---------------|----------------|---------------------------|---------------|----------------|----------------|----------------|----------------|----------------|------------------|--------------------|
| 97  |                                |                 |                      |               |                |                           |               |                |                |                |                |                |                  |                    |
| 98  |                                |                 |                      |               |                |                           |               |                |                |                |                |                |                  |                    |
| 99  | WLFLG FLOOD REDUCTION GRANTS   | \$5,549,963     | \$649,222            | \$2,991,819   | \$4,900,741    |                           | \$7,892,560   | \$3,075,923    | \$3,156,106    | \$3,236,625    | \$3,318,045    | \$3,401,132    | \$24,080,391     | \$24,729,613       |
| 100 | WLFLM EFFECTIVENESS MONITORING | \$1,861,120     | \$1,439,082          | \$0           | \$422,038      |                           | \$422,038     | \$898,945      | \$542,472      | \$422,823      | \$386,497      | \$386,497      | \$3,059,272      | \$4,498,354        |
| 101 | WLFLQ SUBREGNL OPPRTNTY FUND   | \$32,374,717    | \$22,691,811         | \$5,564,783   | \$9,682,906    |                           | \$15,247,689  | \$5,721,217    | \$5,870,358    | \$6,020,123    | \$6,171,564    | \$6,326,105    | \$45,357,056     | \$68,048,867       |
| 102 | WLFLX CENTRAL CHARGES          | \$866,053       | \$491,493            | \$0           | \$374,560      |                           | \$374,560     | \$184,678      | \$190,219      | \$195,925      | \$185,086      | \$185,086      | \$1,315,554      | \$1,807,047        |
| 103 | WLFLX FLOOD EMERGENCY CONTNGCY | \$541,003       | \$300,917            | \$250,000     | \$240,086      |                           | \$490,086     | \$250,000      | \$250,000      | \$250,000      | \$250,000      | \$250,000      | \$1,740,086      | \$2,041,003        |
| 104 | WLFLX WRIA GRANTS              | \$14,400,946    | \$9,479,849          | \$4,308,013   | \$4,921,097    |                           | \$9,229,110   | \$4,390,296    | \$4,474,151    | \$4,559,607    | \$4,646,695    | \$4,735,447    | \$32,035,306     | \$41,515,155       |
| 105 | Countywide Subtotal            | \$55,593,802    | \$35,052,375         | \$13,114,615  | \$20,941,428   | \$0                       | \$33,656,043  | \$14,521,059   | \$14,483,306   | \$14,685,103   | \$14,957,887   | \$15,284,267   | #####            | \$142,640,040      |
| 1   | Grand Total                    | \$260,807,345   | \$172,251,698        | \$29,127,456  | \$88,555,644   | \$1,428,345               | \$119,111,445 | \$94,451,311   | \$45,554,626   | \$53,058,015   | \$51,352,691   | \$22,141,816   | #####            | \$557,921,603      |

# King County Flood Control District

## 2016 Reallocation Capital Budget

### Attachment F

6-16-16

|                             | <b>2016<br/>Proposed</b> | <b>Reallocation</b> | <b>2016<br/>Revised</b> |
|-----------------------------|--------------------------|---------------------|-------------------------|
| Management & Support        | \$265,675                |                     | \$265,675               |
| Rent and Equipment          | \$11,255                 |                     | \$11,255                |
| Legal Services              | \$92,292                 |                     | \$92,292                |
| Accounting                  | \$84,872                 | \$10,000            | \$94,872                |
| State Auditor               | \$19,000                 |                     | \$19,000                |
| Other Professional Services | \$90,000                 |                     | \$90,000                |
| Expenses                    | \$16,883                 |                     | \$16,883                |
| Insurance                   | \$81,955                 |                     | \$81,955                |
| <b>Total</b>                | <b>\$661,932</b>         | <b>\$10,000</b>     | <b>\$671,932</b>        |

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1           A RESOLUTION relating to the operations and finances of the  
2           King County Flood Control Zone District; authorizing the  
3           expenditure of District funds for projects and activities in Water  
4           Resource Inventory Areas 7 (Snoqualmie Watershed portion) 8, 9  
5           and 10 (King County portion).

6           WHEREAS, the King County Flood Control Zone District's ("District")  
7           comprehensive plan prioritizes expanded partnerships and collaborations with watershed  
8           forums; and

9           WHEREAS, the District's comprehensive plan emphasizes the consideration of  
10          fish and wildlife habitat when managing flood-risk; and

11          WHEREAS, the District seeks to protect public safety and promote the recovery  
12          of native salmon species; and

13          WHEREAS, the District adopts an annual work program, budget, operating  
14          budget for King County, capital budget and six-year capital improvement program  
15          pursuant to chapter 86.15 RCW; and

16          WHEREAS, the District desires to continue funding watershed resource inventory  
17          area ("WRIA") activities and projects that are identified using a process for awarding  
18          WRIA grants in which the WRIA forums made grant recommendations to the District

19 and the King County water and land resources division administers the grant processes;  
20 and

21 WHEREAS, in establishing the District's 2016 budget, the District provided  
22 \$4,303,013 in funding for projects and activities in WRIA's 7 (Snoqualmie Watershed  
23 portion), 8, 9 and 10 (King County portion); now, therefore

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

26 SECTION 1. A. The Board authorizes the funding of water quality and water  
27 resources and habitat restoration projects and activities as follows:

- 28 1. WRIA 7 (Snoqualmie Watershed portion) - \$855,141;
- 29 2. WRIA 8 - \$1,556,772;
- 30 3. WRIA 9 - \$1,642,105; and
- 31 4. WRIA 10 (King County portion) - \$225,668.

32 B. The amounts listed in Section A. are in accordance with the projects, grant  
33 recipients and individual grant amounts described in Attachment A to this resolution.

34

KING COUNTY FLOOD CONTROL ZONE  
DISTRICT  
KING COUNTY, WASHINGTON

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Reagan Dunn, Chair

ATTEST:

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Anne Noris, Clerk of the Board

**Attachments:** A. 2016 WRIA Grant Recommendations

| WRIA                              | Project Name   | Project Sponsor          | Project Description   | Leveraged Funds | CWM Request      |
|-----------------------------------|--|--------------------------|---|-----------------|------------------|
| <b>SNOQUALMIE FORUM IN WRIA 7</b> |  |                          |   |                 |                  |
| 7                                 | 2017 Snoqualmie Restoration and Project Assistance Program | King County WLR Division | King County will provide project development assistance and regional coordination to implement the Snohomish River Salmon Conservation Plan in the King County portion of WRIA 7. Direct project assistance will include design review, site visits, grant writing and project coordination.  | \$13,690        | <b>\$115,000</b> |
| 7                                 | Habitat Conditions Report                                  | King County WLR Division | King County will perform habitat condition surveys in the Snoqualmie River from the falls to the King-Snohomish County Line as well as the lower five to six miles of the Raging and Tolt Rivers. The goal of this effort is to understand the current condition of the habitat and assess whether habitat conditions have improved over the last 15 years. |                 | <b>\$68,056</b>  |
| 7                                 | Cherry Creek Phase I Riparian Restoration                  | Sound Salmon Solutions   | This riparian restoration project will complement the Cherry Creek Phase I construction project by starting the seeding and planting of native plants to reduce erosion, reduce overland flow nutrient inputs, and provide much needed shade to reduce the high water temperatures in the creek.  |                 | <b>\$27,330</b>  |
| 7                                 | Aronica Farm Riparian Restoration Phase II                 | Stewardship Partners     | Stewardship Partners will continue working at Aronica Farm and restore an additional 2,000 linear feet of left bank riparian habitat along the mainstem Snoqualmie River. A total area of 70,000 square feet (1.6 acres) will be restored and another 2,000 linear feet of livestock exclusion fence will be installed.                                     | \$22,000        | <b>\$74,476</b>  |
| 7                                 | Snoqualmie River Juvenile Salmon Outmigration Monitoring   | Tulalip Tribes           | Continue monitoring juvenile salmon outmigration in the Snoqualmie River Basin. These funds will go to the operation of the screw trap located at river mile 12.2 near Duvall. The project provides ongoing status, trends and abundance monitoring needed to support run forecasting, and gage salmon recovery in the Snohomish Basin.                     | \$45,326        | <b>\$72,113</b>  |
| 7                                 | Beckler Confluence Large Wood Design                       | Wild Fish Conservancy    | Develop permit level designs for an Engineered Log Jam/Large Wood project within the confluence reach of the Lower Beckler River and South Fork Skykomish River. The goal of the constructed project will be to reconnect the lower Beckler River to its historic alluvial fan, improving site conditions and salmon habitat.                               | \$59,947        | <b>\$59,947</b>  |
| 7                                 | Patterson Creek Floodplain Restoration                     | King County WLR Division | Design and permitting to expand and restore salmon spawning and rearing habitat by restoring floodplain topography, lowland riparian forest and shrubland; placing instream LWD and restoring branching channels to 2,347 lineal feet of Patterson Creek.   | \$25,000        | <b>\$125,000</b> |

| WRIA | Project Name  | Project Sponsor                   | Project Description  | Leveraged Funds | CWM Request      |
|------|---|-----------------------------------|--|-----------------|------------------|
| 7    | South Fork Skykomish Riparian Health                  | King County WLR Division          | Continue treating and monitoring knotweed infestations on the South Fork Skykomish River. The project will improve riparian ecosystem functioning (including salmon habitat) and the facilitate regeneration of riparian forest.   | \$2,936         | <b>\$39,931</b>  |
| 7    | South Fork Snoqualmie River Levee Setback Project     | City of North Bend                | Set back the Nintendo levee, removing up to 2,500 feet of the existing levee along the left bank at river mile 2.5 of the South Fork of the Snoqualmie River. This will reconnect approximately 25 acres of the floodplain including the area where Ribary Creek flows. CWM funding will cover preliminary design and floodplain invasive removal.   | \$13,920,000    | <b>\$125,000</b> |
| 7    | Camp Terry Environmental Education                    | Mountains to Sound Greenway Trust | Develop and implement a comprehensive outdoor environmental education curriculum focused on the natural resources near at hand. This collaborative proposal is a natural extension of prior restoration efforts in the area, and will establish high-quality, inquiry-based environmental education. The property is located along the Raging River and approximately 350 youth visit the camp each week during the summer.  | \$7,900         | <b>\$20,000</b>  |
| 7    | Kimball Creek Restoration                             | City of Snoqualmie                | Kimball Creek, a Snoqualmie River tributary, has suffered habitat and water quality degradation through land use and alteration. This project will remove six to ten acres of knotweed and other invasive vegetation on approximately 38.5 acres of City-owned property, and 4.7 acres of rail line owned by the Northwest Railway Museum. Impacted areas will be revegetated with nearly 6,000 native tree and shrub species.   | \$19,994        | <b>\$78,023</b>  |
| 7    | Snoqualmie Valley Watershed Education and Stewardship | NatureVision                      | Provide custom education programs, including field trips and small scale restoration projects, to classes from schools in the Riverview and Snoqualmie Valley School Districts. Classes of 3rd-12th grade students will become "Blue Teams" by completing an education program and restoration action project to improve salmon habitat and water quality.   | \$3,756         | <b>\$16,650</b>  |
| 7    | Citizen Action Training School                        | Sound Salmon Solutions            | The Citizen Action Training School (CATS) is a science-based education and engagement program that will train 20+ active citizens on local salmon recovery, water quality, and other local environmental issues. Each participant of the CATS program will culminate their experience by planning, organizing, and implementing an on-the-ground stewardship project that will directly contribute to the health of the Snoqualmie watershed, and the greater Puget Sound watershed. | \$13,610        | <b>\$15,695</b>  |

| WRIA                              | Project Name  | Project Sponsor                       | Project Description  | Leveraged Funds | CWM Request      |
|-----------------------------------|---|---------------------------------------|--|-----------------|------------------|
| 7                                 | Middle Fork Snoqualmie Stewardship  | King County Parks Division            | Complete restoration at two parks along the Middle Fork Snoqualmie River (Three Forks Natural Area and Middle Fork Snoqualmie Natural Area). This project would restore a minimum of 2.5 acres and 400 feet of shoreline by removing invasives and planting 3,000 native trees and shrubs with over 600 hours of volunteer time. | \$12,850        | <b>\$17,920</b>  |
| <b>Snoqualmie Forum Subtotals</b> |   |                                       |  | \$14,147,009    | <b>\$855,141</b> |
| <b>WRIA 8</b>                     |   |                                       |  |                 |                  |
| 8                                 | Lower Taylor Creek Restoration Final Design                                     | Seattle Public Utilities              | Complete final designs for a project to restore stream, floodplain, riparian, delta, and lakeshore processes for a tributary to south Lake Washington.   | \$300,000       | <b>\$300,000</b> |
| 8                                 | Wayne Sammamish Community Project   | Forterra                              | Funds will contribute to the permanent protection and transfer to public ownership of the 89-acre Wayne Golf Course property in the City of Bothell.   | \$300,000       | <b>\$600,000</b> |
| 8                                 | Cedar River Stewardship-in-Action   | Seattle Public Utilities              | The partnership between Seattle Public Utilities, Forterra, and King County Noxious Weed Control Program will treat and control invasive plants and restore native plant communities along the Cedar River from Landsburg Dam to the City of Renton.   | \$54,261        | <b>\$174,627</b> |
| 8                                 | Issaquah Tributary Restoration at Hope Creek                                    | Mountains to Sound Greenway Trust     | Remove invasive plants and install native vegetation adjacent to other protected and restored areas, complementing previous restoration efforts.   | \$17,500        | <b>\$46,250</b>  |
| 8                                 | 2017 Lake Washington Juvenile Salmon Monitoring                                 | Washington Dept. of Fish and Wildlife | Trap and tag juvenile Chinook salmon in WRIA 8 to to evaluate the success of implementing the <i>WRIA 8 Chinook Salmon Conservation Plan</i> .   |                 | <b>\$242,460</b> |
| 8                                 | 2017 Adult Chinook (Fish-In) Monitoring   | King County WLR Division              | Monitor spawning Chinook salmon in WRIA 8 to evaluate the success of implementing the <i>WRIA 8 Chinook Salmon Conservation Plan</i> .   | \$18,903        | <b>\$57,540</b>  |
| 8                                 | Predator Abundance and Predation Impacts on Juvenile Chinook and Sockeye Salmon | Washington Dept. of Fish and Wildlife | Estimate the abundance of salmon predators, quantify the magnitude of the problem, and provide information about factors that affect predation and can be addressed through management action.   | \$146,544       | <b>\$42,572</b>  |

| WRIA                    | Project Name  | Project Sponsor                         | Project Description  | Leveraged Funds | CWM Request |
|-------------------------|---|---|--|-----------------|-------------|
| 8                       | Effects of Different Types of Artificial Nighttime Lighting on Juvenile Chinook Salmon in Lake Washington | U.S. Fish and Wildlife Service          | Building on emerging research demonstrating juvenile Chinook are attracted to lights, which may increase their vulnerability to predators, this work will test light sources to provide new information to resource managers on how to reduce the effects of nighttime lighting on Chinook while maintaining safety.                       | \$11,583        | \$14,795    |
| 8                       | Beach Naturalist Program  | Seattle Aquarium                        | Train naturalists to motivate behavioral change by raising the public's understanding of the value of the intertidal ecosystem, the nearshore, and Puget Sound for salmon.   | \$70,914        | \$13,200    |
| 8                       | Cedar River Salmon Journey  | Seattle Aquarium                        | Educate citizens about Cedar River salmon, watershed health, and the actions citizens can take to help salmon recovery efforts.  | \$80,631        | \$38,500    |
| 8                       | Citizen Action Training School  | Mid-Sound Fisheries Enhancement Group   | Engage and empower citizens in habitat protection and restoration by offering an 8-week training course on watershed health in exchange for participants conducting a volunteer project of at least 50 hours.  | \$27,010        | \$16,828    |
| 8                       | Salmon Education and Outreach   | Friends of the Issaquah Salmon Hatchery | Enhance existing educational programs and outreach at the Issaquah Hatchery (the most visited hatchery in the state) and expand outreach efforts to new venues.  | \$201,510       | \$10,000    |
| <b>WRIA 8 Subtotals</b> |   |   |  | \$1,228,856     | \$1,556,772 |
| <b>WRIA 9</b>           |   |   |  |                 |             |
| 9                       | Tukwila "Green the Green" Shoreline Revegetation Project  | City of Tukwila                         | Remove invasive species and revegetate with native plants along approximately 1,200 linear feet of shoreline. The plant installation will focus on providing shade with the "critical", "high", or "medium" need areas as shown in the <i>Riparian Aspects Map</i> .   | \$10,000        | \$53,459    |
| 9                       | Whitney Bridge Revegetation   | King County WLR Division                | Revegetate riparian zone of the Green River at Whitney Bridge Park (river mile 41.5) in a "critical" location per the Riparian Aspects Map to provide much-needed shade to the most important reach in the watershed for Chinook salmon spawning. A total of 4.0 acres, including 1,000 linear feet of riparian zone, will be revegetated. |                 | \$75,000    |
| 9                       | Lower Green River Cooperative Riparian Habitat Improvement Project  | Forterra                                | This effort will expand on previous, successful efforts to reduce the impact of noxious weeds and reducing stream temperatures in the lower Green River by restoring native trees to streamside public and private lands.  | \$35,863        | \$121,541   |

| WRIA | Project Name  | Project Sponsor                    | Project Description  | Leveraged Funds | CWM Request      |
|------|---|------------------------------------|--|-----------------|------------------|
| 9    | Porter Levee Setback Construction                       | King County WLR Division           | The project will remove a portion of the Porter Levee along the Middle Green River, protect the Green Valley Road, and enhance the floodplain with habitat features. Funding from this grant will go toward revegetating the areas disturbed by construction and other open areas.   | \$5,200,000     | <b>\$88,942</b>  |
| 9    | Van Doren's Park Preliminary Design                     | King County WLR Division           | This will fund design and permitting of the Van Doren's Landing Habitat Restoration Project, including technical studies, alternatives analysis, project design and permit materials. The project will reconnect nine to twelve acres of floodplain and restore about 1,600 linear feet of riparian forest along the lower Green River between river mile 19.3 and 18.6.   |                 | <b>\$300,000</b> |
| 9    | Duwamish and Nearshore Property Acquisition Feasibility | King County WLR Division           | This grant will help determine landowner willingness to set and site feasibility of properties along the Duwamish River and WRIA 9 nearshore for habitat protection and/or restoration. WRIA 9 needs to identify the next large project along the Duwamish to expand rearing habitat for juvenile salmonids. The nearshore parcels, if subsequently purchased with other funding, would protect important feeder bluffs. |                 | <b>\$160,000</b> |
| 9    | Big Spring Creek Restoration, Phase 3                   | King County WLR Division           | This grant will fund the construction of Phase 3 of this project. Phases 1 and 2 resulted in the construction of a 4,000-lineal foot stream channel from where the stream crosses 244th Ave. SE downstream to the confluence with Newaukum creek. Phase 3 will plant those areas of the project that were not planted with Corps funding under the Ecosystem Restoration Project (ERP) program.                          | \$6,200,000     | <b>\$80,000</b>  |
| 9    | Lowman Beach Seawall Removal Feasibility                | City of Seattle                    | Conduct a feasibility study for removal of the failing seawall at Lowman Beach Park and regrading of the shoreline. The purpose is to create a natural sloping beach with large wood and native vegetation to provide marine nearshore habitat for migratory juvenile Chinook salmon.  |                 | <b>\$250,000</b> |
| 9    | Teufel Property Soil Contamination Investigation        | King County WLR Division           | Investigate the depth of pesticide soil contamination at the former Teufel nursery property. The results will be used to help develop remedial cost estimates and final restoration design plans for a salmon habitat restoration project.   |                 | <b>\$49,163</b>  |
| 9    | WRIA 9 Capital Projects Implementation                  | King County WLR Division           | Funding will support implementation of projects and programs in the Green/Duwamish and Central Puget Sound watershed, including development of project funding strategies, technical support and solicitation of new projects. This function supports the resources and tools needed for capital improvement implementation.   |                 | <b>\$132,000</b> |
| 9    | WRIA 9 Habitat Plan Technical and Outreach Support      | King County WLR Division Resources | This grant would fund staff from the King County Science Section and/or consultants to support updating the WRIA 9 Salmon Habitat Plan; this help is critical for supporting plan implementation and a science-based update. Outreach support will be necessary  |                 | <b>\$161,000</b> |

| WRIA                    | Project Name   | Project Sponsor  | Project Description  | Leveraged Funds | CWM Request |
|-------------------------|--|--|--|-----------------|-------------|
|                         |  |  | to inform the public and hold public meetings to gather input during the Salmon Habitat Plan update.   |                 |             |
| 9                       | Changing Behaviors: Improving Watershed Health and Salmon Habitat through Education and Outreach | Environmental Science Center at Seahurst Park in Burien            | Increase public awareness of watershed health and salmon habitat protection with curriculum, field studies, educational outreach, and community events. This project will encourage people in WRIA 9 to make positive behavior changes to improve water quality of Puget Sound and protect salmon habitat.   | \$88,480        | \$30,000    |
| 9                       | Duwamish River Streamflow Discharge and Water Quality Monitoring                                 | U.S. Geological Survey   | This will help fund two gages in the tidally-influenced zone of the Duwamish River to collect sediment and chemical load data combined with streamflow discharge, turbidity, water temperature and salinity. This information will be used to help plan future projects.   |                 | \$10,000    |
| 9                       | Green River Smolt Monitoring and Otolith Analysis  | Washington Department of Fish and Wildlife                         | This funding will contribute towards operation of the Green River screw trap. The focus of this project is to estimate the number of naturally-produced Puget Sound Chinook salmon originating from the river system and is part of a long-term monitoring effort.   |                 | \$85,000    |
| 9                       | Duwamish Chinook Rearing Analysis and Report   | University of Washington, School of Aquatic and Fisheries Sciences | Juvenile salmon and other fish at restored and un-restored sites within the Duwamish estuary were sampled in Spring-Summer 2016. Funding is requested for analyzing the sampling data and preparing a report on the results.   |                 | \$25,000    |
| 9                       | Beach Naturalist Program   | Seattle Aquarium   | The Beach Naturalist Program is a public education and outreach program that engages local citizen volunteers to teach the public about the importance of the nearshore environment.   | \$63,114        | \$21,000    |
| <b>WRIA 9 Subtotals</b> |  |  |  | \$11,597,457    | \$1,642,105 |
| <b>WRIA 10</b>          |  |  |  |                 |             |
| 10                      | White River Juvenile Salmon Production Assessment Project  | Puyallup Tribe of Indians  | This project will monitor the outmigration of juvenile salmon on the White River to establish abundance estimates, run timing and biological characteristics for ESA listed salmon species, Chinook and Steelhead. The trap will be installed, maintained and fished with three temporary employees and additional staff from the Puyallup Tribe of Indians Fisheries Department. This is a continuation of a project funded by CWM in FY 2014 and 2015. |                 | \$150,668   |

| WRIA                     | Project Name   | Project Sponsor          | Project Description  | Leveraged Funds | CWM Request        |
|--------------------------|--|--------------------------|--|-----------------|--------------------|
| 10                       | Middle Boise Creek Restoration - VanWieringen Final Design | King County WLR Division | Fund a portion of the cost of a final design that would facilitate a 2018 Middle Boise Creek riparian restoration project to improve salmon habitat. | \$88,080        | \$75,000           |
| <b>WRIA 10 Subtotals</b> |  |                          |  | \$88,080        | <b>\$225,668</b>   |
| <b>TOTALS</b>            |  |                          |  | \$27,061,402    | <b>\$4,279,686</b> |

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Sponsor: Dunn

Proposed No.: FCD2016-11

1 **AMENDMENT TO RESOLUTION FCD2016-11, VERSION 1**

2 Delete Attachment A. 2016 WRIA Grant Recommendations and insert Attachment A.

3 2016 Cooperative Watershed Management Grant Recommendations June 27, 2016

4 **EFFECT: *clarifies projects, grant recipients and individual grant amounts funded by***

5 ***the resolution.***

| WRIA                              | Project Name   | Project Sponsor        | Project Description   | Match Funds | CWM Request      |
|-----------------------------------|--|------------------------|---|-------------|------------------|
| <b>SNOQUALMIE FORUM IN WRIA 7</b> |  |                        |   |             |                  |
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| 7                                 | Aronica Farm Riparian Restoration Phase II                 | Stewardship Partners   | Stewardship Partners will continue working at Aronica Farm and restore an additional 2,000 linear feet of left bank riparian habitat along the mainstem Snoqualmie River. A total area of 70,000 square feet (1.6 acres) will be restored and another 2,000 linear feet of livestock exclusion fence will be installed.                                     | \$22,000    | <b>\$74,476</b>  |
| 7                                 | Snoqualmie River Juvenile Salmon Outmigration Monitoring   | Tulalip Tribes         | Continue monitoring juvenile salmon outmigration in the Snoqualmie River Basin. These funds will go to the operation of the screw trap located at river mile 12.2 near Duvall. The project provides ongoing status, trends and abundance monitoring needed to support run forecasting, and gage salmon recovery in the Snohomish Basin.                     | \$45,326    | <b>\$72,113</b>  |
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| WRIA | Project Name  | Project Sponsor                   | Project Description   | Match Funds  | CWM Request      |
|------|---|-----------------------------------|---|--------------|------------------|
| 7    | South Fork Skykomish Riparian Health                  | King County Noxious Weeds         | Continue treating and monitoring knotweed infestations on the South Fork Skykomish River. The project will improve riparian ecosystem functioning (including salmon habitat) and the facilitate regeneration of riparian forest.  | \$2,936      | <b>\$39,931</b>  |
| 7    | South Fork Snoqualmie River Levee Setback Project     | City of North Bend                | Set back the Nintendo levee, removing up to 2,500 feet of the existing levee along the left bank at river mile 2.5 of the South Fork of the Snoqualmie River. This will reconnect approximately 25 acres of the floodplain including the area where Ribary Creek flows. CWM funding will cover preliminary design and floodplain invasive removal.  | \$13,920,000 | <b>\$125,000</b> |
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| 7    | Kimball Creek Restoration                             | City of Snoqualmie                | Kimball Creek, a Snoqualmie River tributary, has suffered habitat and water quality degradation through land use and alteration. This project will remove six to ten acres of knotweed and other invasive vegetation on approximately 38.5 acres of City-owned property, and 4.7 acres of rail line owned by the Northwest Railway Museum. Impacted areas will be revegetated with nearly 6,000 native tree and shrub species.  | \$19,994     | <b>\$78,023</b>  |
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| WRIA                              | Project Name  | Project Sponsor                       | Project Description  | Match Funds  | CWM Request |
|-----------------------------------|---|---------------------------------------|--|--------------|-------------|
|                                   |   |                                       | watershed.   |              |             |
| 7                                 | Middle Fork Snoqualmie Stewardship  | King County Parks                     | Complete restoration at two parks along the Middle Fork Snoqualmie River (Three Forks Natural Area and Middle Fork Snoqualmie Natural Area). This project would restore a minimum of 2.5 acres and 400 feet of shoreline by removing invasives and planting 3,000 native trees and shrubs with over 600 hours of volunteer time. | \$12,850     | \$17,920    |
| <b>Snoqualmie Forum Subtotals</b> |   |                                       |  | \$14,147,009 | \$855,141   |
| <b>WRIA 8</b>                     |   |                                       |  |              |             |
| 8                                 | Lower Taylor Creek Restoration Final Design   | Seattle Public Utilities              | Complete final designs for a project to restore stream, floodplain, riparian, delta, and lakeshore processes for a tributary to south Lake Washington.   | \$300,000    | \$300,000   |
| 8                                 | Wayne Sammamish Community Project   | Forterra                              | Funds will contribute to the permanent protection and transfer to public ownership of the 89-acre Wayne Golf Course property in the City of Bothell.   | \$300,000    | \$600,000   |
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| 8                                 | Issaquah Tributary Restoration at Hope Creek  | Mountains to Sound Greenway Trust     | Remove invasive plants and install native vegetation adjacent to other protected and restored areas, complementing previous restoration efforts.   | \$17,500     | \$46,250    |
| 8                                 | 2017 Lake Washington Juvenile Salmon Monitoring   | Washington Dept. of Fish and Wildlife | Trap and tag juvenile Chinook salmon in WRIA 8 to to evaluate the success of implementing the <i>WRIA 8 Chinook Salmon Conservation Plan</i> .   |              | \$242,460   |
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| WRIA                    | Project Name   | Project Sponsor                         | Project Description  | Match Funds        | CWM Request        |
|-------------------------|--|---|--|--------------------|--------------------|
| 8                       | Beach Naturalist Program   | Seattle Aquarium                        | Train naturalists to motivate behavioral change by raising the public's understanding of the value of the intertidal ecosystem, the nearshore, and Puget Sound for salmon.   | \$70,914           | <b>\$13,200</b>    |
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| 8                       | Salmon Education and Outreach                                      | Friends of the Issaquah Salmon Hatchery | Enhance existing educational programs and outreach at the Issaquah Hatchery (the most visited hatchery in the state) and expand outreach efforts to new venues.  | \$201,510          | <b>\$10,000</b>    |
| <b>WRIA 8 Subtotals</b> |  |   |  | <b>\$1,228,856</b> | <b>\$1,556,772</b> |
| <b>WRIA 9</b>           |  |   |  |                    |                    |
| 9                       | Tukwila "Green the Green" Shoreline Revegetation Project           | City of Tukwila                         | Remove invasive species and revegetate with native plants along approximately 1,200 linear feet of shoreline. The plant installation will focus on providing shade with the "critical", "high", or "medium" need areas as shown in the <i>Riparian Aspects Map</i> .   | \$10,000           | <b>\$53,459</b>    |
| 9                       | Whitney Bridge Revegetation  | King County Water and Land Resources    | Revegetate riparian zone of the Green River at Whitney Bridge Park (river mile 41.5) in a "critical" location per the Riparian Aspects Map to provide much-needed shade to the most important reach in the watershed for Chinook salmon spawning. A total of 4.0 acres, including 1,000 linear feet of riparian zone, will be revegetated.           |                    | <b>\$75,000</b>    |
| 9                       | Lower Green River Cooperative Riparian Habitat Improvement Project | Forterra                                | This effort will expand on previous, successful efforts to reduce the impact of noxious weeds and reducing stream temperatures in the lower Green River by restoring native trees to streamside public and private lands.  | \$35,863           | <b>\$121,541</b>   |
| 9                       | Porter Levee Setback Construction                                  | King County Water and Land Resources    | The project will remove a portion of the Porter Levee along the Middle Green River, protect the Green Valley Road, and enhance the floodplain with habitat features. Funding from this grant will go toward revegetating the areas disturbed by construction and other open areas.   | \$5,200,000        | <b>\$88,942</b>    |
| 9                       | Van Doren's Park Preliminary Design                                | King County Water and Land Resources    | This will fund design and permitting of the Van Doren's Landing Habitat Restoration Project, including technical studies, alternatives analysis, project design and permit materials. The project will reconnect nine to twelve acres of floodplain and restore about 1,600 linear feet of riparian forest along the lower Green River between river |                    | <b>\$300,000</b>   |

| WRIA | Project Name  | Project Sponsor                      | Project Description  | Match Funds | CWM Request      |
|------|---|--------------------------------------|--|-------------|------------------|
|      |   |                                      | mile 19.3 and 18.6.  |             |                  |
| 9    | Duwamish and Nearshore Property Acquisition Feasibility | King County Water and Land Resources | This grant will help determine landowner willingness to set and site feasibility of properties along the Duwamish River and WRIA 9 nearshore for habitat protection and/or restoration. WRIA 9 needs to identify the next large project along the Duwamish to expand rearing habitat for juvenile salmonids. The nearshore parcels, if subsequently purchased with other funding, would protect important feeder bluffs. |             | <b>\$160,000</b> |
| 9    | Big Spring Creek Restoration, Phase 3                   | King County Water and Land Resources | This grant will fund the construction of Phase 3 of this project. Phases 1 and 2 resulted in the construction of a 4,000-lineal foot stream channel from where the stream crosses 244th Ave. SE downstream to the confluence with Newaukum creek. Phase 3 will plant those areas of the project that were not planted with Corps funding under the Ecosystem Restoration Project (ERP) program.                          | \$6,200,000 | <b>\$80,000</b>  |
| 9    | Lowman Beach Seawall Removal Feasibility                | City of Seattle                      | Conduct a feasibility study for removal of the failing seawall at Lowman Beach Park and regrading of the shoreline. The purpose is to create a natural sloping beach with large wood and native vegetation to provide marine nearshore habitat for migratory juvenile Chinook salmon.  |             | <b>\$250,000</b> |
| 9    | Teufel Property Soil Contamination Investigation        | King County Water and Land Resources | Investigate the depth of pesticide soil contamination at the former Teufel nursery property. The results will be used to help develop remedial cost estimates and final restoration design plans for a salmon habitat restoration project.   |             | <b>\$49,163</b>  |
| 9    | WRIA 9 Capital Projects Implementation                  | King County Water and Land Resources | Funding will support implementation of projects and programs in the Green/Duwamish and Central Puget Sound watershed, including development of project funding strategies, technical support and solicitation of new projects. This function supports the resources and tools needed for capital improvement implementation.   |             | <b>\$132,000</b> |
| 9    | WRIA 9 Habitat Plan Technical and Outreach Support      | King County Water and Land Resources | This grant would fund staff from the King County Science Section and/or consultants to support updating the WRIA 9 Salmon Habitat Plan; this help is critical for supporting plan implementation and a science-based update. Outreach support will be necessary to inform the public and hold public meetings to gather input during the Salmon Habitat Plan update.   |             | <b>\$161,000</b> |

| WRIA                     | Project Name   | Project Sponsor                               | Project Description  | Match Funds  | CWM Request |
|--------------------------|--|---|--|--------------|-------------|
| 9                        | Changing Behaviors: Improving Watershed Health and Salmon Habitat through Education and Outreach | Environmental Science Center                  | Increase public awareness of watershed health and salmon habitat protection with curriculum, field studies, educational outreach, and community events. This project will encourage people in WRIA 9 to make positive behavior changes to improve water quality of Puget Sound and protect salmon habitat.   | \$88,480     | \$30,000    |
| 9                        | Duwamish River Streamflow Discharge and Water Quality Monitoring                                 | U.S. Geological Survey                        | This will help fund two gages in the tidally-influenced zone of the Duwamish River to collect sediment and chemical load data combined with streamflow discharge, turbidity, water temperature and salinity. This information will be used to help plan future projects.   |              | \$10,000    |
| 9                        | Green River Smolt Monitoring and Otolith Analysis  | Washington Department of Fish and Wildlife    | This funding will contribute towards operation of the Green River screw trap. The focus of this project is to estimate the number of naturally-produced Puget Sound Chinook salmon originating from the river system and is part of a long-term monitoring effort.   |              | \$85,000    |
| 9                        | Duwamish Chinook Rearing Analysis and Report   | University of Washington                      | Juvenile salmon and other fish at restored and un-restored sites within the Duwamish estuary were sampled in Spring-Summer 2016. Funding is requested for analyzing the sampling data and preparing a report on the results.   |              | \$25,000    |
| 9                        | Beach Naturalist Program   | Seattle Aquarium                              | The Beach Naturalist Program is a public education and outreach program that engages local citizen volunteers to teach the public about the importance of the nearshore environment.   | \$63,114     | \$21,000    |
| <b>WRIA 9 Subtotals</b>  |  |   |  | \$11,597,457 | \$1,642,105 |
| <b>WRIA 10</b>           |  |   |  |              |             |
| 10                       | White River Juvenile Salmon Production Assessment Project  | Puyallup Tribe of Indians                     | This project will monitor the outmigration of juvenile salmon on the White River to establish abundance estimates, run timing and biological characteristics for ESA listed salmon species, Chinook and Steelhead. The trap will be installed, maintained and fished with three temporary employees and additional staff from the Puyallup Tribe of Indians Fisheries Department. This is a continuation of a project funded by CWM in FY 2014 and 2015. |              | \$150,668   |
| 10                       | Middle Boise Creek Restoration - VanWieringen Final Design                                       | King County Water and Land Resources Division | Fund a portion of the cost of a final design that would facilitate a 2018 Middle Boise Creek riparian restoration project to improve salmon habitat.   | \$88,080     | \$71,195    |
| <b>WRIA 10 Subtotals</b> |  |   |  | \$88,080     | \$221,863   |
| <b>TOTALS</b>            |  |   |  | \$27,061,402 | \$4,275,881 |

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1           A RESOLUTION relating to the Green River System-Wide Improvement  
2           Framework; appointing members of a Lower Green River Corridor Plan  
3           Advisory Committee and establishing a Technical Working Group.

4           WHEREAS, in light of tribal correspondence regarding alleged violations of treaty rights  
5           and the Endangered Species Act ("ESA"), the King County Flood Control Zone District  
6           ("District") has consulted with staff for the Seattle District of the United States Army Corps of  
7           Engineers ("Corps") regarding its March 21, 2014, Interim Policy for Determining Eligibility  
8           Status, specifically the Corps' policy not to conduct ESA Section 7 consultation for system-wide  
9           improvement framework ("SWIF") plan acceptance; and

10           WHEREAS, on February 16, 2016, the board of supervisors of the District adopted  
11           Resolution FCD2016-05.2, which approved and submitted to the Corps the System-Wide  
12           Improvement Framework Interim Report; and

13           WHEREAS, the District desires to move forward with a Lower Green River Corridor  
14           Plan to address the broader objectives supported by stakeholders and partners who participated as  
15           SWIF advisors; and

16           WHEREAS, this can best be achieved through a long-range planning process that  
17           includes a SEPA programmatic environmental impact statement ("EIS") that can analyze  
18           cumulative impacts and reasonable alternatives for accomplishing project objectives of flood  
19           protection, economic vitality, salmon recovery, water quality, habitat restoration, recreation,  
20           agriculture, housing, equity and social justice and other issues to be defined through the EIS  
21           scoping process; and

22 WHEREAS, a goal of conducting a joint Plan and EIS process is to achieve consensus  
23 among permitting agencies for programmatic permits or batched permits to reduce permitting  
24 approval time and costs for capital projects within the Lower Green River Corridor; and

25 WHEREAS, Resolution FCD 2016-5.2 established the Lower Green River Advisory  
26 Committee, with members to be appointed later by the board of supervisors; and

27 WHEREAS, the board of supervisors desires to appoint the members of the Lower Green  
28 River Advisory Committee; now therefore,

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

31 SECTION 1. The District appoints members to the Advisory Committee, as listed in  
32 Attachment A to this resolution.

33 SECTION 2. The District establishes a Lower Green River technical working group  
34 ("TWG") to be comprised of permit agency representatives from the United States Army Corps of  
35 Engineers, National Marine Fisheries Service, Washington state Department of Ecology,  
36 Washington state Department of Fish and Wildlife, Washington state Department of Natural  
37 Resources, Muckleshoot Tribe, other permit agencies and local jurisdictions, and directs King  
38 County, through the water and land resources division, to assist in the identification of the  
39 appropriate personnel within these agencies to participate in the TWG.

40

KING COUNTY FLOOD CONTROL ZONE DISTRICT  
KING COUNTY, WASHINGTON

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Reagan Dunn, Chair

ATTEST:

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Anne Noris, Clerk of the Board

**Attachments:** A. Lower Green River Corridor Plan Advisory Committee.docx



Attachment A: Lower Green River Corridor Plan Advisory Committee

|                       | Agency/Entity                              | Name  |
|-----------------------|--|---|
| County                | KC Flood Control District                  | Chair Reagan Dunn   |
| County                | KC Flood Control District                  | Vice Chair Dave Upthegrove  |
| County                | King County                                | Fred Jarrett, King County Deputy Executive                                |
| Federal               | Corps of Engineers                         | Col. John Buck  |
| Federal/Environmental | National Marine Fisheries                  | Mike Grady  |
| State/Permitting      | Governor's Office of Regulatory Assistance | Jesus Sanchez, Governor's Office for Regulatory Innovation and Assistance |
| State/Environmental   | Puget Sound Partnership                    | Marc Daily, Deputy Director   |
| City                  | City of Tukwila                            | Mayor Allan Ekberg  |
| City                  | City of Kent                               | Mayor Suzette Cooke   |
| City                  | City of Auburn                             | Mayor Nancy Backus  |
| City                  | City of Renton                             | Mayor Denis Law   |
| Environmental         | WRIA 9                                     | Marlla Mhoon, WRIA 9 co-chair   |
| Business              | Business leader                            | Molly Lawrence  |
| Business              | Boeing                                     |   |
| Agriculture           | Cattle and Crop Farmer                     | Burr Mosby  |

7/11/16

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Sponsor: Dunn

Proposed No.: FCD2016-12

1 **AMENDMENT TO RESOLUTION FCD2016-12, VERSION 1**

2 Delete Attachment A. Lower Green River Corridor Plan Advisory Committee and insert

3 Attachment A. Lower Green River Corridor Plan Advisory Committee 7-11-16

4 **EFFECT: *clarifies members of the committee***

Attachment A: Lower Green River Corridor Plan Advisory Committee 7-11-16

|                       | Agency/Entity                              | Name  |
|-----------------------|--|---|
| County                | KC Flood Control District                  | Chair Reagan Dunn   |
| County                | KC Flood Control District                  | Vice Chair Dave Upthegrove  |
| County                | King County                                | Fred Jarrett, King County Deputy Executive                                |
| Federal               | Corps of Engineers                         | Col. John Buck  |
| Federal/Environmental | National Marine Fisheries                  | Mike Grady  |
| State/Permitting      | Governor's Office of Regulatory Assistance | Jesus Sanchez, Governor's Office for Regulatory Innovation and Assistance |
| State/Environmental   | Puget Sound Partnership                    | Marc Daily, Deputy Director   |
| City                  | City of Tukwila                            | Mayor Allan Ekberg  |
| City                  | City of Kent                               | Mayor Suzette Cooke   |
| City                  | City of Auburn                             | Mayor Nancy Backus  |
| City                  | City of Renton                             | Mayor Denis Law   |
| Environmental         | WRIA 9                                     | Marlla Mhoon, WRIA 9 co-chair   |
| Business              | Business leader                            | Molly Lawrence  |
| Business              |  |   |
| Agriculture           | Cattle and Crop Farmer                     | Burr Mosby  |

1           A RESOLUTION relating to the opportunity fund, establishing a  
2           policy for the expenditure of opportunity funds by jurisdictions  
3           that are located in both King County and an adjacent county, and  
4           adding a new section to Resolution FCZD 2008-10.2.

5           WHEREAS, in Sections 1, 4, 5, 6, 7 and 8 of Resolution FCZD 2008-10.2,  
6           Section 1 of Resolution FCD 2010-33.1, Section 1 of Resolution FCD 2012-13.1, and  
7           Section 2 of Resolution FCD 2013-20.1, the Flood Control Zone District ("District")  
8           board of supervisors created the subregional opportunity fund, now known as the  
9           "opportunity fund," and established rules, regulations and policies for the opportunity  
10          fund; and

11          WHEREAS, in Resolution FCD 2009-02.1 and Sections 2 and 3 of Resolution  
12          FCD 2012-13.1, the board of supervisors approved a form of interlocal cooperation  
13          agreement ("Agreement") for opportunity fund projects, and authorized the executive  
14          director to sign such form Agreement with participating jurisdictions; and

15          WHEREAS, the board of supervisors desires to establish a new policy for the  
16          expenditure of opportunity funds by jurisdictions that are located in both King County  
17          and an adjacent county; now, therefore

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

20            SECTION 1. A new section is hereby added to Resolution FCZD 2008-10.2 to  
21 read as follows:

22            Participating jurisdictions that are located in both King County and an adjacent  
23 county must expend opportunity funds on Projects, as that term is defined in the  
24 Interlocal Agreement between the District and the participating jurisdiction, that  
25 benefit King County residents. At the request of the District or the water and land  
26 resources division of the King County department of natural resources and parks,  
27 the participating jurisdiction must provide evidence that it will satisfy or has  
28 satisfied this requirement.

29

KING COUNTY FLOOD CONTROL ZONE DISTRICT  
KING COUNTY, WASHINGTON

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Reagan Dunn, Chair

ATTEST:

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Anne Noris, Clerk of the Board

**Attachments:** None