



**KING COUNTY**

1200 King County Courthouse  
516 Third Avenue  
Seattle, WA 98104

**Signature Report**

**December 13, 2011**

**FCD Resolution**

**Proposed No. FCD2011-18.1**

**Sponsors**

1           A RESOLUTION relating to the operations and finances  
2           of the King County Flood Control Zone District; adopting  
3           a revised 2012 sub-regional opportunity fund allocation;  
4           amending FCD 2011-06.3, Attachment G.

5           WHEREAS, the King County Flood Control Zone District ("District") adopted  
6           the 2012 work program, budget, operating budget for King County, capital budget and  
7           sub-regional opportunity fund allocations in FCD 2011-06.3; and

8           WHEREAS, King County Water and Land Resources Division has requested a  
9           technical correction to Attachment G to FCD 2011-06.3, the 2012 Subregional  
10          Opportunity Fund allocations;

11          WHEREAS, pursuant to RCW 86.15.110, the District has determined that the  
12          flood control improvements adopted by this resolution generally contribute to the  
13          objectives of the District's comprehensive plan of development; and

14          WHEREAS, pursuant to RCW 86.15.140, the District held a public hearing on the  
15          budget items proposed in this resolution on \_\_\_\_\_; now, therefore

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

18            SECTION 1. The Board of Supervisors for the King County Flood Control Zone  
19 District adopts the "2012 Subregional Opportunity Fund Allocations - Revised", which is  
20 Attachment G to FCD 2011-06.5, as set forth in Attachment A to this resolution,  
21

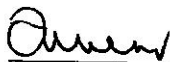
FCD Resolution was introduced on and passed by the King County Flood Control District on 12/12/2011, by the following vote:

Yes: 8 - Mr. Phillips, Mr. von Reichbauer, Mr. Gossett, Ms. Hague,  
Ms. Patterson, Ms. Lambert, Mr. Ferguson and Mr. McDermott  
No: 0  
Excused: 1 - Mr. Dunn

KING COUNTY FLOOD CONTROL ZONE  
DISTRICT  
KING COUNTY, WASHINGTON

  
Julia Patterson, Chair

ATTEST:

  
\_\_\_\_\_

Anne Noris, Clerk of the District

**Attachments:** A. 2012 Subregional Opportunity Fund Allocations - Revised 12-12-11

**King County Flood Control District**

**2012 Proposed Subregional Opportunity Fund Allocations - Revised - 12-12-11**

**Attachment G**

November 23, 2011

Jurisdiction	2011 Allocation Percentage	2011 Opportunity Fund Allocation	2012 Allocation Percentage	2012 Opportunity Fund Allocation	Project Name	Project Description
Alpina	0.1091%	\$3,960	0.1078%	\$3,913	N/A	Defer funds for a future year.
Auburn	1.9219%	\$69,746	1.9198%	\$69,693	Mill Creek Flow Improvement Project at Wetland 5K	This project will alleviate flooding problems along Mill Creek due to low gradient and high sediment loading. Increase in culvert capacity and stream channel re-establishment as well as riparian habitat restoration will improve flow while also providing salmon habitat benefits.
Beaux Arts	0.0317%	\$1,151	0.0289%	\$1,049	N/A	Defer funds for a future year.
Bellevue	9.9722%	\$362,013	9.7072%	\$352,393	1. Valley Creek NE 21st Street Flood Control Project	1. Analysis of alternatives to reduce flooding from Valley Creek. Select best alternative using social, environmental and technical criteria and design the project
					2. Kelsey/ SE 9th-Lake Hills Flood Control Project	2. Feasibility study to ascertain inter-relatedness of sources of flooding in sub-basin. An alternative analysis will be followed by the design of the best alternative.
					3. SE 30th SL/Sunset Creek Improvements -Phase 2	3. This multi-phase project addresses street and structural flooding. This phase will restore channel conveyance capacity and stabilize the streambanks.
Black Diamond	0.1732%	\$6,289	0.1681%	\$6,102	N/A	Defer funds for a future year.
Bothell	0.7709%	\$27,965	0.7792%	\$28,287	N/A	Defer funds for a future year.
Burien	1.4047%	\$50,992	1.4239%	\$51,691	N/A	Defer funds for a future year.
Carnation	0.0600%	\$2,177	0.0584%	\$2,120	N/A	Defer funds for a future year.
Clyde Hill	0.4441%	\$16,120	0.4039%	\$14,982	N/A	Defer funds for a future year.
Covington	0.5478%	\$18,896	0.5388%	\$19,560	Stormwater conveyances improvements on SE 288 <sup>th</sup> St.	Construct ditches and catch basins and install storm pipes in an area where such facilities do not exist. This will reduce flooding to adjacent properties. Furthermore, water will be treated before it enters Pipe Lake.
Des Moines	0.8464%	\$30,727	0.8473%	\$30,759	N/A	Defer funds for a future year.
Duvall	0.2475%	\$8,986	0.2566%	\$9,315	Retrofitting Carrie Rae Stormwater Pond	Retrofit the stormwater pond by increasing its volume thereby attenuating peak discharge rates, improve water quality and reduce downstream erosion.
Enumclaw	0.3071%	\$11,148	0.3225%	\$11,707	N/A	Defer funds for a future year.
Federal Way	2.5685%	\$93,260	2.5448%	\$92,382	N/A	Defer funds for a future year.
Hunts Point	0.2395%	\$8,693	0.2186%	\$7,938	N/A	Defer funds for a future year.
Issaquah	1.8038%	\$65,482	1.8330%	\$69,542	N/A	Defer funds for a future year.
Kenmore	0.8560%	\$31,073	0.8809%	\$31,979	N/A	Defer funds for a future year.
Kent	3.1960%	\$116,022	3.7766%	\$137,098	Upper Russell Road Levee	Levee is not built to current standards for rapid draw-downs. A secondary levee will be built and a road and utilities will be relocated.

**King County Flood Control District**

**2012 Proposed Subregional Opportunity Fund Allocations - Revised - 12-12-11**

**Attachment G**

November 23, 2011

Jurisdiction	2011 Allocation Percentage	2011 Opportunity Fund Allocation	2012 Allocation Percentage	2012 Opportunity Fund Allocation	Project Name	Project Description
King County	13.1938%	\$478,964	11.0637%	\$401,637	1. Public Safety Emergency Capital Projects; 2. Horseshoe Lake Flood Reduction Implementation; 3. Clough Creek Interim Sediment Removal; 4. May Creek Flood Reduction Program: May Creek Drainage Improvement Project; 5. Mullen Creek Drainage Improvements;	1. Unforeseen flood-related incidents require the maintenance of an emergency fund to protect public safety, property and public infrastructure. This fund will help with the design, construction, technical assistance and partnership cost-share of emergency projects. 2. Design and install a pump system that will convey flow from the lake to a stormwater facility thereby reducing the threat of flooding to nearby residences. Once installed the community will be responsible for securing, operating and maintaining the pump system. 3. Clough Creek transports significant sediments and debris from Rattlesnake Ridge. This has caused near annual flooding at a triple culvert crossing under 415th Ave. SE. Funds will be used as match to a FEMA grant to acquire and demolish a floodway structure and design and construct a sedimentation facility. FEMA grant is still in application stage. 4. Two projects will be selected to reduce flooding duration during small storm events. This will entail vegetation removal, dredging and sensitive area mitigation and monitoring. The second project will consist of installing sedimentation features to reduce deposition in May Creek. 5. The project will consist of stream reconnaissance of agricultural drainages and the restoration of these conveyances to recent historical levels for draining fields. Mitigation measures will be incorporated. A larger capital project will be studied to serve as a mitigation bank for drainage improvements that cannot be mitigated on site.
Kirkland	3.2752%	\$118,866	4.6286%	\$168,028	Totem Lake outlet improvements	Design and construction of an improved outflow channel at Totem Lake to include sediment removal, new outflow channel and revegetation of outflow channel banks to prevent chokling from non-native vegetation.
Lake Forest Park	0.6472%	\$23,496	0.6445%	\$23,397	McAlear/Lyon Creek Flood Mitigation	Demolish frequently flooded structure purchased in 2011.
Maple Valley	0.7497%	\$27,217	0.7646%	\$27,757	N/A	Defer funds for a future year.
Medina	0.7873%	\$28,580	0.7261%	\$26,359	Medina Park Stormwater Ponds Retrofit	The project will increase pond capacity and meter discharge to match downstream channel capacity.
Mercer Island	2.6854%	\$97,486	2.7081%	\$98,310	N/A	Defer funds for a future year.
Milton	0.0230%	\$836	0.0271%	\$984	N/A	Defer funds for a future year.
Newcastle	0.5814%	\$21,107	0.6040%	\$21,927	Lake Boren flooding remediation	The design will consist of a weir/pipe system at the lake to reconnect it to its former channel. Boren Creek at a wetland located 800 ft downstream.
Normandy Park	0.3568%	\$12,954	0.3828%	\$13,896	N/A	Defer funds for a future year.
North Bend	0.2502%	\$9,083	0.2558%	\$9,298	N/A	Defer funds for a future year.
Pacific	0.1301%	\$4,724	0.1293%	\$4,694	Deferred	Defer funds for a future year.
Redmond	3.6680%	\$134,245	3.6179%	\$131,338	Tosh Creek flood prevention project at West Sammamish Parkway	The design will address the elimination of gravel deposition, the replacement of an undersized culvert and the revegetation of the creek in the project footprint. Besides addressing flooding, this project will also have fish passage improvements.
Renton	3.4088%	\$123,747	3.4059%	\$123,642	Lower Cedar River Flood Hazard Reduction Project	Planning for future phases of gravel removal, maintenance dredging and monitoring of associated mitigation site (Elkott Spawning Channel)
Sammamish	2.5761%	\$93,517	2.7289%	\$99,081	N/A	Defer funds for a future year.
SeaTac	0.8000%	\$29,044	0.7938%	\$28,809	N/A	Defer funds for a future year.
Seattle	36.5434%	\$1,326,906	36.7749%	\$1,335,008	Meadowbrook Pond detention facility improvements	Facility improvements include better maintenance access, dredging and construction of a high flow by-pass into the pond.

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Shoreline	2.0756%	\$75,348	2.1369%	\$77,574	Upgrading stormwater conveyance system at Mendian Park	Replacement of several undersized culverts causing flooding in nearby residential properties. Upgrade will convey stormwater from 50-100 year storm events into the Wallington Ave. N Right of Way.
Skykomish	0.0068%	\$245	0.0069%	\$250	N/A	Defer funds for a future year.
Snoqualmie	0.5209%	\$18,911	0.5355%	\$19,440	Bank stabilization, scour and flood control	Study the damaged river bank on the Snoqualmie at Sandy Cove, evaluate geotechnical and hydrological factors and design a remedial project that will restore the bank and prevent further bank deterioration downstream.
Tukwila	1.1823%	\$42,921	1.2640%	\$45,886	1. Lily Pointe Levee setback easement 2. Gilliam Creek Trash Rack	1. Levee setback required purchase of easement on private property. Funds will be used to pay interest on an easement. 2. Install trash rack to prevent debris from blocking flood gate at Gilliam Creek outlet into Green River.
Woodinville	0.7766%	\$28,192	0.7696%	\$27,938	Woodinville-Duval Road drainage improvements	Installation of new culvert pipe and catch basin improvements
Yarrow Point	0.2312%	\$8,393	0.2148%	\$7,798	Northeast 42 <sup>nd</sup> Street stormwater improvements	Design for the upgrade of a failing and undersized stormwater conveyance
<b>Total</b>		<b>\$3,807,031</b>		<b>\$3,630,219</b>		

2012 Deferrals  
2012 Projects

21 jurisdictions  
19 jurisdictions

\$627,483 17%  
\$3,002,736 83%